JOINT ENTRANCE TEST (JET) – 2020

For Admission in Under Graduate Programme in Agriculture & Allied Sciences in Rajasthan

GENERAL GUIDELINES

For Admission to

B. Sc. (Hons) Agriculture
B. Sc. (Hons) Horticulture
B. Sc. (Hons) Forestry
B. Sc. (Hons) Food Nutrition and Dietetics
B. Sc. (Hons) Community Science / Home Science
B. F. Sc. Fisheries Science
B. Tech. (Dairy Technology)
B. Tech. (Food Technology)

Conducted by

Agriculture University, Kota
Baran Road, Borkhera, Kota - 324001
Rajasthan

ऑनलाइन आवेदन फॉर्म बिना विलम्ब शुल्क जमा करने की अन्तिम तिथि : 25.04.2020

प्रवेश परीक्षा की तिथिः 07.06.2020

GENERAL GUIDELINES

Candidates are adviced to read all the instructions of the JET guidelines before filling online application form (for any discrepancy found in Hindi text, then English version will be treated as correct). अभ्यर्थी ऑनलाईन आवेदन पत्र भरने से पुर्व निर्देशों को ध्यान पूर्वक पढ लेवें। अंग्रेजी में लिखित निर्देश अंतिम मान्य होंगे।

1.0 ONLINE SUBMISSION OF APPLICATION FORM	**1.0 ऑनलाईन प्रार्थना पत्र प्रस्तुत करना**
Only Online application form will be accepted on **http://www.jet2020aukota.com**	ऑनलाईन आवेदन–पत्र केवल **http://www.jet2020aukota.com** पर ही स्वीकार किये जायेगे।
The online application form can be filled as per schedule dates of admission process	ऑनलाइन आवेदन पत्र प्रवेश प्रक्रिया की अनुसूची में दर्शाई गई तिथियॉ के अनुसार भरे जायेगे।
Recent passport size (5H × 4W cm) photograph clearly showing date of photograph (not more than six months old) paste on a plain paper above the signature of size 2H × 4W cm. The total size will be 7H × 4W cm scan with 80 pixels per inch in jpg/jpeg/ png/bmp file format. The file size should be in between 30 to 50 KB. All documents should be scaned in pdf format and size should be in between 100 to 200 KB.	आवेदन पत्र के साथ अपलोड करने हेतु हाल ही मे (छः महीने से कम पुराना) खींचा फोटो (5H × 4W सेमी.) जिस पर खींचने की दिनांक होनी चाहिए को एक सादे कागज पर रख कर उसके नीचे अपने 2H × 4W सेमी आकार के हस्ताक्षर करें। इस का कुल आकार 7H × 4W सेमी. होना चाहिए। इनको एक साथ 80 पिक्सल प्रति ईच के साथ स्केन कर जेपीजी/ जेपीईजी/पीएनजी /बीएमपी में सेव कर लेवें। फाईल का आकार 30 से 50 केबी के मध्य हो। अन्य दस्तावेज अपलोड करने के लिए फाईल फॉरमेट पीडीएफ व साईज 100 से 200 KB होनी चाहिए।
Candidate filling online application form should strictly check correctness of all informations e.g. candidate name, father's name, date of birth, gender, category, mobile number, email address and other details including spellings.	अभ्यर्थी ऑन–लाईन आवेदन–पत्र में सभी सूचनाऐं त्रुटि रहित भरे जैसे अपना नाम, पिता का नाम, जन्म तिथि, केटेगरी, मोबाईल नम्बर, ईमेल आईडी इत्यादी को निश्चित रूप से चेक कर लेवें।
The candidate can edit the application form till prescribed date, except the information related to fee. **Do not disclose the password to any one as he/she may change your details and misuse it.** The organizers will not be responsible for such changes and consequences thereon.	अभ्यर्थी अपने आवेदन–पत्र मे शुल्क से सम्बन्धित सूचना को छोड़ कर सुधार की अन्तिम तिथि तक सुचनाऐं सुधार कर सकते है। **अभ्यर्थी अपना पासवर्ड किसी भी स्थिती मे दूसरे व्यक्ति को नही बताये। वह आपकी सुचनाऐं परिवर्तित कर दुरूपयोग कर सकता है।** इस प्रकार के परिवर्तन व उसके आगे परिणाम के लिये परीक्षा आयोजक जिम्मेदार नही होगें।
1.1 Deposition of application form fees: JET application form fee is Rs. 2800/- + Bank charges, if any for all the candidates including those from out side Rajasthan. For candidates of SC/ST/SAP (40% and above disability) of Rajasthan, the fee will Rs. 1400/- + Bank charges, if any. **Application form fee amount is to be deposited online only. This amount is non refundable/transferable/**	**1.1 आवेदन–पत्र शुल्क जमा करना:** सभी राजस्थान एवं राजस्थान के बाहर के अभ्यर्थीयों के लिए संयुक्त प्रवेश परीक्षा के आवेदन फार्म कि शुल्क 2800 रूपये + बैंक शुल्क यदि कोई हो तो होगी। राजस्थान के अनुसुचित जाति/अनुसुचित जन जाति व दिव्यांग (40 प्रतिशत व उससे से अधिक दिव्यांगता) अभ्यर्थी के लिये आवेदन फार्म शुल्क 1400 रूपये +

adjustable in any case.	बैंक शुल्क यदि कोई हो तो देय होगी। **आवेदन फार्म शुल्क ऑन लाईन ही जमा होगी। यह राशि किसी भी परिस्थिति मे पुनःभरण देय/स्थानांतरित/समायोजन नही होगी।**
Before filling online option form, candidate must go through the ICAR guidelines to check accreditation and other credentials of Universities and Institutes.	**अभ्यर्थी प्रवेश हेतु विकल्प भरने से पहले भारतीय कृषि अनुसंन्धान परीषद के दिशा निर्देश पढ़ लेवें एवं विश्वविद्यालयो एवं संस्थानों की उपाधियो की मान्यता जॉच कर लेवें।**
2.0 ELIGIBILITY CRITERIA FOR ADMISSION	**2.0 प्रवेश लेने हेतु योग्यता का आधार**
A candidate must ensure that he/she is eligible for admission to desired courses before filling the online application form for JET. If a non-eligible candidate is admitted due to any reason then the admission of such candidate will be cancelled as soon as the mistake is detected even at later stage. Various eligibility criteria for admission through JET are as under:	अभ्यर्थी ऑनलाईन आवेदन–पत्र भरने से पहले यह सुनिशचित कर लेवे कि वह जेट के द्वारा विभिन्न कोर्स मे प्रवेश लेने के योग्य हैं। यदि किसी अयोग्य अभ्यर्थी को किसी भूल वश प्रवेश दे दिया जाता है तो जैसे पता चलेगा उसका प्रवेश तुरन्त रदद् कर दिया जायेगा। जेट के माध्यम से प्रवेश पाने हेतु निम्नलिखित योग्यताओ की आवश्यकता है।
2.1 EDUCATIONAL QUALIFICATION	**2.1 शैक्षिणिक योग्यता**
The candidates who have passed the Senior Secondary (10+2) examination conducted by the Board of Secondary Education Rajasthan, Ajmer or any other Statutory Board or any examination recognized equivalent to by the university in any of the combination of following subjects in Science/Agriculture stream are eligible to appear in JET: Agriculture, Biology, Chemistry, Mathematics and Physics i.e. ABC, PCM, PCMB, PCB, PCA etc. For Admission to B. Tech (Dairy Technology)/ B. Tech (Food technology), Chemistry, Mathematics and Physics are essential at 10+2 level. Candidate with Arts and Commerce stream are not eligible.	जिन अभ्यर्थीयो ने उच्च माध्यमिक (10+2), राजस्थान माध्यमिक शिक्षा बोर्ड, अजमेर या इस के समान अन्य बोर्ड या विश्वविद्यालय से विज्ञान / कृषि संकाय के निम्न विषयो मे उत्तीर्ण की हों, वह संयुक्त प्रवेश परीक्षा (जेट) मे बैठने के योग्य पात्र होगे। जैसे कृषि, जीव विज्ञान, रसायन विज्ञान, गणित व भौतिकी के विभिन्न संयोजन जैसे ABC, PCM, PCB, PCMB, PCA etc. बी. टेक (डेयरी टेक्नोलोजी) एवं बी. टेक (फुड टेक्नोलोजी) मे प्रवेश लेने हेतु रसायन विज्ञान, गणित व भौतिकी मे 12 वी कक्षा पास होना आवश्यक है । कला व वाणिज्य विषय से 12 वी पास करने वाले अभ्यर्थी संयुक्त प्रवेश परीक्षा मे बैठने के लिए योग्य नही है।
Candidate may attempt any three subjects in JET examination out of above five. But those who wants admission to B.Tech (Dairy Technology) and B. Tech (Food Technology) do not have any choice and must attempt only PCM (Physics, Chemistry & Mathematics).	संयुक्त प्रवेश परीक्षा के लिए पांच विषय कृषि, जीवविज्ञान, रसायन विज्ञान, गणित व भौतिकी मे से कोई भी तीन विषयो का चुनाव कर सकता है परन्तु बी टेक डेयरी/फुड टेक्नोलोजी मे प्रवेश लेने अभ्यर्थी को संयुक्त प्रवेश परीक्षा मे भी रसायन विज्ञान, गणित व भौतिकी के पेपर करने आवश्यक है।
A candidate must have secured at least 50% marks in the Senior Secondary examination (10+2). A relaxation of 5% marks would be allowed to candidate belonging to SC/ST/OBC/MBC/EWS category of Rajasthan. **The candidates taking the advantage of 5% relaxation will not be considered in UR category.** Candidates having	संयुक्त प्रवेश परीक्षा के माध्यम से प्रवेश लेने हेतु अभ्यर्थीयो के 12वीं कक्षा (10+2) में कम से कम 50 प्रतिशत अंक होना आवश्यक है। **राजस्थान के आरक्षित वर्ग जैसे अनुसूचित जाति, अनुसूचित जन जाति, अन्य पिछडा वर्ग, ज्यादा पिछड़ा वर्ग तथा आर्थिक कमजोर वर्ग के लिये 5 प्रतिशत अंक की छुट होगी। जो आरक्षित**

supplementary in the Sr. Sec. (10+2) recent Board Examinations 2020 will not be eligible for JET. **The OBC and MBC benefit is only for non creamy layer candidates of OBC/MBC categories.**	**वर्ग के अभ्यर्थी 5 प्रतिशत अंक की छुट लेंगे उन अभ्यर्थीयो को आरिक्षत वर्ग की सीट पर ही प्रवेश मिलेगा व अनारक्षित वर्ग पर प्रवेश नही दिया जायेगा।** हाल की बोर्ड़ परीक्षा 2020 12वीं कक्षा (10+2) मे पूरक वाले अभ्यर्थी संयुक्त प्रवेश परीक्षा के माध्यम से प्रवेश लेने हेतु अयोग्य होगें। **अन्य पिछडा वर्ग (ओबीसी)/ज्यादा पिछड़ा वर्ग (एमबीसी) के पात्र केवल नॉन क्रिमी लेयर के नीचे वाले अभ्यर्थी ही होगें।**
Candidates who have appeared at any of the aforesaid qualifying examination and whose results have not been declared before the commencement of the JET, shall provisionally be allowed to appear in the JET. **The mark sheet/result of the examination 12th class (10+2) with cleared all the subject is essential at the time of filling the option form**.	जो उम्मीदवार किसी भी उपरोक्त आर्हता परीक्षा मे सम्मिलित हुए है और जिनके परिणाम संयुक्त प्रवेश परीक्षा के शुरू होने से पहले घोषित नही हुए है उनको अस्थाई रूप से संयुक्त प्रवेश परीक्षा में बैठने की अनुमति दी जायेगी परन्तु **विकल्प फार्म भरते समय 12वीं कक्षा** (10+2) **की सभी विषयों में उत्तीर्ण की हुई अंक तालिका/परिणाम आना जरूरी है।**
2.2 AGE The maximum age limit is 25 years as on 01-01-2020 i.e. candidate born before 01-01-1995 are not eligible. The date of birth as mentioned in the Secondary Examination Mark Sheet/Certificate will be considered as authentic.	**2.2 उम्र** अधिकतम आयु 01–01–2020 को 25 वर्ष से कम होनी चाहिए। जिन अभ्यर्थी का जन्म 01–01–1995 से पहले हुआ है वह अभ्यर्थी परीक्षा मे नही बैठ सकेगें। माध्यमिक परीक्षा की अंकतालिका/प्रमाण पत्र में वर्णित जन्म तिथि ही मान्य होगी।
2.3 DOMICILE CRITERIA / RESIDENTIAL REQUIREMENT The JET is open to the candidates of Rajasthan domicile only except 50 per cent seats of private universities OR a candidate must fulfill the following conditions for admission: The candidate must have studied for the last three years in the qualifying examination continuously as a regular student in Recognized Institution in Rajasthan *i.e.* passed 10th and 12th in the qualifying subjects from schools located in Rajasthan.	**2.3 मूलनिवास मानदंड /आवासीय आवश्यकता** निजी विश्वविद्यालयो की 50 प्रतिशत सीटो को छोडकर संयुक्त प्रवेश परीक्षा केवल राजस्थान के मूलनिवासियों के उम्मीदवारों के लिए खुला है या उम्मीदवार जो प्रवेश के लिए निम्नलिखित शर्तों को पूरा करता हो। राजस्थान में मान्यता प्राप्त संस्थान में नियमित छात्र के रूप में लगातार आर्हता परीक्षा में अभ्यर्थी ने पिछले तीन साल से पढ़ाई की होगी यानी राजस्थान से 10वीं और 12वीं की परीक्षा आर्हता विषयों में उत्तीर्ण की हो।
OR Natural Father/Mother of the candidate has been continuously residing in Rajasthan for a period of last 10 years and the candidate has studied for at least 5 years during this period in the Recognized Educational Institution in Rajasthan.	**या** अभ्यर्थी के माता–पिता पिछले 10 वर्षों की अवधि से लगातार राजस्थान में रह रहे हैं और राजस्थान के मान्यता प्राप्त शिक्षण संस्थान में इस अवधि में अभ्यर्थी ने कम से कम 5 साल तक पढ़ाई की हो।
OR The candidate must be a bonafide resident of Rajasthan. He/She may be presently studying in any of the states other than Rajasthan.	**या** अभ्यर्थी का राजस्थान का मूलनिवासी होना जरूरी है। चाहे उसने राजस्थान के अलावा किसी अन्य राज्य में पढ़ाई की हो।
OR The candidate is a son/daughter of a serving or retired employee of (a) Government of Rajasthan and Officer of All India Services in the	**या** उम्मीदवार निम्न प्रकार के संस्थानों मे सेवारत या सेवानिवृत्त कर्मचारी का पुत्र/पुत्री है (क) राजस्थान

State Cadre of Rajasthan or (b) Undertaking/ Corporation/ Improvement Trust/ Municipal Bodies duly constituted by the Government of Rajasthan by an act of Law or (c) any of the State Universities in Rajasthan or Board of Secondary Education, Rajasthan provided that the employee has worked in Rajasthan for three years preceding the last date of submission of the application.	सरकार और अखिल भारतीय सेवा के अधिकारी राजस्थान राज्य संवर्ग या (ख) उपक्रम/निगम/विकास प्राधिकरण की संस्थाएं जो कि राजस्थान सरकार द्वारा विधिवत रूप से गठित किए है या (ग) राजस्थान के किसी भी सरकारी विश्वविद्यालय या माध्यमिक शिक्षा बोर्ड, राजस्थान में कर्मचारी ने आवेदन जमा करने की अंतिम तिथि से तीन साल पहले राजस्थान में काम किया हो ।
OR Candidate is a son/daughter of a permanent serving or retired employee of Indian Defence Service **(Army/Navy/Air force)** either of Rajasthan origin irrespective of his/her place of posting or is posted in Rajasthan at the time of last date of the submission of application for admission. Provided that in case the defence personnel of Rajasthan origin, a Certificate has to be submitted by him/her from the employer to the effect that his/her State of origin is Rajasthan at the time of entry in to the service.	**या** उम्मीदवार भारतीय रक्षा सेवा **(थल/जल/वायु सेना)** के स्थायी सेवारत या सेवानिवृत्त कर्मचारी का पुत्र/पुत्री है और कर्मचारी राजस्थान मूल का है, चाहे उसकी तैनाती किसी भी जगह हो या प्रवेश के लिए आवेदन की अंतिम तिथि के समय राजस्थान में तैनात हो। रक्षा कर्मी राजस्थान मूल से हो, तो नियोक्ता से उसके द्वारा इस आशय का प्रमाण पत्र प्रस्तुत करना होगा कि सेवा में प्रवेश के समय से राजस्थान के मूल निवासी है।
OR Candidate is a son/daughter of serving/retired employee of Para-Military Forces of India and the employee is either of Rajasthan origin irrespective of his/her place of posting or is posted in Rajasthan at the time of last date of the submission of application for admission provided that in case of Para-Military Personnel from the Rajasthan origin, a certificate has to be submitted by him/her from the employer to the effect that his/her State of origin is Rajasthan at the time of entry into service.	**या** उम्मीदवार भारत के अर्धसैनिक बलों के स्थायी (सेवारत/सेवानिवृत्त) कर्मचारी का पुत्र/पुत्री है और कर्मचारी राजस्थान मूल का है, चाहे उसकी तैनाती की जगह अन्य हो या प्रवेश के लिए आवेदन की अंतिम तिथि के समय राजस्थान में तैनात हो, बशर्ते कि राजस्थान मूल के अर्धसैनिक कर्मियों के मामले में नियोक्ता से उसके द्वारा इस आशय का प्रमाण पत्र प्रस्तुत करना होगा है कि उसकी सेवा में प्रवेश के समय राजस्थान मूल निवासी है।
OR Candidate is a son/ daughter of a Judge of Rajasthan High Court subject to that he/she submit an undertaking/affidavit stating that such benefit is not claimed or availed by them in any other State.	**या** उम्मीदवार राजस्थान उच्च न्यायालय के न्यायाधीश का पुत्र/पुत्री है, जिसके अधीन वह एक वचन/शपथ पत्र प्रस्तुत करता है जिसमें कहा गया है कि इस प्रकार के लाभ का दावा किसी अन्य राज्य में उनके द्वारा प्रस्तुत नहीं किया गया है ।
Note: The relevant all original documents/ certificates which are the basis of eligibility of the candidate are to be furnished by the candidate at the time of registration in the college along with one self-attested set of above documents and three photographs**.**	**नोटः** संबंधित सभी मूल दस्तावेज/प्रमाण पत्र जो उम्मीदवार की पात्रता का आधार हैं, उन्हें कॉलेज में पंजीकरण के समय उम्मीदवार द्वारा जमा करवाना होगा साथ ही उपरोक्त दस्तावेजों की स्व–सत्यापित प्रत्तियों और तीन फोटो के साथ उपस्थित होना होगा।
The certificate of bonafide resident of Rajasthan or other states of India will have to be duly signed by the District Magistrate of the concerned	राजस्थान के मूल निवासी या भारत के अन्य राज्यो के निवासी प्रमाण पत्र मय फोटोग्राफ संबंधित जिले के जिलाधिकारी या उसके द्वारा अधिकृत अधिकारी के

