Α	201	प्रश्नपुस्तिका <u>BOOKLE</u>		
	प्रञ्नपु	-		कूण प्रश्न : 100
$5:1rac{1}{2}$ (दीड) तास	चाळणी	परीक्षा	•	र्कूण गुण : 200
	्र सूच्	वना		
सदर प्रश्नपुस्तिकेत 100 3	<u>मनिवार्य प्रश्न आहेत.</u> उमेदवारांनी गाची खात्री करून घ्यावी. असा त	प्रश्नाचा उत्तर ालाहण्यास सुर पोच भाषा काटी टोप आटळ	रुवात करण्यापूर्वा य ज्याम ही प्रश्नप्रसित	॥ प्रश्नपुरितकत सव का समवेक्षकांकदन
प्रश्न आहत किवा नाहात र लगेच बदलून घ्यावी.		<u></u>		
	। परीक्षा-	क्रमाक		
आपला परीक्षा-क्रमांक ह्या	चौकोनांत	<u> </u>		↑ शेवटचा अंक
न विसरता बॉलपेनने लिह			<u> </u>	
	क्रमांक तुमच्या उत्तरपत्रिकेवर विशि प्रत्येक प्रश्नाला 4 पर्यायी उत्तरे सुच			
(ब) आयोगाने ज्या विष	यासाठी मराठी बरोबर इंग्रजी माध		च विषयाचे प्रश्न म	
 (ब) आयोगाने ज्या विष भाषेत देखील छाप कारणांमुळे विसंगत पहावा. सर्व प्रश्नांना समान गुण आ वेगाने प्रश्न सोडवावेत. क्र प्रश्नाकडे वळावे. अशा परतणे सोईस्कर ठरेल. उत्तरपत्रिकेत एकदा नमूद वे 	यासाठी मराठी बरोबर इंग्रजी माध ज्यात आले आहे. त्यामधील इंग्र ति निर्माण झाल्याची शंका आल् <u>हेत. यास्तव सर्व प्रश्नांची उत्तरे द्या</u> माने प्रश्न सोडविणे श्रेयस्कर आहे प् प्रकारे शेवटच्या प्रश्नापर्यंत पोहोचल ज्लेले उत्तर खोडता येणार नाही. नमूद	यम विहित केलेले आहे. त्या जीतील किंवा मराठीतील प्र वास, उमेदवाराने संबंधित प्र वीत. घाईमुळे चुका होणार ना गण एखादा प्रश्न कठीण वात त्यानंतर वेळ शिल्लक राहिल्य र केलेले उत्तर खोडून नव्याने उत्त	च विषयाचे प्रश्न म ाश्नामध्ये मुद्रणदोष ग्रश्न पर्यायी भाषेर्त हति याची दक्षता घे टल्यास त्यावर वेळ ास कठीण म्हणून व ार दिल्यास ते तपासले	षांमुळे अथवा अन्य ोल प्रश्नाशी ताडून ऊनच शक्य तितक्या न घाल्त्रविता पुढील रगळलेल्या प्रश्नांकडे ले जाणार नाही.
 (ब) आयोगाने ज्या विष भाषेत देखील छाप कारणांमुळे विसंगत पहावा. सर्व प्रश्नांना समान गुण आ वेगाने प्रश्न सोडवावेत. क प्रश्नाकडे वळावे. अशा परतणे सोईस्कर ठरेल. उत्तरपत्रिकेत एकदा नमूद वे प्रस्तुत परीक्षेच्या उत्तरप तसेच '' उमेदवाराने वस्त् नमूद करावीत. अन्यथ 	यासाठी मराठी बरोबर इंग्रजी माध ज्यात आले आहे. त्यामधील इंग्र ते निर्माण झाल्