District or officer authorized by him, and must bear the authenticated photograph of the candidate. In case of serving personnel, where in-service conditions have resulted into eligibility, a certificate of the employer will have to be submitted by the candidate, with appropriate authentication, identification and verification.	हस्ताक्षर से ही जारी होना चाहिए। सेवारत कर्मियों के मामले में, जहां सेवा शर्तों के परिणामस्वरूप पात्रता हुई है, नियोक्ता का प्रमाण पत्र उम्मीदवार द्वारा उचित प्रमाणीकरण, पहचान और सत्यापन के साथ प्रस्तुत करना होगा ।
All seats of constituent/affiliated colleges from State Agriculture Universities of Rajasthan and 50 % seats of Private Universities in Rajasthan will be filled from the candidate who fulfils the Rajasthan state domicile requirements. However, remaining 50 % seats of Private Universities will be open for all candidates participating in JET 2020 examination as per Govt of Rajasthan आदेश शिक्षा (ग्रुप–4) **vide order no.**प.3(2) शिक्षा –4/2017 जयपुर दिनॉक 12–06–2019.	**राजस्थान सरकार शिक्षा (ग्रुप–4) के आदेश क्रमांक प. 3(2) शिक्षा –4/2017 जयपुर दिनांक 12–06–2019 की अनुपालना मे सभी राजस्थान के संघटक, सहसंबंध रखने वाले एवं राजस्थान के निजी विश्वविद्यालयो की 50 प्रतिशत सीटें राजस्थान के मूलनिवासी अभ्यार्थियो से भरी जायेगी। राजस्थान सरकार के आदेश क्रमांकः– शिक्षा (ग्रुप–4) आदेश क्रमांक प.3(2) शिक्षा –4/2017 जयपुर दिनॉक 12–06–2019 के अनुसार निजी विश्वविद्यालयो की शेष 50 प्रतिशत सीटें संयुक्त प्रवेश परीक्षा में उपस्थित होने वाले किसी भी अभ्यार्थियो से भरी जायेगी।**
For Private Universities, incase of non availability of candidates from Rajasthan, candidates available from other state will be considered for admission on vacant seats at the time of final round of couselling**.** The certificate of bonafide resident of any state from India will have to be duly signed by the District Magistrate of the concerned District or officer authorized by him, and must bear the authenticated photograph of the candidate.	राजस्थान के अभ्यर्थी की अनुपलब्धता की स्थिती में अन्तिम काउंसिलिंग मे खाली रही निजी विश्वविद्यालयो की सीटों को अन्य राज्यो के उपलब्ध अभ्यर्थीयो से भरी जायेगी। भारत के किसी भी राज्य के मूलनिवासी होने का प्रमाण पत्र संबंधित जिला मजिस्ट्रेट द्वारा विधिवत् हस्ताक्षरित से जारी या उसके द्वारा अधिकृत अधिकारी से जारी होना चाहिये व प्रमाण पत्र पर फोटो लगा होना चाहिए।
3.0 Reservation of seats	**3.0 सीटों का आरक्षण**
The reservation of seats for various categories will be as per the rules of Government of Rajasthan and subsequently adopted by **AU, Kota**.	विभिन्न श्रेणियों के लिए सीटों का आरक्षण राजस्थान सरकार के नियमों के अनुसार होगा जो कि **कृषि विश्वविद्यालय, कोटा** द्वारा अपनाया गया है।
The caste certificate must bear the photograph of candidate and must be issued by the competent authority.	जाति प्रमाण पत्र में उम्मीदवार की फोटोग्राफ होनी चाहिए और सक्षम अधिकारी के हस्ताक्षर द्वारा जारी किया हुआ होना चाहिए ।
In case of OBC/MBC the certificate should not be older than one year at the time of reporting in allotted college and must clearly indicate non creamy layer. Such certificate along with affidavit of non-creamy layer should not be earlier than three year at the time of reporting in allotted college**.**	आंवटित महाविद्यालय में प्रवेश के समय पर ओबीसी/एमबीसी का प्रमाण–पत्र एक वर्ष से अधिक पुराना नहीं होना चाहिए और स्पष्ट रूप से गैर–क्रीमी लेयर का उल्लेख होना चाहिए। गैर–क्रीमी लेयर के शपथ पत्र के साथ यह प्रमाण–पत्र तीन वर्ष से पहले का नहीं होना चाहिए।
3.1 Reservation for wards of defence personnel (**Rajasthan domicle only**) will be in following priority order (On producing of certificate in	**3.1** भारतीय रक्षा सेवा मे काम करने वाले राजस्थान के मूल निवासी सैनिकों के बच्चो के लिए आरक्षण निम्नलिखित प्राथमिकता के आदेश का पालन करना

format as per ANNEXURE-I or having ceritificate details. Certificate with incomplete information will not be considered for defence ward benefit). In pursuance to Deputy Secretary Agriculture (Gr. III) letter No. प. 3(9)कृषि–3/2018 जयपुर दिनांक 03-07-2018 and Agriculture University, Kota Notification No. एफ ( )/कृवि/ कोटा/ प्रबन्धमण्डल/2018 / 11335–49 दिनांक 12-12-2018	होगा (प्रमाण पत्र फार्मेट ANNEXURE-I या जिस प्रमाण पत्र मे अभ्यर्थी का नाम, उसके पिता का नाम, प्राथमिकता आदि लिखी हो यदि प्रमाण मे कोई सुचना में कमी है तो उस पर विचार नही किया जायेगा)। (उप शासन सचिव कृषि (ग्रुप–तृतीय) पत्र संख्या के अनुपालन में प.–3(9)कृषि–3/2018 जयपुर दिनांक 03–07–2018 और कृषि विश्वविद्यालय, कोटा नोटिफिकेशन नंबर ( )/ कृ वि /कोटा/प्रबन्धमण्डल/2018/11335–49 दिनांक 12–12–2018.
Priority-I : EXS (a)- Killed in Action	प्राथमिकता–I : EXS (a) – युद्ध के दौरान मारे गए
Priority-II : EXS (b) – Disabled in action and boarded out from service/died while in service with death attributable to military service/disabled in service and boarded out with disability attributable to military service.	प्राथमिकता–II: (b) – युद्ध या सैनिक कार्यवाही के दौरान अपाहिज़ हो गये जिस कारण सेवा से बाहर कर दिया गया/सेना में रहते हुए सैन्य कारणों से मृत्यु हो गई या अपाहिज होने के कारण सेवा से बाहर कर दिया गया।
Priority-III: EXS (c) – Gallantry Award Winners	प्राथमिकता–III: EXS (c) – वीरता पुरस्कार विजेता
Priority-IV: EXS (d) – Ex-Servicemen	प्राथमिकता–4: EXS (d) – पूर्व सैनिक
Apart from above wards of serving service men's and wards of non-domicile service men's are not entitled for reservation. The domicile requirement for the wards of the Defence personnel from the State of Rajasthan but serving in other State is waived off. For wards of Defence personnel from other State but serving in the State of Rajasthan, the domicile condition is waived off to enable them to be selected in general quota. However, they would not be eligible for the above mentioned concessions.	उपरोक्त के अतिरिक्त कार्यरत सैनिकों तथा राजस्थान के बाहर के सैनिकों के बच्चे आरक्षण के पात्र नही होंगे। राजस्थान राज्य के रहने वाले रक्षा कर्मियों जो अन्य राज्यो मे सेवारत है उनके बच्चो के लिए मूलनिवास की आवश्यकता माफ होगी। दूसरे राज्य के रक्षा कर्मी परन्तु राजस्थान राज्य में सेवारत के बच्चों के लिए मूल निवास की शर्त रियायत होगी तथा वे सामान्य कोटे में चयन के लिये पात्र होगें किन्तु, उपर्युक्त रियायतों के पात्र नही होगें।
50 % of the reserved seats for defence quota will be earmarked for the girls. In case of non-utilization by girls, the vacancies would revert back to the boys' category.	रक्षा सेवा की आरक्षित सीटों का 50 प्रतिशत लड़कियों के लिए निर्धारित किया जाएगा। लड़कियों द्वारा उपयोग न किए जाने की स्थिति में, यह सीटे लड़कों से भरी जायेगी।
Candidates are requested to upload the valid relation certificate issued by competent Army authority where priority should be clearly mentioned. Please note that Army Canteen Cards or ID cards, PPO etc. will not be considered as valid document for defence ward benefit.	उम्मीदवारों से अनुरोध है कि वे सक्षम सेना प्राधिकरण द्वारा जारी वैध संबंध प्रमाण पत्र अपलोड करें जहां प्राथमिकता का स्पष्ट रूप से उल्लेख किया जाना चाहिए। कृपया ध्यान दें कि सेना के कैंटीन कार्ड या आईडी कार्ड आदि को वैध दस्तावेज नहीं माना जाएगा।

4.0 INSTRUCTIONS FOR FILLING JET ONLINE APPLICATION FORM The application for JET will be accepted online only. The process of online submission of application form for JET will be available at the website http://**www.jet2020aukota.com** Link of this web site will also be available on AU, Kota website **www.aukota.org**	**4.0 जेट ऑनलाइन आवेदन पत्र भरने के निर्देश** जेट के लिए आवेदन केवल ऑनलाइन स्वीकार किया जाएगा। जेट के लिए आवेदन पत्र ऑनलाइन जमा करने की प्रक्रिया वेबसाइट **http://www.jet2020aukota.com** पर उपलब्ध होगी। इस वेब साइट का लिंक कृषि विश्वविद्यालय, कोटा की वेबसाइट **www.aukota.org** पर भी उपलब्ध होगा।
Date of commencement for filling the online application : 16-03-2020	**ऑनलाइन आवेदन भरना शुरू करने की तिथि : 16–03–2020**
Last date for filling and online deposting the application forms without late fee : 25-04-2020	**ऑनलाइन आवेदन फॉर्म बिना विलम्ब शुल्क और ऑनलाईन जमा करने की अन्तिम तिथि : 25–04–2020**
Last date for filling & online depositing the application forms with late fee Rs. 500 : 28-04-2020	**500 रूपये विलम्ब शुल्क के साथ आवेदन फॉर्म भरने और ऑनलाईन शुल्क जमा करने की अंतिम तिथि : 28–04–2020**
Last date for editing the application form : 30-04-2020	**आवेदन फॉर्म में सुधार करने की अंतिम तिथि : 30–04–2020**
4.1 Candidates must perform the following activities while submitting the online application form:	4.1 ऑनलाइन आवेदन पत्र प्रस्तुत करते समय उम्मीदवारों को निम्नलिखित कार्यकलाप पुरे करने होगे:
Step-1: Off line preparation before filling the Online Application Form:	**स्टेप–1: ऑनलाइन आवेदन फॉर्म भरने के लिए पूर्व ऑफ लाइन तैयारी करे।**
Candidates are advised to go through all the instructions and before starting filling of application form, he/she must keep all relevant documents ready to avoid any reason for non-accepting the form by the system.	आवेदन पत्र भरना शुरू करने से पहले उम्मीदवारों को सभी निर्देशों से अवगत होने की सलाह दी जाती है। सभी दस्तावेज तैयार रखे ताकि ऑनलाइन सिस्टम द्वारा फॉर्म स्वीकार न करने के कारणो से बचा जा सके।
As mentioned earlier scan the photograph along with signature and save it. Sample is already given on the website. The photograph will be displayed after proper uploading.	पूर्व मे बतायेनुसार फोटो व हस्ताक्षर को स्केन कर सेव कर लेवें। वेबसाइट पर नमूना छवि पहले से ही दी गई है। सही अपलोड होने पर यह आवेदन पत्र पर दिखाई देगी।
Fee concession certificate i.e. caste category and/or Specially Abled Person (SAP) certificate indicating 40 % and above disability should be scanned in **"PDF"** format having size 100 to 200 KB.	शुल्क रियायत के लिये जाति प्रमाण पत्र और/या विशेष रूप से योग्यजन व्यक्ति (एसएपी) का प्रमाण पत्र 40 प्रतिशत विकलांगता या अधिक का संकेत **"पीडीएफ"** प्रारूप में स्कैन कर लेवे जिसका आकार 100 से 200 केबी का होना चाहिए ।
Scan mark sheets of X and XII (if passed already) examination in **"PDF"** format having size 100 to 200 KB.	10वीं और 12वीं की अंकतालिका व प्रमाण पत्र (यदि पहले से ही उत्तीर्ण) को 100 से 200 केबी आकार वाले **"पीडीएफ"** प्रारूप में स्कैन करे।
Candidate must fill own active mobile number or father's or mother's mobile number only in online application to get SMS related to this examination from JET office which must be active till admission process is completed. All the information will be sent through SMS on this mobile. Avoid mobile number of Unknown	स्वयं या माता–पिता का सक्रिय मोबाइल नंबर जिस पर अभ्यर्थी जेट कार्यालय से इस परीक्षा से संबंधित एसएमएस द्वारा सूचना प्राप्त करना चाहते है वह अंकित करे। यह मोबाईल नम्बर प्रवेश प्रक्रिया खत्म होने तक सक्रिय होना चाहिए। इस मोबाइल नम्बर पर एसएमएस के माध्यम से सारी जानकारी भेजी जाएगी। अनजान

person, Coaching Centre and E-mitra. Not more than three applications will be accepted on a one/single mobile number.	व्यक्ति, कोचिंग सेंटर और ईमित्र के मोबाइल नंबर को उपयोग मे नही लेवे। एक मोबाइल नंबर पर तीन से ज्यादा आवेदन स्वीकार नहीं किए जाएंगे।
In case non availability of mobile number or change in mobile number or net work problem, candidate will not get the information, in such condition candidate has to check web site for information. For above such conditions, the JET office will not bear any responsibility.	**मोबाइल नंबर की अनुपलब्धता या मोबाइल नंबर में परिवर्तन होने अथवा नेटवर्क की समस्या होने पर व्यक्तिगत जानकारी देना संभव नहीं होगा अतः उम्मीदवार को जानकारी वेब साईट पर देखनी होगी। उपरोक्त परिस्थितियों के लिए जेट कार्यालय की किसी भी प्रकार की जिम्मेदार नहीं होगी।**
Step-2: Depositing the fees	**स्टेप–2: फीस जमा करना**
Candidate must read the instructions given on the web site carefully.	उम्मीदवार वेबसाइट पर दिए गए निर्देशों को ध्यान से पढ़ लेवें।
JET application form fee is Rs. 2800/- + Bank charges, if any for all the candidates including those from out side Rajasthan. For candidates of SC/ST/SAP (40% and above disability) of Rajasthan, the fee will Rs. 1400/- + bank charges, if any. **Application form fee amount is to be deposited online only. This amount is non refundable/transferable/adjustable in any case.**	सभी राजस्थान एवं राजस्थान के बाहर के अभ्यर्थीयों के लिए संयुक्त प्रवेश परीक्षा के आवेदन फार्म का शुल्क 2800 रूपये + बैंक शुल्क अतिरिक्त देय होगा। अनुसुचित जाति/अनुसुचित जन जाति व दिव्यांग (40 प्रतिशत व उससे से अधिक दिव्यांगता) अभ्यर्थी के लिये आवेदन फार्म कि शुल्क 1400 रूपये + बैंक शुल्क अतिरिक्त देय होगा। **आवेदन फार्म शुल्क ऑन लाईन ही जमा होगा। यह राशि किसी भी स्थिति मे वापिस देय/स्थानांतरित/समायोजन नही होगी।**
Deposit the fees from your own or close relative account/ credit/ debit card and note down transaction detail including Bank account number, transaction ID and date for refund if any. Cards must be link to your account. Avoid the account or credit/ debit card of **E-mitra** or any other agency. If use in compulsion, then note down transaction details including Bank account number, transaction ID and date to avoid difficulty in case of refund, if any.	अपने स्वयं या करीबी रिश्तेदार के खाते / क्रेडिट / डेबिट कार्ड से ही शुल्क जमा करें और बैंक खाता संख्या, लेनदेन आईडी और तारीख सहित लेनदेन विवरण नोट करें। कार्ड़ आपके खाते से सम्बंध रखते हो। **ई–मित्र** या किसी अन्य एजेंसी के खाते से या क्रेडिट / डेबिट कार्ड से आवेदन शुल्क जमा करवाने से बचे यदि मजबूरी में फीस जमा करनी पडे तो शुल्क वापसी में कठिनाई से बचने के लिए बैंक खाता संख्या, लेनदेन आईडी और लेनदेन तारीख सहित फीस जमा का विवरण नोट करें।
Candidates are advised to keep the details of bank account viz., Name of the Bank and Branch, Account Holder's Name, Account Number, IFSC Code, Type of the Account, *etc*. for ready reference in future correspondence also.	उम्मीदवारों को सलाह दी जाती है कि वे निकट भविष्य में संम्पर्क के लिए बैंक खाते का विवरण, बैंक और शाखा का नाम, खाताधारकों का नाम, खाता संख्या, आई. एफ.एस.सी. कोड, खाते का प्रकार आदि का विवरण रखें।
Step-3: Filling of Online Application Form	**स्टेप–3: ऑनलाइन आवेदन फॉर्म भरना**
The entries of online application form must be filled as required. Please note down your Registration number and password for future use. If you will not get SMS of registration number and password, JET office will not be responsible for this.	ऑनलाइन आवेदन पत्र की प्रविष्टियों को आवश्यकतानुसार भरा जाना चाहिए। कृपया भविष्य में उपयोग के लिए अपना पंजीकरण नंबर और पासवर्ड नोट करें। यदि आपको पंजीकरण संख्या और पासवर्ड का एसएमएस नहीं मिलेगा, तो इसके लिए जेट कार्यालय जिम्मेदार नहीं होगा।

Candidate ensure that the photo and signature uploaded with application form should belongs to the same person i.e. his/her only.	उम्मीदवार यह सुनिश्चित कर ले कि आवेदन के साथ अपलोड करने वाला फोटो और हस्ताक्षर स्वयं (आवेदनकर्ता) के ही है।
The changes (if required) will be allowed in online application form up to a given editing date using registration number and password. **Keep the password very safe as anyone can change your details and misuse it. For any change in your application form, JET office will not be responsible. Please do not share the password details.**	पंजीकरण संख्या और पासवर्ड का उपयोग करके दिए गए संशोधित तिथि तक ऑनलाइन आवेदन पत्र में परिवर्तन (यदि आवश्यक हो) की अनुमति दी जाएगी। **पासवर्ड को बहुत सुरक्षित रखें क्योंकि कोई भी आपके विवरण को बदल सकता है या दुरूपयोग कर सकता है इसके कारण आपके आवेदन पत्र में किसी भी परिवर्तन के लिए जेट कार्यालय जिम्मेदार नहीं होगा। कृपया पासवर्ड विवरण साझा न करें।**
Step-4: Printing of application form	**स्टेप–4: आवेदन फार्म की प्रिन्ट निकालना**
Click the Print button on the web portal and get print of filled application form. Keep this print for your record. If print application form option is not available it means your application is not submitted successfully.	वेब पोर्टल पर प्रिंट बटन पर क्लिक करके भरे हुए आवेदन फॉर्म का प्रिंट अवश्य लेवे। इस प्रिंट को अपने रिकॉर्ड के लिए रखें। प्रिन्ट ऑपशन उपलब्ध नही है तो आपका आवेदन फार्म पूर्ण नही भरा गया है।
Candidates need not to send hard copy of filled application form to the JET Office. But keep with you for ready reference.	**उम्मीदवारों को भरे हुये आवेदन फॉर्म की हार्ड कॉपी जेट कार्यालय को भेजने की जरूरत नहीं है। परन्तु अपने साथ संभालकर रखे।**
5. 0 ADMIT CARD	**5.0 एडमिट कार्ड**
Admit card will be available on website **http://www.jet2020aukota.com** as per schedule. **No admit card will be sent by post or personally to the candidates.** The Coordinator reserves the right to withdraw the permission granted by error to a candidate who is not eligible to appear in the examination even though the admit card has been issued or downloaded and produced by the candidate in front of the centre superintendent.	एडमिट कार्ड वेबसाइट **http://www.jet2020aukota.com** पर सूची में दी गई तिथि से परीक्षा शुरू होने तक उपलब्ध रहेगा। **कोई भी एडमिट कार्ड डाक द्वारा या व्यक्तिगत रूप से उम्मीदवारों को नहीं भेजा जाएगा।** यदि समन्वयक द्वारा किसी उम्मीदवार जो परीक्षा में शामिल होने के लिए योग्य नहीं है फिर भी त्रुटिवश एड़मिड़ कार्ड़ निकल जाता है **या** परीक्षा मे बैठने की अनुमति दे दी जाती है तो अनुमति को वापस लेने का सम्पूर्ण अधिकार समन्वयक के पास सुरक्षित होगा, भले ही जारी एड़मिट कार्ड़ को लेकर केंद्र अधीक्षक के सामने उम्मीदवार उपस्थित क्यों नही हुआ हो।
5.1 Keep the admit card safe till the whole admission process is completed.	**5.1 एड़मिट कार्ड़ को प्रवेश प्रक्रिया के पूर्ण होने तक सुरक्षित रखे।**
6.0 EXAMINATION SCHEME	**6.0 परीक्षा योजना**
6.1 JET is for picking the best candidates, hence, in the vary nature of competitive examination, no syllabus can be prescribed. However, a broad outline is given in **ANNEXURE-II**.	जेट का उद्देश्य अच्छे उम्मीदवारों का चयन करना है, इसलिए सामान्यतयाः ऐसी प्रतियोगी परिक्षाओं के लिये पाठ्यक्रम सिमित एवं निर्धारित नही किया जा सकता फिर भी, परीक्षा के पाठ्यक्रम की रूपरेखा ANNEXURE-II में दी गई है।
The Question Paper will be having following five (5) subjects namely, Agriculture, Biology, Chemistry, Mathematics and Physics. However,	प्रश्न पत्र में निम्नलिखित पांच (5) विषयों कृषि, जीव विज्ञान, रसायन विज्ञान, गणित और भौतिकी होंगें। उम्मीदवार को तीन विषयों के प्रश्न–पत्र हल करने होगें।

candidate has to attempt three subjects only.	
6.2 There would be a single question paper for all the candidates appearing in JET and want admission in different courses.	6.2 जेट में बैठने वाले सभी अभ्यर्थी के लिए एक ही प्रश्नपत्र होगा चाहे अभ्यार्थी किसी भी पाठ्यक्रमों में प्रवेश चाहता हों।
The candidates desiring admission in stream of Agriculture/Horticulture/Forestry/Fisheries/Food Nutrition and Dietetics may attempt any three subjects.	कृषि/बागवानी/वानिकी/मत्स्य पालन/खाद्य पोषण एवं आहार विज्ञान में प्रवेश की इच्छा रखने वाले उम्मीदवार किन्ही तीन विषयों के प्रश्न हल कर सकते हैं ।
For admission in Dairy Technology and Food Technology, candidates must attempt Physics, Chemistry and Mathematics only.	**डेयरी प्रौद्योगिकी और खाद्य प्रौद्योगिकी में प्रवेश के लिए, उम्मीदवारों को केवल भौतिकी, रसायन विज्ञान और गणित के प्रश्न पत्र को ही हल करना आवश्यक है।**
The question paper will be bilingual (English and Hindi) and consists of multiple choice type questions. In case of any discrepancy, English version will be considered correct.	प्रश्न–पत्र द्विभाषी (अंग्रेजी और हिंदी) होगा और इसमें बहुविकल्पीय प्रश्न होंगे। किसी भी विसंगति कि दशा में अंग्रेजी संस्करण को ही सही माना जाएगा।
The question paper will be in the form of a test booklet containing five subjects *viz*. Agriculture, Biology, Chemistry, Mathematics and Physics. Each subject will have 40 multiple choice questions.	प्रश्न–पत्र एक परीक्षा पुस्तिका के रूप में होगा जिसमें पॉच विषय कृषि, जीव विज्ञान, रसायन विज्ञान, गणित और भौतिकी शामिल होगें। प्रत्येक विषय के 40 बहुविकल्पी प्रकार के प्रश्न होगें।
The candidates are required to choose the most appropriate answer and blacken the corresponding circle with the black ball point pen in the OMR sheet (Details for filling answer sheet are given on back side of OMR sheet). The test booklet may be used by the candidates for rough work and the circles/squares printed in it may be used for deciding the correct answer. Assessment will be made only on the basis of marking on the OMR sheet. At the end of examination candidates may carry question booklets with them.	उम्मीदवारों को सबसे उपयुक्त उत्तर चुनना होगा है और ओएमआर शीट में काले बॉल पॉइंट पेन से संबंधित सर्कल को काला करना होगा (उत्तर पत्रक भरने के लिए विवरण ओएमआर शीट के पीछे की ओर दिया गया है)। परीक्षा पुस्तिका का उपयोग उम्मीदवारों द्वारा रफ कार्य के लिए किया जा सकता है और इसमें छपे गोलाकार/वर्गाकार का उपयोग सही उत्तर तय करने के लिए किया जा सकता है। ओएमआर शीट पर मार्किंग के आधार पर ही मूल्यांकन किया जाएगा। परीक्षा के अंत में अभ्यर्थी अपने साथ प्रश्न पुस्तिका ले जा सकेगा।
Marking scheme: Four marks will be awarded for every correct answer and one mark will be deducted for every wrong answer **(Negative marking or answer is erased).** If more than one option is chosen, it will be treated as wrong answer. No marks will be awarded or deducted for unmarked/ unattempted questions.	**अंकन योजनाः** हर सही उत्तर के लिए चार अंक दिए जाएंगे और हर गलत उत्तर **(नकारात्मक अंकन)** के लिए एक अंक काटा जाएगा। अगर एक से ज्यादा विकल्प चुने जाते है तथा मिटाये हुये उत्तर को गलत जवाब माना जाएगा। अचिह्नित/अप्रयास प्रश्नों के लिए कोई अंक प्रदान या काटे नहीं जाएंगे।
The merit list will be prepared on the basis of marks obtained in this examination only.	योग्यता सूची केवल इस परीक्षा में प्राप्त अंकों के आधार पर ही तैयार की जाएगी ।
After obtaining the objections, if any question found ambiguous or having ambiguous answer, correct answer more than one **or**, no correct answer will be dropped and merit will be prepared after giving proportionate weightage on the basis of obtained marks of remaining questions of	आपत्तियाँ प्राप्त करने के बाद यदि कोई प्रश्न अस्पष्ट पाया गया या अस्पष्ट उत्तर पाया गया या सही उत्तर नही होने या एक से अधिक सही उत्तर होने **या** कोई भी सही उत्तर नहीं होने पर ऐसे प्रश्नों को छोडकर प्रत्येक विषय में शेष प्रश्नों के प्राप्त अंकों के समान्तरण के बाद योग्यता तैयार की जाएगी।

respective subject.	
7.0 ENTRANCE EXAMINATION SCHEDULE:	**7.0 प्रवेश परीक्षा कार्यक्रमः**
JET will be conducted as per schedule from 11.00 AM to 1:00 PM on dated **June 07, 2020** at selected cities of the Rajasthan.	जेट निर्धारित समय के अनुसार सुबह 11:00 बजे से दोपहर 1:00 बजे तक निर्धारित दिनांक **07 जून, 2020** को राजस्थान के चयनित शहरों में आयोजित की जावेगी।
The schedule of the test will be:	**परीक्षा का शेड्यूल निम्न प्रकार होगाः**
Reporting time at examination centre **: 10:00 to 10:45 AM**	परीक्षा केंद्र पर प्रवेश का समय **: सुबह 10:00 से 10:45 बजे** तक
Commencement of the examination **: 11:00 AM**	परीक्षा शुरू होने का समय : **सुबह 11:00 बजे**
End of examination **: 01:00 PM**	परीक्षा समाप्ति **: दोपहर बाद 01:00 बजे**
Candidate will not be allowed to leave the examination hall during examination	परीक्षार्थी को परीक्षा के दौरान परीक्षा हॉल छोडने की अनुमति नहीं दी जाएगी।

8.0 INSTRUCTIONS FOR WRITTEN EXAMINATION	**8.0 लिखित परिक्षा के लिए दिशा निर्देश**
The centre will be allotted in the selected cities of the Rajasthan. The JET Office reserve right to allot any city for the JET 2020 from the online choice filled by the candidate. Request for change in examination center will not be considered.	राजस्थान के चयनित शहरों में ही केन्द्र आवंटन किया जायेगा। अभ्यार्थियों के द्वारा ऑन लाईन भरे गये विकल्प में से एक शहर का आवंटन करने का अधिकार जेट कार्यालय के पास सुरक्षित रहेगा। परीक्षा केंद्र में बदलाव के अनुरोध पर विचार नहीं किया जाएगा।
The examination will be held as per above schedule. The doors of examination centre will be opened **at 10.00 AM.**	ऊपर दिए गए कार्यक्रम के अनुसार परीक्षा आयोजित की जाएगी। **सुबह 10:00 बजे** परीक्षा केन्द्र के दरवाजे खोले जाएंगे।
The candidate should ensure that he/she occupies the allotted seat at allotted place well in time only.	उम्मीदवार को यह सुनिश्चित करना है कि वह केवल आवंटित स्थान पर आवंटित सीट पर ठीक समय पर ही बैठा है।
Any candidate occupying the seat of another candidate or change the place shall be treated as case of unfair means and his/her candidature will not be considered for admission	किसी अन्य उम्मीदवार की सीट पर बैठने वाले या जगह बदलने वाले उम्मीदवार को अनुचित तरीके से परीक्षा मे बैठना माना जाएगा और उसकी प्रवेश के लिए उम्मीदवारी पर विचार नहीं किया जाएगा
8.1 Candidates should bring the following documents/ items at the time of examination i. The admit card downloaded from the website **http://www.jet2020aukota.com** for your entry in the examination center and hall. ii. Original recent photo ID: Bring one photo ID in original along with one passport size photo similar with uploaded in application form otherwise you will not be allowed to appear in examination. Photo ID preferably (Aadhar card/ PAN card/ Driving license or ID of the Institute affiliated to any recognized Board or University attended during 2019-20). **Photo ID card of any coaching**	**8.1 अभ्यर्थीयो को परीक्षा के समय निम्नलिखित दस्तावेज / सामग्री लानी होगी।** i. परीक्षा केंद्र और हॉल में अपनी प्रविष्टि के लिए वेबसाईट **http://www.jet2020aukota.com** से डाउनलोड किया गया एडमिट कार्ड। ii. फोटो पहचान पत्रः आवेदन पत्र में अपलोड किए गए एक पासपोर्ट आकार की फोटो के साथ मूल में एक फोटो आईडी लाएं अन्यथा आपको परीक्षा में बैठने की अनुमति नहीं होगी। फोटो आईडी अधिमानतः (आधार कार्ड/पैन कार्ड/ड्राइविंग लाइसेंस या किसी भी मान्यता प्राप्त बोर्ड या विश्वविद्यालय से संबद्ध संस्थान की आईडी 2019–20 के दौरान पढ़ाई की हो)। **किसी**

institute shall not be permissible as ID.	**भी कोचिंग संस्थान का फोटो आईडी कार्ड पहचान पत्र के रूप मे मान्य नहीं होगा।**
Use only black ball point pen provided at the centre for marking the answers.	**उत्तर चिह्नित करने के लिए ब्लैक बॉल प्वाइंट पेन केंद्र पर ही प्रदान किया जाएगा।**
8.2 Candidates should not bring any text-book or notes, log tables, calculators, cell phone, purse/bag, watch, jewellery, any electronic gadget by which communication is possible and any other objectionable material with them in the examination hall. Any electronic devices are not allowed in the campus of examination centre. Having any electronic device, paper, book or purse with you in exam hall, talking with any other person in examination hall or showing question booklet/ OMR/answers to others, removing any page from question booklet, seating at other then allotted seat and disobeying the instruction will be treated as unfair means.	**8.2** उम्मीदवारों को परीक्षा हॉल में कोई भी टेक्स्ट–बुक या नोट्स, लॉग टेबल, कैलकुलेटर, सेल फोन, पर्स/बैग, घड़ी, गहने, कोई भी इलेक्ट्रॉनिक गैजेट जिसके द्वारा संचार संभव हो या अन्य कोई आपत्तिजनक सामग्री अपने साथ नहीं लानी चाहिये। परीक्षा केंद्र के परिसर में किसी भी तरह के इलेक्ट्रॉनिक डिवाइस की अनुमति नहीं है । परीक्षा हॉल में आपके साथ कोई इलेक्ट्रॉनिक डिवाइस, पेपर, बुक या पर्स होना, परीक्षा हॉल में किसी अन्य व्यक्ति के साथ बात करना या दूसरों को प्रश्न पुस्तिका/ओएमआर/उत्तर दिखाना, प्रश्न पुस्तिका से किसी भी पृष्ठ को हटाना, अन्य आवंटित सीट पर बैठना और अनुदेश की अवहेलना करना अनुशासनहिनता कि श्रेणी में माना जाएगा ।
8.3 Dress code:- Half sleeves shirt/ T- shirt (Boys), Half sleeves kurta / top(girls), Sandal or sleeper in feet. Wearing shoes, shocks, wrist watch, ear or nose pins, lockets, chain or any kind of ornament will be not allowed during examination. Wearing of specific dress of any coaching institute should be avoided.	**8.3 ड्रेस कोडः–** आधी आस्तीन शर्ट/टी शर्ट (लड़के), आधी आस्तीन कुर्ता/टॉप (लड़कियां), पैरों में चप्पल या स्लीपर। जूतें, जुराफ, कलाई घड़ी, कान या नाक की पिन, चेन, लॉकेट या किसी भी तरह के आभूषण पहनकर परीक्षा मे बैठने की अनुमति नहीं दी जाएगी। किसी भी कोचिंग संस्थान की विशिष्ट ड्रेस पहनकर परीक्षा मे नही आवे।
All Jewellery should be removed at the home so that no problem may arises at examination centre, to remove the same and theft if any, Centers shall not be responsible for security of belongings of candidates. With jewellery candidate will not be allowed in examination centre.	घर पर ही सभी आभूषणों को उतारकर आवे जिससे परीक्षा केंद्र पर कोई समस्या उत्पन्न न हो। यदि केंद्र पर उम्मीदवार सामान लाता है और वहां से चोरी हो जाता है तो इसकी जिम्मेदारी परीक्षा केन्द्र की नही होगी। आभुषण के साथ अभ्यर्थी को परीक्षा केन्द्र में अनुमति नहीं दी जाएगी।
To avoid delay in reaching to centre on the day of examination, candidates are advised to visit centre or confirm the address of centre and mode of transport one day prior to the examination.	परीक्षा के दिन केंद्र तक पहुंचने में देरी से बचने के लिए उम्मीदवारों को सलाह दी जाती है कि वे परीक्षा से एक दिन पहले केंद्र का पता और परिवहन के तरीके की पुष्टि कर लेवे ।
Soon after the question booklet is given to the candidate, he/she should ensure before writing his role number that it is sealed and contains all the pages and no question is missing.	अभ्यर्थी को प्रश्न पुस्तिका दिए जाने के तुरंत बाद रोल नंबर लिखने से पहले उसे यह सुनिश्चित करना चाहिए कि प्रश्न पत्र सील बन्द है और इसमें सभी पृष्ठ है और कोई प्रश्न कम नही है।
8.4 Discipline and unfair means During the course of examination, the candidate shall be under the discipline and control of the Centre Superintendent and shall abide by the instructions issued during the examination by the	**8.4 अनुशासन व अनुशासनहीनता** परीक्षा के दौरान परीक्षार्थी केंद्र अधीक्षक के अनुशासन और नियंत्रण में रहेगा और समय–समय पर अभीजागर या केंद्र अधीक्षक द्वारा परीक्षा के दौरान जारी निर्देशों की अनुपालन करनी होगी।

invigilators or the Centre Superintendent from time to time.	
Candidate found acting in a manner, which in the opinion of the invigilator, is liable to give unfair advantage to another candidate, shall be treated case of unfair means and his/her candidature will be cancelled.	उम्मीदवार कोई ऐसा कार्य करते हुए पाया जाता है जो कि अभीजागर की राय में, किसी अन्य उम्मीदवार को अनुचित लाभ देने के लिए है को अनुचित साधनों का उपयोग माना जाएगा और उस उम्मीदवार की उम्मीदवारी रद्द कर दी जाएगी।
The Invigilators, Flying squad and Centre Superintendent shall be competent to take search of any candidate. A candidate possessing objectionable material or resisting search shall be punishable as per rules of unfair means and loose his/her candidature.	अभीजागर, उड़नदस्ता सदस्य और केंद्र अधीक्षक किसी भी अभ्यर्थी कि परीक्षा के दौरान तलाशी ले सकते। आपत्तिजनक सामग्री रखने वाले या तलाशी का विरोध करने वाले उम्मीदवार को अनुचित साधनों के उपयोग करने के नियमानुसार दंडित किया जाएगा और उसकी प्रवेश के लिये पात्रता खत्म कर दी जावेगी।
Candidate resorting to use of unfair-means shall be turned out of the examination hall/room and his examination shall be treated as cancelled. The Centre Superintendent shall be the judge to determine whether unfair-means have been resorted to. The centre superintendent will submit the report stating full facts of the case of unfair-means to the JET Coordinator for further necessary action, required if any.	अनुचित साधनों के उपयोग का सहारा लेने वाले उम्मीदवार को परीक्षा हॉल/कक्ष से बाहर कर दिया जाएगा और उसकी परीक्षा को रद्द माना जाएगा। केंद्र अधीक्षक यह निर्धारित करने के लिए अधिकृत होंगे कि क्या अनुचित साधनों का सहारा लिया गया है। केंद्र अधीक्षक अनुचित साधनों के उपयोग के मामले को पूरे तथ्यों के साथ रिर्पोट को आवश्यक कार्यवाही के लिए जेट समन्वयक को प्रस्तुत करेंगे।
Examinees can use only the urinals available at the centre and earmarked for them. For this the candidate shall not leave the examination room without prior permission of the invigilator and escort. Permissible only in case of emergency.	परीक्षार्थियों के उपयोग के लिए परीक्षा केन्द्र पर उपलब्ध मूत्रालय का ही उपयोग किया जा सकेगा। इसके लिए अभ्यर्थी अभीजागर की ना पूर्वानुमति के और बिना एस्कॉर्ट के परीक्षा कक्ष नहीं छोड़ेगे। केवल आपातकालिन स्थिति में परीक्षा कक्ष छोडने अनुमति दी जावेगी।
Smoking and consumption of other intoxicants by the candidates are strictly prohibited in the examination hall / room /centre and will be treated as unfair means.	परीक्षार्थियों द्वारा परीक्षा हॉल/कक्ष/केंद्र में धूम्रपान और अन्य नशीले पदार्थों का सेवन प्रतिबन्धित है। अगर अभ्यर्थी इनका उपयोग करते हुए पाया गया तो प्रवेश के लिए पात्रता रदद कर दी जावेगी।
No guarantee is given to the candidates regarding the order of the questions in question paper.	प्रश्नपत्र में प्रश्नों के क्रम के संबंध में अभ्यर्थियों को कोई गारंटी नहीं दी जाती है।
The result of the test will be declared on specified date. No enquiries by email, telephone or post concerning the result will be attended.	परीक्षा का परिणाम निर्धारित तिथि को घोषित किया जाएगा। परीक्षा परीणाम से सम्बन्धित कोई भी पूछताछ व्यक्तिसः, ई–मेल, टेलीफोन या ड़ाक द्वारा संज्ञान मे नहीं लिया जायेगा।
All original documents are to be submitted to the allotted college at the time of registration.	पंजीकरण के समय सभी मूल दस्तावेज आवंटित महाविद्यालय में जमा कराने होंगे।
8.5 OMR Sheets: Candidates should carefully read the instructions given in the question paper booklet and OMR before they begin to mark their answers.	**8.5 ओ एम आर सीटः** अभ्यार्थी अपने उत्तरों को चिह्नित करने से पहले प्रश्न पत्र पुस्तिका और ओएमआर में दिए गए निर्देशों को सावधानीपूर्वक पढ़ लेवे।
Entry of booklet number and series code on OMR should be done only after getting proper question booklet and satisfying yourself.	ओएमआर पर बुकलेट नंबर और सीरीज कोड का प्रवेश उचित प्रश्न पुस्तिका मिलने और खुद को संतुष्ट करने

	के बाद ही इन्द्राज किया जाना चाहिए।
Question booklet/ OMR sheet shall be replaced to candidate only when there is any printing defect/torn condition within 10 minutes *i.e.,* up to 11:10 AM. **Do not use Eraser, Correcting Fluid or Blade to make any correction in OMR. That answer will be treated as wrong.**	प्रश्न पुस्तिका/ओएमआर शीट को उम्मीदवार को तभी बदला जाएगा जब 10 मिनट के भीतर या 11:10 बजे तक कोई मुद्रण दोष/फटे की स्थिति हो। **ओएमआर में कोई सुधार करने के लिए रबर, सुधार द्रव्य या ब्लेड से ठीक नही करें। इसे गलत उत्तर माना जायेगा।**
Before attempting the answers, the candidate shall write his/her Roll number and other details at the place provided for the purpose on the test booklet and OMR sheet. The candidate should indicate the answer on the OMR by blackening the circle with black ball point pen provided, otherwise his/her answer will not be evaluated. Avoid any stray mark in the circle else it will be treated as answer given. Candidate must ensure before submission that their OMR has been duly signed by the invigilator.	उत्तर चिन्हित करने से पहले, उम्मीदवार को परीक्षा पुस्तिका और ओएमआर शीट पर इस हेतु प्रदान की गई जगह पर अपना रोल नंबर और अन्य विवरण लिखना होगा। अभ्यर्थी को ओएमआर शीट में इस उद्देश्य के लिए प्रदान किए गए ब्लैक बॉल पॉइंट पेन से सर्कल को काला करना चाहिए, अन्यथा उसके उत्तर का मूल्यांकन नहीं किया जाएगा। गोलो में किसी भी प्रकार के निसान से बचे क्योकि यह उत्तर दिया माना जायेगा। जमा कराने से पूर्व उम्मीदवार को यह सुनिश्चित करना चाहिए कि उनके ओएमआर पर अभीजागर द्वारा विधिवत हस्ताक्षर किए गए हैं।
The candidate should not write his/her name or any sign/mark at any place on the OMR sheet, which may disclose his/her identity else there candidature will be cancelled.	उम्मीदवार को उत्तर पुस्तिका के किसी भी स्थान पर अपना नाम/हस्ताक्षर/कोई चिह्न नहीं करना चाहिये, जिससे उसकी पहचान हो सके। ऐसा पाये जाने पर उसकी उम्मीदवारी रद्द कर दी जावेगी।
Sample of OMR is given in **ANNEXURE**-III.	**ANNEXURE**-III में ओएमआर का नमूना दिया गया है।
8.6 EVALUATION OF OMR SHEETS: The OMR sheets will be evaluated and marks will be displayed as per schedule date given in **ANNEXURE-IV.**	**8.6 ओएमआर सीट की जॉच :** ओएमआर सीट की जॉच होने पर नियत तिथि **ANNEXURE-IV** के अनुसार प्राप्तांक अंक प्रदर्शित किये जायेगे।
If candidate fill circle in OMR for more than three subjects then only first three subjects will be considered for result preparation.	यदि अभ्यर्थी ने ओएमआर मे तीन विषयो से ज्यादा विषयों के गोले काले करता है तो परिणाम तैयार करने के लिये प्रथम तीन विषय ही सम्मलित किये जायेगे।
Four marks will be awarded for every correct answer and one mark will be deducted for every wrong answer **(Negative marking)**. If more than one option is chosen or erased the answer, it will be treated as wrong answer. No marks will be awarded or deducted for unmarked/un-attempted questions.	प्रत्येक प्रश्न सही के चार अंक मिलेंगे व प्रत्येक गलत उत्तर (**नकारात्मक अंकन**) के लिए एक अंक काट लिया जायेगा। यदि एक से ज्यादा विकल्प चुने जाते है या उत्तर मिटाया जाता है तो इसे गलत उत्तर माना जायेगा। अचिंहित/अप्रयासित प्रश्नों के लिए कोई अंक प्रदान या काटे नही जायेगें।
Candidate should note that there will be no re-evaluation of the OMR sheet.	अभ्यर्थी को ध्यान देना चाहिए कि ओएमआर शीट का पुनर्मूल्यांकन नही होगा।
Candidate can challenge the answer key as per given schedule (objection on any question/answer) by paying Rs. 500/- towards processing fees per question, the fees can be paid online through Debit/Credit/Net Banking	**अभ्यर्थी को यदि उत्तर कुंजी में किसी प्रश्न के उत्तर पर कोई आपत्ति है तो वह आपत्ति दर्ज करने का शुल्क 500/– रूपये प्रति प्रश्न है। डेबीट/क्रेडीट कार्ड/नेट बैंकिग के द्वारा ऑन लाईन शुल्क जमा करवाकर आपत्ति**

etc. Candidate should note that the fee paid will be refunded if the challenge is found correct and forfeited if incorrect. However, no challenge will be entertained without receipt of processing fees.	**दर्ज करवानी होगी। यदि अभ्यर्थी द्वारा दर्ज आपत्ति सही पाई गयी तो शुल्क वापिस कर दिया जायेगा एवं आपत्ति सही नही होने पर आपत्ति शुल्क जप्त हो जायेगा। कोई भी आपत्ति बिना शुल्क प्राप्त हुए दर्ज नही कि जायेगी।**
After obtaining the objections, result will be prepared on the basis of revised key and if any question found ambiguous or having ambiguous answer, correct answer more than one, no correct answer will be dropped and merit will be prepared after giving proportionate weightage on the basis of remaining correct questions for each subject. Merit will be prepared by sum over the subjects.	आपत्तियां प्राप्त करने के बाद बदली हुई उत्तर कुंजी के आधार पर दुबारा परिणाम बनाया जावेगा। यदि कोई प्रश्न अस्पष्ट पाया गया या अस्पष्ट उत्तर पाया गया या सही उत्तर नही होने या एक से अधिक उत्तर, कोई सही उत्तर नहीं होने पर प्रश्न को छोडकर शेष प्रश्नों के प्राप्त अंकों को समान्तर महत्व के आधार पर विषयवार अंक दिए जाऐंगे। विषयों की जोड से मेरीट बनाई जावेगी।
Revised marks will be updated and option form will be allowed as per schedule in **ANNEXURE-IV**	संशोधित अंक अद्यतन होगे व नियत तिथि के अनुसार विकल्प पत्र भरने की अनुमति **ANNEXURE-IV** के अनुसार दी जायेगी।
NOTE: Information regarding college wise number of seats, filling of option form etc. for seeking admission will be displayed after declaration of result.	**नोटः** कॉलेज वार सीटों की संख्या, प्रवेश लेने के लिए विकल्प फार्म भरने आदि के बारे में जानकारी परिणाम घोषित होने के बाद ही प्रदर्शित की जाएगी ।
9.0 FILLING THE ONLINE OPTION FORM	**9.0 ऑन लाईन विकल्प फार्म भरना**
All the JET appeared candidates are eligible for filling the online option form**.**	जिन अभ्यर्थियों ने जेट कि परीक्षा दी है वे सभी ऑन लाईन विकल्प पत्र भरने के पात्र होगें।
Online option form fee is Rs 5000/- +bank charges, if any.	ऑन लाईन विकल्प फार्म भरने के लिये शुल्क 5000/– रूपये + बैंक चार्ज यदि कोई हो तो जमा कराना होगा।
Fees of Rs. 5000/- deposited with option form (online) will be adjusted in college fees of the candidate. **In case of not depositing remaining fee and not reporting in college on prescribed date, Rs. 5000/- will be forfeited** *i.e.*, neither it will refunded to the candidate nor transferred to the institute where candidate admitted provisionally.	यदि अभ्यर्थी नियत दिनांक को महाविद्यालय कि बकाया शुल्क जमा कर देता है और महाविद्यालय मे समय पर उपस्थिती दर्ज कराता है तो विकल्प फार्म (ऑनलाइन) के साथ जमा 5000/– रुपए को अभ्यर्थी की कॉलेज फीस में समायोजित किया जायेगा **अन्यथा यह राशि जब्त कर ली जाएगी** यानी न तो यह उम्मीदवार को वापस मिलेगी और न ही उस संस्थान में स्थानांतरित होगी जहां उम्मीदवार को अस्थाई रूप से प्रवेश दिया गया था।
Deposit the online fee from your own or relatives bank account/debit or credit card link to some bank account. Avoid E-mitra account or do not close the account so you may not face any problem in refund, if any, Please note down the bank details such as Account number, transaction ID and date etc. It will be helpful in refund if any. The JET office will not provide bank details of refunded amount as the amount will be refunded in the account where from you have deposited the amount.	अभ्यर्थी ऑनलाईन फीस या तो खुद के खाते से या निकट सम्बंधी के खाते से ही जमा करावे। ई–मित्र वाले के खाते से फीस जमा नही करवाये और ना हि खाते को बंद करावे जिससे फीस वापसी में किसी प्रकार की समस्या नही आवें। वरना राशी वापिस होने मे होने वाली परेशानी का अभ्यर्थी स्वयं जिम्मेदार होगा। अभ्यर्थी को सलाह दि जाती है कि बैंक खाते का नम्बर, ट्रांजेक्शन आईड़ी एवं दिनांक को लिखकर रखे ताकि शुल्क वापिस में मददगार हो सके। यह कार्यालय शुल्क वापसी पर बेंक खाते का विवरण नही दे पायेगा और शुल्क वापस उसी खाते में आयेगा जहां से जमा कराया है।

Candidate must read the instructions and Schedule in ANNEXURE-IV very carefully before filling up the option form to avoid any mistake.	**अभ्यर्थी ऑन लाईन विकल्प पत्र भरने से पहले ऑन लाईन फार्म भरने के निर्देश व नियत तिथि को ANNEXURE-IV अच्छी तरह पढ ले ताकि ऑन लाईन विकल्प फार्म भरते समय होने वाली किसी प्रकार की गलती से बचा जा सके।**
Candidate must keep ready the information and list of colleges along with order of choice on a separate paper and mark sheets or desired certificates if any. Please don't fill college choice in option form where candidate don't want to take admission.	अभ्यर्थी ऑन लाईन विकल्प फार्म भरने से पहले अपनी पसन्द के महाविद्यलयों कि क्रमवार सूची व आवश्यक अंक तालिका व आवश्यक प्रमाण पत्र यदि कोई हो का स्केन कर तैयार रखें। जिस महाविद्यालय मे अभ्यर्थी प्रवेश नही लेना चाहता है उन महाविद्यालयों को विकल्प फार्म मे नही भरे।
There will be no provision for any change/modification after final submission of the option form. However, candidate may edit the option form up to stipulated editing date given in Schedule ANNEXURE -IV	**अभ्यर्थी को ऑन लाईन विकल्प फार्म मे सुधार/बदलाव करने का अवसर विकल्प फॉर्म भरने की अंतिम तिथि के बाद नही होगा। तथापि, अभ्यर्थी नियत तिथि तक ANNEXURE -IV के अनुसार ही अपना विकल्प फॉर्म में सुधार कर सकता है।**
Option of B. Tech. (Dairy Technology) and B. Tech. (Food Technology) will be available only for those candidates having PCM in 12th class and attempted the **PCM (Physics, Chemistry & Mathematics)** in JET Examination.	**जिन अभ्यर्थी ने जिन्होने 12वीं कक्षा एवं जेट परीक्षा मे भौतिक विज्ञान, रसायन विज्ञान व गणित का प्रश्न पत्र हल किया है वही अभ्यर्थी बी. टेक. (डेयरी टेक्नोलोजी) व बी. टेक. (फूड टेक्नोलोजी) का विकल्प भरने के लिये योग्य होगे।**
Candidates from other States than Rajasthan will only be eligible for admission in Private Universities.	**राजस्थान राज्य के अलावा अन्य राज्यों के अभ्यर्थियों को केवल निजि विश्वविद्यालयों में ही प्रवेश के लिये योग्य माना जायेगा।**
Candidate willing to seek admission **on payment seat** should also fill the option for the same with appropriate number of choice. These seats will also be filled from the same merit.	जो अभ्यर्थी **वित्त पोषित सीट** पर प्रवेश लेना चाहते है वह अपना पसन्द के विकल्प उचित वरीयता के अनुसार भर सकते है। इसी मेरीट के आधार पर वित्त पोषित सीट भरी जायेगी।
Details about college, fees and hostel facility may be obtained from **"About the colleges"** of JET website or he/ she may contact to the college directly.	कॉलेज, फीस और हॉस्टल की सुविधा के बारे में विवरण इस वेबसाइट के **"कॉलेजों के बारे में"** से प्राप्त किया जा सकता है या वह सीधे कॉलेज से संपर्क कर सकता है।
Candidate is advised to check the correctness of information before submitting the option form. In case of any wrong information the admission will be cancelled at college level and candidate will be treated as not reported and this seat will be allotted to another candidate in next counseling and option form fee Rs. 5000/- will be forfeited.	**उम्मीदवार को सलाह दी जाती है कि वह विकल्प फॉर्म प्रस्तुत करने से पहले जानकारियों को सही से जांच कर लेवें। कोई भी गलत जानकारी होने पर कॉलेज स्तर पर प्रवेश रद्द कर दिया जाएगा और उम्मीदवार को रिर्पोटेड़ नहीं माना जाएगा और अगली काउंसलिंग में यह सीट किसी अन्य उम्मीदवार को आवंटित कर दी जाएगी और विकल्प फार्म की फीस 5000/– रूपये जब्त कर ली जाएगी।**
If candidate will not get admission in any of the institute filled in option form the fee of Rs. 5000/- will be refunded through the same channel where from he/she paid the fees.	यदि अभ्यर्थी के विकल्पित किसी भी संस्थान में प्रवेश नहीं मिलेगा तो उस द्वारा जमा 5000/–रूपये उसी चैनल के माध्यम से वापस कर दिये जायेगें, जहां से उसने इस फीस का भुगतान किया था ।

In case amount is deposited from Emitra or any other agency account, then take all bank details including Account number and transaction ID and date wherefrom this amount has been deducted. As amount will be refunded in this account and he may not refuse to pay the refund. JET office will not provide the bank account detail. If card not link to any bank account you may face problem in refund.	**यदि ई–मित्र या किसी अन्य एजेंसी से राशि जमा की जाती है तो खाता संख्या और लेन–देन आईडी व दिनांक सहित सभी बैंक विवरण लिख लेवें जिससे यह राशि काटी गई है। चूंकि इस खाते में ही राशि वापस की जाएगी और वह पुनः भरण देने से इनकार नही कर सकता है।** यह आफिस उक्त बैंक खाते कि जानकारी नही दे पायेगा। कार्ड का बेंक खाते से सम्बंध न होने पर पुनः भरण मे परेशानी आ सकती है।
Through above option form, three times seats will be allotted.	उपरोक्त विकल्प फॉर्म के माध्यम से तीन बार सीटे आवंटित की जाएगी।
10.0 Seat Allotment	**10.0 सीट आवंटन**
10.1 First counselling: All the candidates will be arranged in a que following reservation roaster and marks obtained in JET. Tie if any will be broken on the basis of marks obtained in12th followed by in 10th and age. Higher marks and age will be given priority.	**10.1 प्रथम आवंटनः** कॉलेज और विश्वविद्यालयों में सीट आवंटित करने के लिए जेईटी परीक्षा में प्राप्त अंको व आरक्षण के रोस्टर के अनुसार सभी अभ्यर्थी एक कतार में किये जायेंगे। जेट परीक्षा मे समान अंक प्राप्त होने पर वरीयता तय करने के लिये 12 वीं उसके बाद 10 वीं के प्राप्त अंक उसके बादअभ्यर्थी की उम्र देखी जायेगी। अधिक अंक व आयु को वरियता दि जायेगी।
Option form of candidate stand at the top in the que will be assessed and institution in the order of priority given by the candidate will be allotted subject to availability of seats.	कतार से अभ्यर्थी के द्वारा दी गई वरियता के आधार पर ऑप्सन पत्र मे चयनित संस्थानों के क्रम में सीट उलब्ध होने पर सीट आवंटित कि जायेगी।
In case of non availability of horizontal reservation category candidate seat will be filled by vertical reservation candidate and then by the candidate stand in the merit.	क्षतीज आरक्षण के अभ्यर्थी कि अनुपलब्धता पर वह सीट उसी केटेगरी के लम्बवत आरक्षण के अभ्यर्थी द्वारा भरी जावेगी।
The reserve seats will be allotted to reserve candidates only based on merit, 200 point roster and candidate choice, if option form of those category candidates is available. Else, the seat will be allotted of respective reserve seats followed same pattern of merit, 200 point roster and candidate choice, where from that seat get reserve. If reserved candidate is not available than seat will be allotted to general candidate.	**केवल आरक्षित सीटे आरक्षित वर्ग के उम्मीदवारों को मेरीट, 200 पॉईन्ट रोस्टर एवं अभ्यर्थी का विकल्प के आधार पर आवंटित की जाएगी, उपरोक्त को आधार मानकर आरक्षित वर्ग की सीटे आरक्षित वर्ग के अभ्यर्थियों द्वारा ही भरी जायेगी। यदि आरक्षित वर्ग के अभ्यर्थियों की अनुपलब्धता की स्थिति में खाली सीटों का आवंटन सामान्य वर्ग के अभ्यर्थीयो को आवंटित किया जायेगा।**
10.2 Upward Assessment	**10.2 ऊपर (अपवाड़) मूल्यांकन**
First upward assessment and second councilling:	**पहला ऊपर (अपवाड़) की ओर मूल्यांकन एवं द्वितीय आंवटनः**
Candidate gets institution in first allotment, either deposit the fees of that institution online or apply for upward assessment after paying non-refundable fee of Rs 800 in case he/she wants to change the institution upto stipulated date. Else treated as not reported.	जिन अभ्यर्थियों को पहले आवंटन में कॉलेज मिली उन्हें उस संस्थान की फीस ऑनलाइन जमा करानी होगी या फिर पुर्व में जमा विकल्प पत्र में से ऊपर की ओर मूल्यांकन करने हेतु 800/– रुपये शुल्क जमा कराकर निश्चित दिनांक से पुर्व ऑनलाईन आवेदन करना होगा अन्यथा अभ्यर्थी को अनुपस्थित माना जाएगा।

The seats of not reported candidates and candidates applied for upward assessment and gets other institution will be filled by the remaining candidates and candidates applied for upward assessment on the basis of merit and taking reservation under consideration.	जो अभ्यर्थी आवंटन मे अनुपस्थित होगे व अपवर्ड मे नया महाविद्यालय का आवंटन होने कि वजह से खाली सीटों को शेष विकल्प भरे हुए विद्यार्थी से उनकी वरीयता, विकल्प व आरक्षण नीति को ध्यान मे रखते हुए, भरी जायेगी।
The reserve seats will be filled by the same category and sub category candidates. In case of non availability of such candidate the seat will be filled by the candidate of the higher category wherefrom this seat was reserve.	आरक्षित सीटें केवल आरक्षित वर्ग के उम्मीदवारों से ही भरी जावेगी। क्षतीज आरक्षण के अभ्यर्थी कि अनुपलब्धता पर वह सीट उसी केटेगरी के लम्बवत आरक्षण के अभ्यर्थी द्वारा भरी जावेगी। ऐसा अभ्यर्थी न मिलने पर मेरीट से उक्त सीट भरी जावेगी।
10.3 Second upward assessment and third councilling:	**10.3 दूसरा ऊपर (अपवार्ड) की ओर मूल्यांकन एवं तृतीय आंवटनः**
Candidates get seat in second allotment (upward or new) have to either deposit the online fees of that institution or apply for further upward assessment to get the better choice from the submitted option form after paying non-refundable fee of Rs 800/- before stipulated date and time else treated as not reported.	जिन उम्मीदवारों को दूसरे आवंटन में सीट मिलती है उन्हे या तो उस संस्थान की ऑनलाइन फीस जमा करनी होगी या फिर 800/– रुपये ऑनलाइन शुल्क जमा करा कर ऊपर की ओर मूल्यांकन के लिए नियत तिथी एंव समय तक आवेदन करना होगा अन्यथा अभ्यर्थी को अनुपस्थित माना जाएगा।
The seats of not reported candidates and candidates applied for upward assessment and gets other institution will be filled by the remaining candidates and candidates applied for upward assessment on the basis of merit and taking reservation under consideration.	अनुपस्थित अभ्यर्थियों व अपवर्ड मे नया महाविद्याालय के आवंटन होने कि वजह से खाली सीटों को शेष विकल्प भरे हुए व अपवर्ड वाले अभ्यर्थीयों से उनकी वरीयता, विकल्प व आरक्षण नीति को ध्यान मे रखते हुए भरी जायेगी।
The reserve seats will be filled by the same category and sub category candidates. In case of non availability of such candidate the seat will be filled by the candidate of the higher category wherefrom this seat was reserve.	**आरक्षित सीटें केवल आरक्षित वर्ग के उम्मीदवारों से ही भरी जावेगी। क्षतीज आरक्षण के अभ्यर्थी कि अनुपलब्धता पर वह सीट उसी केटेगरी के लम्बवत आरक्षण के अभ्यर्थी द्वारा भरी जावेगी। ऐसा अभ्यर्थी न मिलने पर मेरीट से उक्त सीट भरी जावेगी।**
On or before stipulated date the candidates get seat in third allotment has to deposit the fees of that institution online else candidate will be treated as not reported.	निर्धारित तिथि तक उक्त आवंटित अभ्यर्थियों को उस संस्था की फीस ऑनलाइन जमा करानी होगी अन्यथा अभ्यर्थी को अनुपस्थित माना जाएगा।
The upward assessment fee of Rs. 800/- is non-refundable whether candidate gets better choice from the option form or not.	ऊपर की ओर मूल्यांकन शुल्क 800/– रुपये गैर–वापसी योग्य (नॉन–रिफन्डेबल) है चाहे उम्मीदवार को विकल्प फॉर्म से बेहतर विकल्प मिलता है या नहीं।
After upward assessment if he/she get any other college or allotment remain unchanged, he or she will be required to accept final allotment and deposit the requisite fee of allotted college otherwise the admission will be treated as cancelled and amount of Rs.5000/- deposited along with option form will be forfeited.	ऊपर की ओर मूल्यांकन के बाद यदि उसे कोई अन्य कॉलेज मिलता है या आवंटन अपरिवर्तित रहता है तो उसे अंतिम आवंटन स्वीकार करना होगा और आवंटित कॉलेज की अपेक्षित फीस जमा करनी होगी अन्यथा प्रवेश रद्द माना जाएगा और आप्सन फार्म के साथ जमा 5000/– रुपये राशि जब्त हो जायेगी।

11.0 REPORTING IN THE INSTITUTION	**11.0 संस्थान में रिर्पोट करना**
Candidate accepted the allotment and deposited online fee has to report in the institution on the schedule date along with all original documents and their self-attested copies viz. 10^{th} and 12^{th} mark sheets and certificates, domicile certificate, reservation certificate, self-declaration (in case of OBC/MBC) certificate, recent income certificate, two recent passport size photograph, fee deposition receipt and one self attasted copy of all above documents.	अभ्यर्थी जिन्होने आवंटन स्वीकार किया और ऑनलाइन शुल्क जमा कराया को सभी मूल दस्तावेज जैसे 10वीं और 12वीं अंक तालिका और प्रमाण पत्र, मूलनिवास प्रमाण पत्र, आरक्षण प्रमाण पत्र, स्वघोषणा (ओबीसी/एमबीसी) प्रमाण पत्र, हाल का आय प्रमाण–पत्र, दो पासर्पोट आकार के फोटो, शुल्क जमा रसीद और उनकी स्वयं द्वारा सत्यापित प्रत्तियों के साथ नियत तिथि पर संस्था में रिपोर्ट करना होगा।
Failing to report on the given date or lacking any document will be treated as not reported candidate and the option form fee will be forfeited. Vacant seat will be filled by other candidate in next counseling. **Institution fee (other than option form fee Rs. 5000/-) will only refund in the same account if the seat will filled**.	दी गई तारीख पर रिपोर्ट करने में विफल रहने या किसी भी दस्तावेज की कमी की स्थिति में रिपोर्ट नही किए गए उम्मीदवार के रूप में माना जाएगा और विकल्प फॉर्म शुल्क रूपये 5000/– जब्त करली जायेगी। अगली काउंसलिंग में खाली सीट शेष अन्य उम्मीदवार द्वारा भरी जाएगी। **केवल संस्था शुल्क (विकल्प फॉर्म शुल्क के अलावा) तभी वापस देय होगी जब वह सीट अगले आंवटन में भरी जाएगी। राशी उसी खाते मे आयेगी जहां से जमा कराई गयी।**
12.0 OPTION FORM FOR ONLINE SPOT FINAL COUNSELLING	**12.0 ऑन लाईन स्पोट अंतिम काउंसलिंग हेतु ऑप्शन फॉर्म**
If seats remain vacant after above reporting same will be filled through this option form	यदि ऊपर रिपोर्टिंग के बाद सीटें खाली रहती हैं तो उन्हे इस **ऑप्शन फॉर्म** द्वारा भरा जाएगा।
Online option form will be invited as per the schedule	अनुसूची के अनुसार ऑनलाइन विकल्प फॉर्म भराया जाएगा।
Candidates not filled option previously, not get admission or not reported are eligible for this online option form. Candidates reported in the institutions will not be eligible.	इस अंतिम ऑनलाइन ऑप्सन फॉर्म हेतु वे सभी अभ्यर्थी पात्र होंगे जिन्होने पूर्व में ऑप्सन फॉर्म नही भरा, जिनको प्रवेश नही मिला या रिपोर्ट नही किया। संस्थानों में प्रवेशरत अभ्यर्थी इस ऑप्सन फॉर्म के पात्र नहीं होंगे
Online option form may be filled after paying Rs 5000/- + the bank charges, if any.	5000/– रुपये + बैंक शुल्क यदि कोई हो तो ऑनलाइन जमा कराने के बाद ही ऑनलाइन विकल्प फॉर्म भरा जा सकता है।
Candidats filled first option form and not get seat need not to deposit Rs 5000/- again but have to fill the option form again.	अभ्यर्थी जिन्होने प्रथम ऑप्सन फॉर्म भरा किन्तु सीट नही मिली को दुबारा 5000/– रुपये जमा कराने कि आवश्यकता नही है किन्तु नया ऑप्सन फॉर्म भरना आवश्यक है।
Vacant seats will be filled by the category candidates if available else from the candidates wherefrom the seat get reserve using merit and above option form.	रिक्त सीटें उसी श्रेणी के अभ्यर्थियों से भरी जावेगी। ऐसे अभ्यर्थी की अनुपल्ब्धता पर यह सीट ऐसे अभ्यर्थी से भरी जावेगी जहां से वह सीट आरक्षित की गयी थी।
Candidate has to deposit the fee of allotted college online and report in the college on given date along with all original documents and their self-attested copies.	अभ्यर्थी को आवंटित कॉलेज की फीस ऑनलाइन जमा करनी होगी और दी गई तारीख पर सभी मूल दस्तावेजों और उनकी स्वप्रमाणित प्रतियों के साथ कॉलेज में रिपोर्ट

	करना होगा।
Seats of not reported candidates will be filled from remaining candidates who filled the option form by the category candidates if available else from the candidates wherefrom the seat get reserve.	रिपोर्ट नहीं किए गए उम्मीदवारों की सीटें शेष उसी श्रेणी के अभ्यर्थियों से भरे जाएगी। ऐसे अभ्यर्थी कि अनुपलब्धता पर यह सीट ऐसे अभ्यर्थी से भरी जावेगी जहां से वह सीट आरक्षित कि गयी थी।
Candidate has to deposit the fee of allotted college online and report in the college on given date along with all original documents and their self-attested copies.	अभ्यर्थी को आवंटित कॉलेज की फीस ऑनलाइन जमा करनी होगी और सभी मूल दस्तावेजों और उनकी स्वप्रमाणित प्रतियों के साथ दी गई तारीख पर कॉलेज में उपस्थिति देनी होगी।
The admission process will be closed with this process even seat remains vacant.	इस प्रवेश प्रकिया के बाद यदि सीट खाली रहती है तो भी प्रवेश प्रक्रिया को बंद माना जाय।
13.0 Candidates are advised to visit the website for changes in dates, system, or any other information from time to time. The office of the JET Coordinator will not be responsible for not reaching the any changes to the candidate in time.	**13.0 अभ्यर्थियों को सलाह दी जाती है कि वे समय–समय पर तारीख, प्रणाली एवं किसी अन्य जानकारी में परिवर्तन के लिए वेबसाइट देखते रहे। किसी प्रकार के परिवर्तनों समय पर उम्मीदवार तक नही पहुंचने के लिए जेट समन्वयक कार्यालय जिम्मेदार नही होगा।**

ANNEXURE –I

CERTIFICATE FOR DEFENCE WARD

This is to certified that Mr./Ms. (Name of candidate)……born on dated……..son/ daughter of (Father's/Mother's Name) ……worked in the ……(Army/Navy/Airforce). He/She ……belong to defence priority ……. (I/II/III/IV).

Priority-I : EXS (a) - Killed in Action
Priority-II : EXS (b) -Disabled in action and boarded out from service/died while in service with death attributable to military service/disabled in service and boarded out with disability attributable to military service.
Priority-III : EXS (c) - Gallantry Award Winners
Priority-IV : EXS (d) - Ex-Servicemen
50% of the reserved seats of defence quota will be earmarked for the girls.

Candidate's photo	Candidate father's photo

Signature of competent Authority with seal

अनुलग्नक –I
सैनिकों के बच्चों के लिए प्रमाण पत्र

यह प्रमाणित है कि श्री/सुश्री (अभ्यार्थी का नाम) .....जन्म तिथि.....पुत्र /पुत्री (सैनिक पिता/माता का नाम) .....ने सेना की (थलसेना/नौसेना /वायुसेना).....मे काम किया है। ये सैन्य सेवा के लाभ हेतू प्राथमिकता.....(I/II/III/IV) से संबंधित है।

प्राथमिकता– I EXS (a) – युद्ध के दौरान मारे गए
प्राथमिकता– II EXS (b) – युद्ध या सैनिक कार्यवाही के दौरान अपाहिज़ हो गये जिस कारण सेवा से बाहर कर दिया गया/सेना में रहते हुए सैन्य कारणों से मृत्यु हो गई या अपाहिज होने के कारण सेवा से बाहर कर दिया गया।
प्राथमिकता– III: EXS (c) – गैलेंट्री अवार्ड विजेता
प्राथमिकता– IV(d) – पूर्व सैनिक
सैन्य कोटे की आरक्षित 50 प्रतिशत सीटें लड़कियों के लिये चिंहित की गई है।

अभ्यर्थी की फोटो	अभ्यर्थी के पिता की फोटो

सील के साथ सक्षम अधिकारी का हस्ताक्षर

ANNEXURE-II

Broad Outlines of Syllabus for JET 2020

Syllabus

Objective of such type of Entrance Test is to select the best candidates; therefore, no syllabus can be prescribed, however, a broad outlines are given as follows:

AGRICULTURE

Unit-A: **(15 questions)**

Food production and its importance in the economy and nutritional security. History of Indian agriculture, branches, importance and scope. **Weather and Climate**- Definition, elements, effects on crops, general introduction to weather related equipments- Rain gauge, maximum minimum thermometer, dry and wet hygrometer, wind vane, and anemometer. **Irrigation**– Requirement, time and quantity, methods of irrigation. Concept of precision and pressure irrigation- drip and sprinkler irrigation. **Weed-** Definition, peculiarities, classification, harmful effect, extension, methods of multiplication, weed control (mechanical, chemical & biological), **Arid Agriculture-** Definition, importance & principle, **Crop rotation**- Definition, importance and principle.

Soil- Definition, composition, structure, texture, soil water, air, soil temperature, soil porosity and factors affect it. Saline, acidic and alkali soil and their management, soils of Rajasthan. Soil samplings and its methods. Introduction to soil pH and organic carbon. **Nutrient fertilizer-** Essential plant nutrients, importance and deficiency symptoms, importance of fertilizer, type (NPK) and methods of application. **Irrigation -** Importance of irrigation, sources of irrigation, water requirement of crops. **Water drainage-** Definition, need, importance, water logging, need of water conservation and methods (well, water recharge, water harvesting), **Introduction to agriculture machinery**- Definition and type of tillage, deshi plough, harrow, cultivator, combine harvester, seed cum fertilizer drill, planter, MB plough. **Seed-** Definition, type & quality of seed, seed production, seed dormancy.

Role of Genetics and Plant breeding in self and cross-pollinated crops improvement, methods of breeding in field crops-introduction, Selection, Hybridization, Mutation.

Agricultural Economics, Cooperative system in Agriculture, Crop insurance. Kisan Credit Cards.

Marketing of Agricultural products (supply chain, retailing, wholesale), haats.

Agronomy- Definition, importance and scope, soil fertility and productivity– Factor affect soil erosion & conservation. **Crop production-** Study of following crops under Rajasthan climate condition in following points: botanical name, family, importance, climate, soil, preparation of field, improved varieties, seed rate, seed treatment, time of sowing, sowing method, manure & fertilizers, irrigation, intercropping plant protection & harvesting, threshing, yield and post-harvest management : **Cereal**- Rice, maize, sorghum, pearl millet, wheat & barley. **Pulses**- Black gram, green gram, mothbean, gram, pegionpea, and cowpea. **Oilseed**- Mustard & rapeseed, groundnut, soybean, linseed and sunflower. **Fodder**- Lucerne and berseem, **Cash crops**- Sugarcane, potato, and cluster bean, **Fiber crops-** Cotton and sunhemp.

Organic farming: Definition, importance, concept, history, present status and future scope of organic farming, contribution in national economy, important food products grown organically. Organic manure and their utility, farm yard manure. Bio-fertilizer - Type & methods of application. Biological control of insect & diseases. Preparation of bio-pesticides (plant based). General introduction to sustainable agriculture.

Unit-B: **(15 questions)**

Importance and scope of fruit and vegetable crops, present position and future. **Orchard management**- Selection of site, planning, layout, pit filling, plantation, adverse weather condition- Frost, hot wind, hailstorm, drought, dust storm, heavy rainfall and their remedies. Unfruitfulness and their remedies. Alternate bearing in orchard and their solution. Application of plant growth regulators in orchards. **Study of following important fruit crops with special reference to-** Botanical name, family, importance, climate, soil, improved varieties, plant propagation, planting, manure & fertilizer, irrigation, weeding & hoeing, yield and plant protection of- Mango, citrus (orange and lime), banana, guava, pomegranate, papaya, grapes, aonla, ber, date palm, & bael. **Vegetable-** Classification of vegetable, on the basis of season and vegetable parts used, type of vegetable cultivation- Commercial & kitchen gardening. **Nursery**- Definition, importance, soil preparation and layout, sowing, transplanting, plant propagation- sexual and asexual.

Vegetable cultivation- Botanical name, family, importance, climate, soil & field preparation, sowing, seed rate and treatment, improved varieties, manures & fertilizer, irrigation, weeding and hoeing, plant protection, yield- Tomato, brinjal, chilli, cauliflower, cabbage, pea, okra, carrot, radish, spinach, onion, garlic, round gourd, bitter guard, bottle guard, ridge guard, pumpkin. **Ornamental gardening-** Type of garden (formal and informal), private, public and school garden, **Study of ornamental plant-** trees, bush, climbers, and seasonal flower. **Flower cultivation**- Botanical name, importance, climate, soil, field preparation, plant propagation, improved varieties, planting, manure & fertilizer, care, picking & yield of rose, marigold, chrysanthemum and gladiolus. **Spices-** Cumin, coriander, fenugreek & fennel. **Introduction to and utility of medicinal plant-** Safed musali, jatropa, sanay, isabgol, basil and giloy. **Mushroom**- Its nutritional status and methods of production. Beekeeping and its importance, uses and importance of honey, wax and royal jelly. **Post-harvest-** Importance, scope and future of post-harvest management of fruits, vegetables and flowers**.** Status of food processing in our country. Packaging, quality standards and their marketing including export. **Preservation of fruits and vegetable**- Present position of fruit and vegetable preservation, principle & methods of fruit preservation. Canning of fruit & vegetable, jam, jelly, marmalade, preserve, sauce, ketchup, pickle and squash. **Flowers and their harvesting**- Important processed flower products, packaging, storage and their marketing.

Unit-C: **(10 questions)**

Importance of Livestock in Indian economy. Determination of age by teeth, horn, hoof and body condition of animals and weight- by using Shafer formula, **Animal Breeding-** Identification of heat, introduction to reproductive organs, natural & artificial insemination. General test of pregnancy. Care and management of pregnant & calwing animals. **Animal nutrition-** General principle of animal feeding. **Determination of feed for**- Pregnant & milking cow and bullock. **Feed preservation-** Hay and silage- Definition, importance, method for preparation. **Animal health-** Identification of healthy & suffering animals. Identification of general disease & treatment- Wounds, eczema, sprain, itching, inflammatory, indigestion, bloat, diarrhoea, dysentery & food poisoning. Parasite- Lice & kilni. **General medicine for animals and their utility-** Phenyl, potassium permanganate, magnesium sulphate, alcohol, copper sulphate, tincher iodine, carboxylic acid, laizol, castor oil, kapoor, phenovis, alum, terpentine oil. **Milking methods**- By hand and machine, **Poultry:** Importance and scope**,** breeds of poultry & their classification. Study of poultry breeds- White leghorn, rod island red, red carnish, ply mouth rock breeds. Structure of egg. Poultry feed and housing management. Important disease of poultry (cause, symptoms and treatment). Characteristics and utility of following animal breeds **Cow**- Gir, Tharparkar, Haryana, Nagori, Malvi, Mewati, Rathi, Jersy and Holestein Friesian. **Buffalo**- Murrah, Bhadawari, Surti, Neeli, Jafrabadi and Mehsana. **Sheep**- Marwari, Chokla, Malpuri, Marino, Karakul, Avivastra, Adikalin and Jaisalmeri. **Camel**- Bikaneri & Jaisalmeri, management of camel. **Animal diseases**- Rinderpest, foot & mouth

disease, black quarter, anthrax, Hemorrhagic septicaemia, mastitis, tick fever, milk fever, enterotoxaemia, salmonellosis, bird flue, fowl fox, and Ranikhet trypanosome & itching. **Dairy science**- Milk and milk products- Curd and ghee. Development and dairy industry in India- White revolution and operation flood.
Bio-Waste Management and Government: Utilization of animals in Bio-wastes and Biogas plant, Important government schemes for development of livestock dairy and pourity in India. Their important features and eligibility criteria.

BIOLOGY

Definition, branches, study area and importance in agriculture.

Section-I Botany **(25 questions)**

Unit– A

Taxonomy and classification of plants: Genus, species, binomial nomenclature, brief history of classification. Salient features and classification of plants into major groups- Algae, Bryophyta, Pteridophyta, Gymnospermae and Angiospermae, Angiosperms- Classification upto class, characteristic features and examples.

Morphology and anatomy of angiosperm plant- Morphology and modifications, internal morphology of different parts of flowering plants: root, stem, leaf, inflorescence, flower, fruit and seed. **External morphology of angiosperm Plant-** Root, stem, leaf, inflorescence, flower, fruit, seed and modification. **Anatomy of flowering plants-**Anatomy and functions of different tissues. **Plant tissue-** Definition, character & classification, meristematic tissue-Type and character. Tissue system- Epidermal, ground and vascular tissue system, internal structure of root, stem and leaf, secondary growth of root & stem. Permanent and special tissue.

Sexual reproduction in flowering plants- Flower structure, development of male and female gametophytes, pollination - Types, agencies and examples, outbreeding devices, pollen-pistil interaction, double fertilization, post fertilization events- Development of endosperm and embryo, development of seed and formation of fruit, special modes-Apomixis, parthenocarpy, polyembryony, significance of seed dispersal and fruit formation.

The Cell: The unit of life- Definitionl, cell theory and cell as the basic unit of life. Electron Microscopic structure of cell. Prokaryotic and eukaryotic cells. Plant and animal cells. Cell organelles and their functions-Nucleus (including DNA and RNA structure), mitochondria, chloroplast, endoplasmic reticulum, golgi complex, lysosomes, microbodies, microfilaments, ribosomes, centriole, cell wall, cilia and flagella, vacuoles, cell inclusions-starch grains, mineral crystals. **Cell division**- Amitosis, mitosis and meiosis. Comparison of mitosis and meiosis. Significance of meiosis, cell cycle.

Genetics- Mendel's experiments with pea and the reasons for his success. Mendel's laws of inheritance, mono and dihybrid crosses. Chromosome structure and morphology, chromosomes and genes, chromosome hypothesis. Linkages and crossing over. Mutations. Sex determination, genetic code, transcription and translation. Chromosomal disorder.

Plant Physiology: (i) **Transport in Plants-**Movement of water, gases and nutrients; cell to cell transport, diffusion, facilitated diffusion, active transport, plant water relation, semi permeable membranes, osmosis, diffusion, diffusion pressure deficit (DPD), water potential, plasmolysis. Transpiration-Types, factors affecting rate of transpiration. Guttation. Absorption of water, active and passive absorption of water and minerals. (ii) **Ascent of sap**- Path of ascent of sap, theories explaining ascent of sap. (iii) **Mineral nutrition**-Role of minerals in plant growth, macro and micro nutrient, trace elements and their importance. (iv) **Enzymes-** Introduction, enzymes as bio-catalysts, nature, classification and mode of enzyme action. (v) **Respiration**- Definition, comparison of respiration and fire. Types of respiration-

Aerobic, anaerobic and fermentation processes. Respiratory substrate, respiratory quotient, respiration sites. Mechanism of aerobic and anaerobic respiration. Glycolysis, Kreb cycle and alcoholic fermentation, Electron transport chain and oxidative phosphorylation. Energy yield (kilo calories). Factors affecting respiration. (vi) **Photosynthesis**- Definition, role of water, chlorophyll and carbon-di-oxide, light and dark reactions, photophosphorylation, Hill reaction, red drop, two pigment system, Calvin cycle, photorespiration, chemosynthesis (brief account). Factors affecting photosynthesis. (vii) **Growth**- Definition, phases of growth, plant hormones (auxins, gibberellins, cytokinin and ethylene) and growth regulation, action on various physiological processes. Factors affecting growth.

Unit – B

Ecology and Environment- Definition of ecology and environment. Environmental factors climatic, edaphic and biotic. Plant communities and their characteristics (density, frequency and abundance). Interaction between environment and organism, ecosystem concept, trophic levels producers, consumers, decomposers, food chain and food web. Ecological pyramids.

Environmental Issues: Type of pollution, air pollution and its control, sound pollution, soil pollution, water pollution and its control, agrochemicals and their effects, solid waste management, radioactive waste management, greenhouse effect and climate change impact and mitigation, ozone layer depletion, deforestation-any one case study as success story addressing environmental issue(s). Global climatic change, global warming, stratospheric zone depletion, acid rain, alnino effect. Classification of natural resources, conservation & management of rain water, soil, soil moisture, energy minerals and sea resources. **Forest resources-** Importance, forest resources in India, deforestation, forest conservation and management (Chipko movement & social forestry) **Biodiversity-** Concept, patterns, importance, loss of biodiversity, biodiversity conservation in Rajasthan.

Unit – C

Economic Botany and Human Welfare- Domestication of plants-historical account, improvement of crop plants-plant breeding and plant introduction. Economic botany (botanical name, family, plant parts used and uses) of the following: **Cereals**- Wheat, rice, maize and barley, **Millets**- Bajra and sorghum, **Pulses**- Gram, blackgram, pigeonpea, cowpea, mothbean and greengram, **Fibres** - Cotton and sunnhemp, **Oil seeds** - Groundnut, rapeseed, linseed, sunflower, mustard and castor, **Cash crop-** sugarcane, potato and clusterbean, **Fruits** - Mango and banana, **Medicinal plants**- Guggal, sarpagandha, belladonna, opium and isabgol. **Spices:** - Cumin, coriander, fennel and fenugreek. Use of bio-fertilizers, economic and ecological aspects. Use of pesticides: advantages and hazards,

Unit-D

Biotechnology and Its Applications

Biotechnology: General introduction- Definition, history scope of biotechnology & importance for different fields. **Principles and processes-** Genetic engineering (recombinant DNA technology)- definition, discovery, general method & equipment, enzyme & cloning vector, plasmid, bactriophase, cosmid, gene library, gene bank. **Biotechnology and its Application-**Application of biotechnology in health and agriculture, human insulin and vaccine production, stem cell technology, gene therapy, genetically modified organisms - Bt crops, transgenic animals, biosafety issues, bio piracy and patents. **Plant tissue culture -** Definition, history, **Essential equipment**- Type of culture, step of tissue culture, achievement in plant tissue culture. Different method for gene transfer in plant. Transgenic plant, genetically modified crops and food.

Unit-E

Major disease of crop and their control: Classification of diseases- i) on the basis of pathogen, ii) on the basis of season, iii) on the basis of crops and iv) on the basis of nutrient deficiency**. Diseases of Kharif crops-** Downy mildew and green ear of pearl millet, cotton wilt, tikka disease of groundnut, peanut clump virus, bacterial blight of cotton, yellow vein mosaic of okra, early blight and leaf curl of

tomato**. Diseases of Rabi crops-** Wheat rust disease, white rust of mustard, loose smut and covered smut, little leaf of brinjal, blight and powdery mildew of cumin. **Diseases of Fruit crops in Rajasthan-** Citrus canker, powdery mildew of ber, guava wilt. Disease management method- Chemical, biological and mechanical.

Section – II Zoology **(15 questions)**

Unit-A

Animal Kingdom- salient features and classification of non-chordates animals up to phyla level and chordates up to class level. **Taxonomy and classification of animals-** Different steps of classification, system of bio-scientific classification. Peculiar characteristic of kingdom animalia. **Body organization and animal tissue-** Epithelial tissue, connective tissue, blood lymph, supporting tissues, bone, cartilage, muscular tissues, nervous. **External and internal morphology and internal structure of animals-** Amobea, earthworm cockroach in brief.

Unit-B

Invertebrates

(1) Animals and their economic importance with special reference to Agriculture;

(i) **Protozoa**- Amoeba, (ii) **Helminthes**- Soil Nematode and disease caused by nematode (molya, ear cockle, tund of wheat, root knot, (iii) **Annelida**- Earthworm, (iv) **Mollusca**- Snail & slug, (v) **Arthropoda** (various classes)- (a) Arachnida- Mites (b) Crustacea- Prawns, lobsters, (c) Diplopoda- Millipede (d) Chilopoda- Centipedes, (e) Insecta- Cockroach

(2) Important insects of crops and storage (general introduction, importance, host plants, losses, life cycle and their control)- (i) Red hairy caterpillar, (ii) White grub, (iii) Termites, (iv) Grass hopper, (v) Pod borers, (vi) Khapra beetle

Honey bee: Bee Keeping and it importance in agriculture.

(3) **Methods of insect control** (insect control: general introduction): (i) Physical and mechanical control (ii) Cultural control, (iii) Chemical control (pesticides, insecticide formulation, classification of insecticides, miticides, nematicides, rodenticides) and safe use of chemicals, (iv) Bio-control-predators and parasitoids, pheromone traps, *Trichoderma*, NPV, botanical insecticides. (v) Integrated pest management (vi) Sprayers and dusters.

Unit-C

Vertebrates

(i) **Nutrition in animals**– Nutritive elements of food, energy yielding chemicals, minerals and vitamins, balance diet.(ii) **Respiration in animals** – Gaseous exchange. (iii) **Circulation in animals**– Blood– Composition, blood groups, Rh-factor, blood coagulation. (iv) **Reproductive system** – Male and female reproductive system. (v) **Reproduction & development: (**a) Asexual & sexual reproduction in animals (b) Gametogenesis, spermatogenesis, structure of sperm, oogenesis and type of ovum, female reproductive cycle (c) Fertilization- external and internal fertilization. (d) Mechanism of fertilization.

CHEMISTRY

Unit–A **(10 questions)**

Basic concept of chemistry- Importance and scope of chemistry in daily life and agriculture. Measurements in chemistry- Significant figures and international units of measurement. Laws of chemical combination. Dalton's atomic theory- initial concept of elements, atoms and molecules. Avogadro hypothesis and its uses. Mole concept and Avogadro number. Initial concept of atomic weight, equivalent weight and molecular weight. Percentage composition, empirical formula and molecular formula. Stoichiometry of chemical reaction and calculation, limiting reagent.

Structure of atom- Development of classical model of an atom- (i) Bohr's model of atom: Calculation of radius of Bohr's orbit and energy of an electron, (ii) Dual nature of matter and radiation- quantization of electronic energy levels, spectral evidence for quantization, (iii) Sommerfield's extension (no mathematical treatment), (iv) De-Broglie's relationship, (v) Uncertainty principle, (vi) Orbitals and quantum numbers- shapes of orbitals, spatial distribution of atomic orbitals, (vii) Distribution of extra nuclear electrons, Aufbau principle, Pauli's exclusion principle, Hund's rule, n+l Rule, variation in relative energies of orbitals with increase in atomic number, electronic configuration of elements (S, P, D, F, block elements). Stability of half-filled and completely filled orbitals.

Periodic table and periodicity in properties- (i) Electronic configuration and periodic table- the log form of periodic table and S, P, D, F, block elements and advantages over Mendeleev's periodic table, (ii) Electronic configuration and periodicity in properties, periodic perspectives, (iii) Detailed study of periodicity in physical and chemical properties with special reference to- density, melting and boiling points of elements. Atomic and ionic radii, ionization potential, electron affinity. Electro negativity, variation of effective nuclear charge in a period, metallic character, diagonal relationship.

Chemical bonding and molecular structure- (i) Lewis structure- Octet rule and its limitations, (ii) ionic bond- characteristics of ionic compounds, solubility of ionic compounds, (iii) Covalent bond, introductory concept of over-lapping of orbitals and bonds, valence bond theory- Characteristics of covalent compounds. Coordinate bond, partial covalent character in ionic bond, partial ionic character in covalent bond. Fajan's rule, polarities of covalent molecules, (iv) Bond length, bond angle and bond-energy general consideration, (v) Hybridization of orbitals illustrated with example of compounds of first and second row elements in periodic table- shapes of common molecules- VSEPR Theory, (vi) Hydrogen bond, (vii) Vander Waals forces of attraction.

Redox reaction- (i) Concept of formal charge on ions, (ii) Oxidation number, (iii) Oxidation reduction electron transfer concept with examples, (iv) Redox reaction- examples, (v) Balancing of equations by ion-electron method.

Equilibrium

Chemical equilibrium- (i) Concept of reversibility equilibrium constant, (ii) Law of mass action generalized expression, (iii) Experimental method for verification of law of mass action. factors affecting equilibrium (concentration, pressure, temperature), (iv) Application to systems such as $N_2 + 3H_2 \leftrightarrow 2NH_3$, $PCl_5 \leftrightarrow PCl_3 + Cl_2$, $N_2 + O_2 \leftrightarrow 2NO$ (v) Le Chatelier's principle-Application. **Ionic equilibrium**- (i) Electrolytes and non-electrolytes, (ii) Arrhenius theory- Evidence in favour of dissociation theory, (iii) Ionic product of water, (iv)Hydrolysis, degree of hydrolysis, hydrolysis constant, (v) Relation between hydrolysis constant, ionic product of water and dissociation constant, (vi) Common ion effect, (vii) Solubility product and its application to qualitative analysis.

Unit–B **(10 questions)**

Chemical kinetics- (i) Rate of a reaction, (ii) Instantaneous rate of a reaction and order of reaction (Zero and I order), (iii) Factors affecting the rate of reaction, concentration of reactant molecule, effect of temperature on the reaction rate, concept of activation energy, catalysis, (iv) Effect of light on rate of reaction, (v) How fast are chemical reactions?

Chemical thermodynamics

Thermodynamics and chemical energy science- Basic concepts of thermodynamics, types process, first law of thermodynamics, complete heat, heat capacity, entrophy heat of fusion, heat of vaporization, heat of sublimation. Exothermic and endothermic reactions. Adsorption- Definition, type (physical and chemical) and factors affecting adsorption.

Acids and bases- (i) Hydrogen and hydroxyl ion in aqueous solution, (ii) Bronsted-Lowey concept of acids and bases, (iii) Lewis concept (iv) Dissociation of acids, (v) pH value, (vi) Buffer solutions, (vii) Theory of indicators of acid-alkali titrations, (viii) Choice of indicators.

Colloidal state of matter- (i) Crystalloid and colloids, (ii) Classification of colloids -Emulsion, preparation of colloids, lyophilic and lyophobic colloids, (iii) Properties- electrophoresis, dialysis, Tyndall phenomenon, Brownian movement, Coagulation-Hardy and Schulze's law, peptisation, absorption, applications.

Metals- (i) Nature of metallic state- structural packing of atom in metals. Metallic bond- valence bond concept, (ii) Occurrence of metals in nature, (iii) General principles of metallurgy- activity series of metals, standard electrode potential, metallurgical processes, (iv) Extraction of metals- copper, silver, aluminum and iron.

S-Block elements- (i) General characteristics, (ii) Trends in variation of properties in periodic table of alkali and alkaline earth metals, (iii) General principles of extraction of the elements, (iv) General chemistry of their compounds.

D-Block elements- (i) General characteristics, (ii) Elementary idea about para magnetism and diamagnetism, (iii) Different oxidation states, (iv) Chemistry of transition elements as illustrated by different oxidation states of the following metals- Silver, gold, chromium, manganese and iron.

Unit– C **(10 questions)**

Agricultural chemistry

Soil-Soil, minerals, rocks and its weathering, definition, functions of foil and characteristics soil is a natural body; soil is a medium for plant growth, soil composition, soil profile, earth, rocks and type of minerals, weathering of rocks and soil formation, factors of soil formation. **Soil organic matter and soil microorganism**- Definition, source, composition, decomposition, factors affecting the decomposition of organic matter, humus, definition, properties and formation, effect of organic matter on soil properties and fertility, soil microorganism, C:N ratio and nitrogen cycle, symbiotic and non-symbiotic nitrogen fixation. **Soil colloids-** Definition, types and importance, properties and classification, major lay minerals present in soil, importance of lay in soil. **Ion exchange-** Importance, mechanism of cation exchange, kinds of exchange enable cations, cation exchange capacity- Definition, importance and factors effecting, percent base, saturation, cation and nutrition of plant. **Soil reaction-** (P^H, P^H- scale, changes in P^H, relationship of soil P^H with availability of nutrient, effect of soil P^H soil microorganism, plant growth and disease, buffering capacity. **Acidic and saline soil-** Definition, characteristics, reason for formation of acidic soil, effect of acidic on plant and chemical amelioration, classification of salt affected soils, definition, reason for formation of saline and sodic soil and formation, effect of soil sodicity and salinity on plants, diagnosis of saline and sodic soil and its reclamation, properties of irrigation water and treatment of saline water and management. **Essential nutrients of plants**- Classification, sources of plant nutrients in soil, mechanism of absorption of nutrients by plant, factors affecting the availability of nutrients, specific function of nutrients and deficiency symptoms. **Reaction of different fertilizers in soil & effects on crops**- Definition of fertilizer and classification properties, composition and effect on soil and crop of urea, calcium ammonium nitrate (CAN), ammonium sulphate, diammonium phosphate (DAP), single super phosphate, muriate of potash, potassium chloride and potassium sulphate. **Agrochemicals and environmental pollution**- Definition, types, importance, definition of environment and environmental pollution, types of environmental pollution its harmful effect and control measures, effect of uncontrol application of agrochemicals on environmental pollution (soil, water, air) and its control. **Biochemistry-** Preservatives- definition, types, uses and characteristics.

Edible colour- Definition, types, characteristic and its effect on health, definition, importance and major sources for availability of carbohydrate, protein, fat, vitamin and enzymes. **Organic manures and bio fertilizers-** Definition, classification of organic manures, effect of organic manures on physical, chemical

and biological properties, formation method, importance and effect on soil for form yard manure, vermicompost, Nadep compost, green manure cakes and its importance in soil, bio fertilizer- Definition, classification, importance and benefits, method of application, deference between organic manure and fertilizer. **Dairy chemistry-** Milk and colostrum- Definition, chemical composition, nutritive value, factors effecting composition. Nutritive value and chemical composition of milk products (dahi, butter, ghee, cream, chhana) applied material for milk adulteration and its test. Milk processing method, clean and preservative, milk production, market milk and its types.

Unit-D. **(10 questions)**

Organic Chemistry

Some basic principles and techniques- General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond- Free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions.

Valency of carbon and hybridisation- (i) Tetra-valency of carbon atom, Kekule, Vant-Hoff and Le-Bell theories, (ii) Orbital representation of covalent bond, multiple bonding (sigma bond: Pi bond), (iii) Hybridization (sp, sp2, sp3 hybridization), (iv) Orbital structure of acetylene, ethylene and methane, (v) Concept of bond length, bond strength and bond angle, (vi) Electronegetivity inductive effect, polarity of covalent bond, formal charge, polarity of carbon, Halogen bond.

Saturated hydrocarbons (upto 5 carbon atoms)- (i) Nomenclature and isomerism, (ii) General methods of preparation of alkanes, (iii) General properties and uses of alkanes, (iv) Individual members propane, butane, pentane, (v) Inter conversions of alkanes.

Unsaturated hydrocarbons- (i) Nomenclature and isomerism, (ii) General methods of preparation of alkenes and alkynes, (iii) General properties and uses of alkenes and alkynes with reaction mechanism, (iv) Individual members, propene, butene, propyne and butyne.

Organic chemistry based on functional groups a- (i) Halides, nomenclature and isomerism, general methods of preparation of mono alkyl halides- general properties of mono alkyl halides with reaction mechanism. Preparations and properties of dihalogen derivatives, synthetic uses of alkyl halides, (ii) Hydroxy compounds- nomenclature and isomerism, classification of monohydric alcohols, general methods of preparation of monohydric alcohols, general properties and uses of monohydric alcohols, hydrogen bonding in alcohol and its effect on boiling point and solubility, test for alcoholic groups, Inter conversion of methanol and ethanol.

Organic chemistry based on functional groups b- (i) **Carbonyl groups**- nomenclature and isomerism of aldehydes and ketones, general preparations of aldhydes and ketones, general properties and uses of aldehydes and ketones with reaction mechanism, polarity of carbon-oxygen double bond; test for adlehydes and ketones, (ii) Carboxylic group- Nomenclature and isomerism. General preparations of monocarboxylic acids, general properties and uses of carboxylic acid, hydrogen bonding in carboxylic acids, resonance.

Synthetic and natural polymers- (i) Classification of polymers, (ii) Some important natural and synthetic polymers with their general methods of preparation.

Chemistry in action- (i) Dyes, (ii) Chemicals in medicines, (iii) Fertility contraceptives, material schemo- sterilints.

MATHEMATICS

Unit-A: Sets and functions **(5 questions)**

Sets-Sets and their representations. Different type of set. Empty set. Finite and Infinite sets. Equal sets. Subsets. Subsets of a set of real numbers especially intervals (with notations). Power set. Universal set.

Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement. Operation of set. Primary operation of sets represented by Venn diagrams. **Relations & functions-** Open sentence, ordered pairs. Cartesian product of two sets. Relation as a set of ordered points, Invers relation, Identity relation, Kinds of relation. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (upto R X R X R). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Junctions, Function as a set of ordered pairs, function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions.Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one and onto functions, composite functions, inverse of a function. Binary operations.

Unit-B: Algebra **(5 questions)**

Principle of mathematical induction-Process of the proof by induction, motivating the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and simple applications. **Complex numbers and quadratic equations -**Set of complex numbers, theorems on complex numbers, basic operations of set of complex numbers, some properties of conjugate complex numbers, Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane and polar Representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations (with real coefficients) in the complex number system. Square root of a complex number, cube root of unit, quadratic equation. **Linear inequalities-** Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables. Graphical method of finding a solution of system of linear inequalities in two variables. **Permutations and combinations -**Fundamental principle of counting (multiplication & Addition). Factorial *n.* (n!) Permutations and combinations, Permutations of those objects in which not all district, Circular permutations, difference between clockwise and anticlockwise permutations. Derivation of formulae for and their connections, simple applications. **Binomial theorem-**History, statement and proof of the binomial theorem for positive integral indices.

Sequence progression and series - Sequence and Series. Arithmetic Progression (A. P.), Properties of A.P., Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P. and A.P., sum of *n* terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M. Sum of an infinite of G.P. Arithmetic Geometric series, sum to n terms of series of natural numbers, their squares and cubes, sum of series by difference method, Harmonic progression (H.P.) Hormonic mean (H.M.), relation between A.M., G.M. and H.M. **Logarithm-**Logarithm, fundamental lows and systems of logarithm, relation between Napierian & common logarithm, Characteristics and mantissa of the logarithm, Introduction and method to find antilogarithm.

Matrices-Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non-commutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Concept of elementary row and column operations. Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries) **Determinants-**Determinant of a square matrix (up to 3 x 3 matrices), properties of determinants, minors, co- factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using

inverse of a matrix.

Unit-C: Coordinate geometry (5 questions)

Straight Lines- Shifting of origin. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope- intercept form, two-point form, intercept form and normal form. General equation of a line. Straight line and linear equation in re, y, reduction of general equation of straight line in to standard forms, straight line passing through one point, two point. At last equation of line passing through a given point and making a certain angle with the given line. Equation of family of lines passing through the point of intersection of two lines angle between two lines. Distance of a point from a line. **Conic sections -**Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section, different forms of conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. **Introduction to three-dimensional geometry-** Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points and section formula.

Unit-D: Vectors and three-dimensional geometry (5 questions)

Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors, scalar triple product of vectors. **Three - dimensional geometry-** Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Cartesian and vector equation of a plane. Angle between (i) two lines, (ii) two planes, (iii) a line and a plane. Distance of a point from a plane.

Unit-E: Calculus (5 questions)

Limits and derivatives- Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Theorems on limit, meaning of $x \to a$. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions. Geometrical detail of derivative of functions.

Continuity and differentiability -Continuity and differentiability, derivative of composite functions, chain rule, derivatives of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives. Rolle's and Lagrange's Mean Value Theorems (without proof) and their geometric interpretation. **Applications of derivatives -**Applications of derivatives: rate of change of bodies, increasing/decreasing functions, tangents and normal, use of derivatives in approximation, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations). **Integrals -** Integration as inverse process of differentiation. Integration of a variety of functions by substitution, by partial fractions and by parts, Definite integrals as a limit of a sum, Fundamental Theorem of Calculus (without proof). Basic properties of definite integrals and evaluation of definite integrals. **Applications of the integrals-**Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only), Area between any of the two above said curves (the region should be clearly identifiable). **Differential equations -**Definition, order and degree, general and particular solutions of a differential equation. Formation of differential equation whose general solution is given.

Unit-F: Mathematical reasoning **(5 questions)**

Mathematically acceptable statements. Connecting words/ phrases - consolidating the understanding of "if and only if (necessary and sufficient) condition", "implies", "and/or", "implied by", "and", "or", "there exists" and their use through variety of examples related to real life and Mathematics. Validating the statements involving the connecting words, difference among contradiction, converse and contrapositive. **Linear programming-** Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems, mathematical formulation of L.P. problems, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).

Unit-G: Statistics and probability **(5 questions)**

Statistics -Measures of dispersion: range, mean deviation (Quartile deviation and mean deviation-mean, median, mode) variance and standard deviation of ungrouped/grouped data. Analysis of frequency distributions with equal means but different variances. Probability - Random experiments; outcomes, sample spaces (set representation). Events- algebra of events. Occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories addition and subtraction of probability of occurrence of at least one event. Probability of an event, probability of 'not', 'and' and 'or' events. Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution, mean and variance of random variable. Repeated independent (Bernoulli) trials and Binomial distribution.

Unit-H: Trigonometric functions **(5 questions)**

Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin 2x + \cos 2x = 1$, for all x. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$ and their simple applications. Identities related to sin2x, cos2x, tan2x, sing3x, trigonometric equations of the type $\sin y = \sin a$, $\cos y = \cos a$ and $\tan y = \tan a$. **Inverse trigonometric functions -** Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions. Elementary properties of inverse trigonometric functions.

PHYSICS

Unit-A **(10 questions)**

Physical world- Physics-scope and Expansion; nature of physical laws; Physics, technology and society.

Units and measurements: Need for measurement, Units of measurement, systems of units; SI units-fundamental, merits of S-I unit, Rules to write name and symbol for units in S.I. system and derived units. Length, mass and time measurements, least count of Vernier Calipers and screw gauge. accuracy and precision of measuring instruments; errors in measurement; systemic, random, gross error, combination of errors, significant figures. Dimensions of physical quantities, dimensional analysis and its applications. Use of dimensional equations and limitations of dimensional equation.

Kinematics- Motion in a straight line**-** Frame of reference, Motion in a straight line: Position-time graph, speed and velocity. Elementary concepts of differentiation and integration for describing motion, uniform and non- uniform motion, average speed and instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated motion. **Motion in plane-** Scalar and vector quantities; position and displacement vectors, representation of vector, one dimensional, two dimensional and three-dimensional vectors in Cartesian coordinate system, combination of vectors. General vectors and their notations; equality of vectors, multiplication of vectors by a real number;

addition and subtraction of vectors, relative velocity, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors. Differential and integer calculus and their trigonometry means, logarithm and its uses. Motion in a plane, cases of uniform velocity and uniform acceleration- uniform circular motion. **Dynamics –** Frame reference Concept of rest and motion, type of motion, distance and displacement, speed and velocity (average and instantaneous), acceleration, (average and instantaneous), displacement and time, velocity and time graph study, equation for motion for uniform accelerated motion, relative motion. Two Dimensional and three-dimensional motion and its example, displacement, velocity and acceleration of particle in two-dimensional motion and their representation. Projectile motion, path of projectile motion, time of flight of a projectile, maximum height and horizontal projectile. Example of three-dimensional motion.

Laws of motion- Intuitive concept of force, Inertia, Inertia and Newton's first law of motion; momentum and Newton's second law of motion, impulse and impulse-momentum theorem, Newton's third law of motion. Law of conservation of linear momentum and its applications. System with variable mass, motion of a rocket, solution of problem in mechanics by concurrent force and force diagram. Friction, type of friction and its law. Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication. **Dynamics of uniform circular motion:** Circular motion in horizontal and vertical plane. Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road). Motion on inclined planes, inertial and Non-inertial frames of references.

Work, energy and power- Work done by a constant force and a variable force; energy and its type: kinetic and potential energy, work-energy theorem, power. Notion of potential energy, potential energy of a spring, conservative forces: conservation of mechanical energy (kinetic and potential energies); conservative and non-conservative forces: motion in a vertical circle; elastic and inelastic collisions in one and two dimensions. power.

System of particles and rotational motion- Centre of mass of a two-particle system, momentum conservation and centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod. Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of inertia, theorem of moment of inertia, moment of inertia of circular ring, circular disc, solid cylinder, solid sphere, hollow sphere, Solid sphere, rod, force or torque, angular momentum, relation between torque and angular momentum, relation between torque, moment of inertia and angular acceleration. Radius of gyration, values of moments of inertia for simple geometrical objects (no derivation). Statement of parallel and perpendicular axes theorems and their applications. Angular velocity, angular acceleration, angular displacement relation between linear and angular acceleration, rolling motion inclined plane, law of conservation of angular momentum.

Unit-B **(10 questions)**

Gravitation- Kepler's laws of planetary motion, universal law of gravitation. Gravitational field, Acceleration due to gravity and its variation with altitude and depth. Gravitational potential energy and gravitational potential, escape velocity, orbital velocity of a satellite, Geo-stationary satellites. Projection velocity, Gravitational field & its intensity, variation in acceleration due to gravity with shape of earth & its rotation polar satellite, Weightlessness, Orbital Energy. Orbital velocity of satellite, Revolution period, Achievement of India in space.

Properties of bulk matter: Mechanical properties of solids: Elastic behavior, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity, Poisson's ratio; elastic energy. Determination of young's modulus of elasticity by Searl's method. **Mechanical properties of fluids-** Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure, Atmospheric pressure, **Viscosity**-Stokes' law, terminal velocity, viscosity coefficient, velocity gradient, Stocks Law, Terminal velocity, streamline and

turbulent flow, critical velocity, Bernoulli's theorem and its applications, Reynold's number, equation of continuity, Different energy of flowing liquid, Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise, Angle of contact, Cohesive and adhesive forced. **Thermal properties of matter-** Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv - calorimetry; change of state - latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of blackbody radiation: Absorption and emissive power, Newton's law of cooling, Wein's displacement Law, Stefan's law, Greenhouse effect. Calculation of specific heat of liquid by the help of colorimeter.

Thermodynamics- Thermal equilibrium and definition of temperature (zeroth law of thermodynamics), mechanical equivalent of heat, heat, work and internal energy. Different thermodynamic Processes and work. First law of thermodynamics, isothermal and adiabatic processes. Second law of thermodynamics: reversible and irreversible processes, Heat engine and Refrigerator. Carnot Engine and it efficiency,

Behavior of perfect gases and kinetic theory of gases- Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.

Mechanical Waves and ray optics: oscillations and waves- Periodic motion- time period, frequency, displacement as a function of time, periodic functions. Simple harmonic motion (S.H.M) and its equation; phase; oscillations of a loaded spring- restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period. Displacement velocity and acceleration for SHM and their graphical representation. Kinetic energy of SHO, graphical representation and energy conservation, example of simple SHM, loaded spring, Simple pendulum, calculation of values of gravitational by simple pendulum, combination of springs, Free, forced and damped oscillations (qualitative ideas only), resonance. **Wave motion-** Transverse and longitudinal waves, speed of wave motion, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, Wave velocity, Relation between amplitude and intercity of waves, progressive wave equation, Super position of waves, Velocity of transverse waves stretched string, formation of standing waves, Standing waves in stretched string and mode of vibration and laws of vibration, standing waves in air column and mode of vibration, resonance, sonometer, sound waves and velocity of sound in various mediums, Dependency of velocity on sound on temperature, Beats and its application, Doppler's effect in sound waves. **Ray optics-** Reflection of light, spherical mirrors, mirror formula, refraction of light, total internal reflection and its applications, optical fibers, refraction at spherical surfaces, lenses, thin lens formula, lens maker's formula, magnification, power of a lens, combination of thin lenses in contact, refraction and dispersion of light through a prism. **Scattering of light** - blue color of sky and reddish appearance of the sun at sunrise and sunset. Optical instruments: Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.

Unit-C **(10 questions)**

Electrostatics- Electric Charges; types of charge and propertied Conservation of charge, Coulomb's law-force between two-point charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field due to a system of charge, electric field lines and properties, electric dipole and dipole movement, electric field due to a dipole, torque on a dipole in uniform electric field. **Gauss's law and its applications-** Electric flux, continuous charge distribution, Gauss's theorem and its derivatives, calculation of intensity of electric field by Gauss's Law i) due to infinitely long straight wire, ii) infinite uniformly charged non con ducting sheet iii) uniformly charged infinite conducting plate iv) uniformly charged non-conducting

sphere v) uniformly charged thin spherical shell (field inside and outside). **Electrostatic potential and capacitance-** Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, relationship between electric field and potential, calculation of electric potential due to I) charged spherical shell ii) charge conducting sphere iii) charged non-conducting sphere, potential energy system of charge, work rotation and potential energy of electric dipole in electric field. Electrical potential energy of a system of two-point charges and of electric dipole in an electrostatic field. Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarization, capacitors and capacitance of conductor, capacitance of an isolated spherical conductor, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with completely, partial and different thickness and without dielectric medium between the plates, energy stored in a capacitor.

Current electricity-Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law and its deduction, electrical resistance ohmic and non ohmic resistance, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity. Carbon resistors, colour code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance. Internal resistance of a cell, potential difference and emf (Electro motive force) of a cell, terminal voltage, combination of cells in series and in parallel. Electric energy & Electric power, electrical unit, Kirchhoff's laws and simple applications. Wheatstone bridge, Meter Bridge.

Potentiometer – principle, standardization and sensitivity and its applications to measure potential difference and for comparing emf of two cells; measurement of internal resistance of a cell. Determination of internal resistance of primary cells, calibration of voltammeter and ammeter.

Electronics & Communication: classification of metals, conductors & semiconductors, intrinsic & extrinsic semiconductors, p-junction diode, forward & reverse bias, applications of junctions diode as rectifier, junction transistor (CE, CB, biasing & characteristics) logic gates (OR, AND, NOT, NAND, NOR, XOR). Elements of communication system and demodulation (AM &FM).

Unit-D **(10 questions)**

Magnetic effects of current: moving charges and magnetism- Concept of magnetic field, Oersted's experiment. Biot - Savart law, magnetic field due to a long and straight current carrying conductor and circular coil, comparison of small current loop with dipole Helnhottz coils, motion charge in a magnetic field force of speed in magnetic field. Force on speed charge in magnetic field, force on current carrying conductor in magnetic field, magnetic force between two parallel current carrying conducting wire and its application to current carrying circular loop. Definition of standard ampere, force and torque on current carrying rectangular loop in uniform magnetic field. Ampere's law and its applications to infinitely long straight wire. Straight and toroidal solenoids, Force on a moving charge in uniform magnetic and electric fields. Definition of ampere. Torque experienced by a current loop in uniform magnetic field; moving coil galvanometer-its current sensitivity and conversion to ammeter and voltmeter. **Magnetism and matter:** Magnetism and properties of magnetic substance natural and artificial magnet, properties of bar magnet, magnetic field line and magnetic line force, neutral point, magnetic moment of bar magnet, intensity of magnetic field, torque on bar magnetic in uniform magnet field, earth magnetism, elements of earth's magnetism, magnetism and Gauss law, behaviour of substance in magnetic field, intensity of magnetization, magnetizing field, Magnetic permeability, Relationship between different magnetic quantities, classification of magnetic material, Magnetic Hysteresis curve B-H curve, selection of magnetic substance for special use. Curie law and Curie temperature, comparative studies of magnetic substance. current loop as a magnetic dipole and its magnetic dipole moment. Magnetic dipole moment of a revolving electron. Magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis. Torque on a magnetic dipole (bar magnet) in a uniform magnetic field;

bar magnet as an equivalent solenoid, magnetic field lines. Para-, dia- and ferro - magnetic substances, with examples. Electromagnets and factors affecting their strengths. Permanent magnets.

Electromagnetic induction and alternating currents: Electromagnetic induction: Magnetic flux, induction current & charge, Fleming's Right-Hand rule, induced emf in a conductor rod moving in uniform magnetic field, Induced emf and current in rectangular loop moving in non-uniform magnetic field. Energy conservation, induced emf in metal rod, metal disc, Rectangular coil rotating in uniform magnetic field. Faraday's laws, induced emf and current; Lenz's Law, Eddy currents. Self and mutual induction. **Alternating current:** Direct current: Alternating current, Intentonenous peak, Average and root mean square value of Alternating current & voltage, AC voltage in different type of ac circuits and phasor diagram. (I) Pure ohmic resistance, (II)Pure inductor circuit, (III) Pure capacitance circuit, L-R circuit, R-C circuit, LCR series circuit, series L-C-R Resonance circuit, Half power point frequencies, Band width and quality factor of a series Resonance circuit. Average power in AC circuit.

Electromagnetic waves- Basic idea of displacement current, electromagnetic waves, their characteristics, their transverse nature (qualitative ideas only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gamma rays) including elementary facts about their uses.

Dual nature of matter and radiation- Dual nature of radiation. Photoelectric effect and matter waves, Wave length of matter waves associated with different type of partials. Hertz and Lenard's observations; Einstein's photoelectric equation-particle nature of light. Matter waves-wave nature of particles, de Broglie relation. Experimental result of photo electric effect and their interpretation, concept of Photon, Davisson-Germier experiment, Heisenberg's uncertainly principle. **Atomic & Nuclear Physics**: Ruther ford model of atoms, Bohr model of atom, atomic spectra, line spectra of hydrogen atom, De-Broglie explanation of Bohr's second postulate of quantization. Atomic masses & composition of nucleus, size of nucleolus, Mass energy and nuclear binding energy, radioactivity, half-life and mean life, nuclear fission and fusion. Nuclear reaction.

ANNEXURE -III

Sample OMR Sheet

JOINT ENTRANCE TEST - 2020

OMR ANSWER SHEET, SIDE-I
(USE PROVIDED BLACK BALL POINT PEN ONLY)

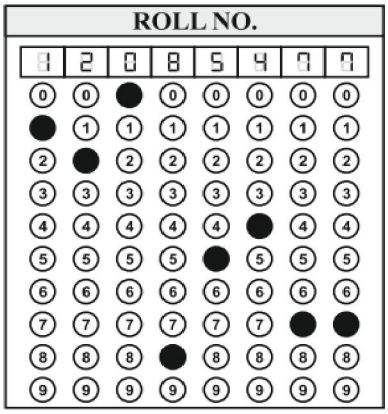
ROLL NO. (IN FIGURES) ☐☐☐☐☐☐☐☐

ROLL NO. (IN WORDS) ☐☐☐☐☐☐☐☐

QUESTION BOOKLET NO. ☐☐☐☐☐ **SERIES** ☐

INSTRUCTIONS FOR FILLING SIDE-II OF ANSWER SHEET (OMR)

Example for filling side II of Answer Sheet



Number	Example
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
0	0

There are 1 to 40 questions of multiple choice for each subject darken only one circle out of four option.

Example :

Q. Jaipur is the capital of ..... ?

1. Punjab 2. Uttar Pradesh 3. Gujarat 4. Rajasthan ① ② ③ ●

Instructions for marking answers

1. Use provided black ball point pen only for blackening (shading) the circle on side-II of the answer sheet.
2. Blacken the circle completely and uniformly so that the letter / number inside the circle is not visible.
3. Blacken only **ONE** circle for each answer as shown in the example below.

Wrong **Wrong** **Wrong** **Correct**

4. Blacken/Darken the circle with pen in the space provided. Do not make any stray mark on the Answer sheet or touch pen on any other circle
5. Rough work must not be done on the answer sheet. Use your test booklet for doing the rough work.
6. Once you darken the circle, you cannot change the answer. Do not use any eraser or whitener.
7. For every correct answer four marks will be awarded.
8. There will be negative marking (one mark will be deducted for every wrong answer).

ROLL NO. (IN FIGURES) 1 2 0 8 5 4 7 7

ROLL NO. (IN WORDS)

ONE	TWO	ZERO	EIGHT	FIVE	FOUR	SEVEN	SEVEN

JOINT ENTRANCE TEST- 2020

OMR ANSWER SHEET, SIDE-II

ROLL NO.

0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9

BOOKLET SERIES

A B C D

SIGNATURE OF CANDIDATE

SIGNATURE OF INVIGILATOR

Mark of Stamp Should not overlap The Answer/Circle

EXAM CENTRE STAMP

Candidate's State ○ Rajasthan ○ Other State

	AGRICULTURE (A)				BIOLOGY (B)				CHEMISTRY (C)				MATHEMATICS (M)				PHYSICS (P)			
1	1	2	3	4	1	1	2	3	4	1	1	2	3	4	1	1	2	3	4	
2	1	2	3	4	2	1	2	3	4	2	1	2	3	4	2	1	2	3	4	
3	1	2	3	4	3	1	2	3	4	3	1	2	3	4	3	1	2	3	4	
4	1	2	3	4	4	1	2	3	4	4	1	2	3	4	4	1	2	3	4	
5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	
6	1	2	3	4	6	1	2	3	4	6	1	2	3	4	6	1	2	3	4	
7	1	2	3	4	7	1	2	3	4	7	1	2	3	4	7	1	2	3	4	
8	1	2	3	4	8	1	2	3	4	8	1	2	3	4	8	1	2	3	4	
9	1	2	3	4	9	1	2	3	4	9	1	2	3	4	9	1	2	3	4	
10	1	2	3	4	10	1	2	3	4	10	1	2	3	4	10	1	2	3	4	
11	1	2	3	4	11	1	2	3	4	11	1	2	3	4	11	1	2	3	4	
12	1	2	3	4	12	1	2	3	4	12	1	2	3	4	12	1	2	3	4	
13	1	2	3	4	13	1	2	3	4	13	1	2	3	4	13	1	2	3	4	
14	1	2	3	4	14	1	2	3	4	14	1	2	3	4	14	1	2	3	4	
15	1	2	3	4	15	1	2	3	4	15	1	2	3	4	15	1	2	3	4	
16	1	2	3	4	16	1	2	3	4	16	1	2	3	4	16	1	2	3	4	
17	1	2	3	4	17	1	2	3	4	17	1	2	3	4	17	1	2	3	4	
18	1	2	3	4	18	1	2	3	4	18	1	2	3	4	18	1	2	3	4	
19	1	2	3	4	19	1	2	3	4	19	1	2	3	4	19	1	2	3	4	
20	1	2	3	4	20	1	2	3	4	20	1	2	3	4	20	1	2	3	4	
21	1	2	3	4	21	1	2	3	4	21	1	2	3	4	21	1	2	3	4	
22	1	2	3	4	22	1	2	3	4	22	1	2	3	4	22	1	2	3	4	
23	1	2	3	4	23	1	2	3	4	23	1	2	3	4	23	1	2	3	4	
24	1	2	3	4	24	1	2	3	4	24	1	2	3	4	24	1	2	3	4	
25	1	2	3	4	25	1	2	3	4	25	1	2	3	4	25	1	2	3	4	
26	1	2	3	4	26	1	2	3	4	26	1	2	3	4	26	1	2	3	4	
27	1	2	3	4	27	1	2	3	4	27	1	2	3	4	27	1	2	3	4	
28	1	2	3	4	28	1	2	3	4	28	1	2	3	4	28	1	2	3	4	
29	1	2	3	4	29	1	2	3	4	29	1	2	3	4	29	1	2	3	4	
30	1	2	3	4	30	1	2	3	4	30	1	2	3	4	30	1	2	3	4	
31	1	2	3	4	31	1	2	3	4	31	1	2	3	4	31	1	2	3	4	
32	1	2	3	4	32	1	2	3	4	32	1	2	3	4	32	1	2	3	4	
33	1	2	3	4	33	1	2	3	4	33	1	2	3	4	33	1	2	3	4	
34	1	2	3	4	34	1	2	3	4	34	1	2	3	4	34	1	2	3	4	
35	1	2	3	4	35	1	2	3	4	35	1	2	3	4	35	1	2	3	4	
36	1	2	3	4	36	1	2	3	4	36	1	2	3	4	36	1	2	3	4	
37	1	2	3	4	37	1	2	3	4	37	1	2	3	4	37	1	2	3	4	
38	1	2	3	4	38	1	2	3	4	38	1	2	3	4	38	1	2	3	4	
39	1	2	3	4	39	1	2	3	4	39	1	2	3	4	39	1	2	3	4	
40	1	2	3	4	40	1	2	3	4	40	1	2	3	4	40	1	2	3	4	

ANNEXURE-IV

SCHEDULE OF ENTIRE ADMISSION PROCESS THROUGH JET 2020
जेट 2020 प्रवेश प्रक्रिया की अनुसूची

S. No.	Activities	Proposed Date & Day	
1.	Issuing of Activity Schedule of JET-2020 on University/JET website (विश्वविद्यालय/जेट वेबसाईट पर जेट–2020 का गतिविधि कलेण्ड़र जारी करना)	15.02.2020	Saturday
2.	Issuing Notification in News papers and University/JET website (समाचार पत्रो एवं विश्वविद्यालय/जेट वेबसाईट पर अधिसूचना जारी करना)	**Before 26.02.2020**	**Wednesday**
3.	Date of commencement for filling the online application (ऑनलाइन आवेदन भरना शुरू करने की तिथि)	16.03.2020	Monday
4.	Last date for filling and online deposting the application forms without late fee (ऑनलाइन आवेदन फॉर्म बिना विलम्ब शुल्क और ऑनलाईन जमा करने की अन्तिम तिथि)	25.04.2020	Saturday
5.	Last date for filling & online depositing the application forms with late fee Rs. 500/- (500/– रूपये विलम्ब शुल्क के साथ आवेदन फॉर्म भरने और ऑनलाईन शुल्क जमा करने की अंतिम तिथि)	28.04.2020	Tuesday
6.	Last date for editing applications form (आवेदन फॉर्म मे सुधार की अंतिम तिथि)	30.04.2020	Thursday
7.	Online Admit cards available (ऑनलाइन एडमिट कार्ड उपलब्ध)	**01.06.2020**	**Monday**
8.	**Date of Entrance Examination (प्रवेश परीक्षा की तिथि)**	**07.06.2020**	**Sunday**
9.	Display of OMR sheets and answer key (ओएमआर शीट एवं उत्तर कुंजी का प्रदर्शन)	14.06.2020	Sunday
10.	Last date for objections, if any (आपत्तियों के लिए अंतिम तिथि यदि कोई हो)	16.06.2020	Tuesday
11.	Declaration of result (रिजल्ट की घोषणा)	23.06.2020	Tuesday
12.	Opening of Online Option Form (ऑनलाइन विकल्प फॉर्म खोलना)	25.06.2020	Thursday
13.	Last date for depositing the Online Option Form fee (ऑनलाइन विकल्प फॉर्म शुल्क जमा करने की अनंतिम तिथि)	30.06.2020	Tuesday
14.	Last date for editing the Online Option Form (ऑनलाइन विकल्प फॉर्म के संपादन की अनंतिम तिथि)	01.07.2020	Wednesday
15.	Display of 1st Provisional Admission List (पहली अनंतिम प्रवेश सूची का प्रदर्शन)	06.07.2020	Monday
16.	Last date for accepting allotment and depositing the fee or submitting request for upward assessment (Online) आवंटन स्वीकार करने और शुल्क जमा करने या ऊपर की ओर मूल्यांकन के लिए अनुरोध जमा करने की अनंतिम तिथि (ऑनलाइन)	10.07.2020	Friday
17.	Display of 2nd Provisional Admission List (दूसरी अनंतिम प्रवेश सूची का प्रदर्शन)	**13.07.2020**	**Monday**
18.	Last date for accepting allotment and depositing the fee or submitting request for 2nd upward assessment (Online) आवंटन स्वीकार करने और शुल्क जमा करने या दूसरे ऊपर की ओर मूल्यांकन के लिए अनुरोध जमा करने की अंतिम तिथि (ऑनलाइन)	16.07.2019	Thursday

19.	Display 3rd Provisional Admission List (तीसरी अनंतिम प्रवेश सूची का प्रदर्शन)	**20.07.2020**	**Monday**
20.	Last date for accepting allotment and depositing fee (Online) आवंटन स्वीकार करने और शुल्क जमा करने की अंतिम तिथि (ऑनलाइन)	23.07.2020	Thursday
21.	Reporting with original documents in respective College up to 5:00PM (संबंधित कॉलेज में मूल दस्तावेजों के साथ रिपोर्टिंग 5:00 बजे तक)	24-25.07.2020	Friday and Saturday
If seats remains vacant			
22.	Opening of Option Form for Online Spot Counselling (ऑनलाइन स्पॉट काउंसलिंग के लिए ऑप्शन फॉर्म खोलना)	29.07.2020	Wednesday
23.	Last date for Online Option Form (ऑनलाइन विकल्प फॉर्म की अंतिम तिथि)	01.08.2020	Saturday
24.	Display of 1st Provisional Admission List (अनंतिम सूची का प्रदर्शन)	04.08.2020	Tuesday
25.	Last date for depositing the Online fees (ऑनलाइन फीस जमा करने की अंतिम तिथि)	06.08.2020	Thursday
26.	Reporting in the College (कॉलेज में रिपोर्टिंग)	10.08.2020	Monday
27.	Display of 2nd Provisional Admission List (दूसरी अनंतिम सूची का प्रदर्शन)	13.08.2020	Thursday
28.	Last date for depositing the online fees (ऑनलाइन फीस जमा करने की अंतिम तिथि)	15.08.2020	Saturday
29.	Reporting in the college (कॉलेज में रिपोर्टिंग)	17.08.2020	Monday

Admission process for 2020-21 will be over by 17th August, 2020. Although, Coordinator JET/Pre-PG/Ph. D has reserves the right to change the dates.

Candidates are advised to visit the website for changes in dates, system, or any other information from time to time. The office of the JET Coordinator will not be responsible for not reaching the any changes to the candidate in time.	अभ्यर्थियों को सलाह दी जाती है कि वे समय–समय पर तारीख, प्रणाली एवं किसी अन्य जानकारी में परिवर्तन के लिए वेबसाइट देखते रहे। किसी प्रकार के परिवर्तनों समय पर उम्मीदवार तक नही पहुंचने के लिए जेट समन्वयक कार्यालय जिम्मेदार नही होगा।

Coordinator
JET/Pre-PG/Ph. D 2020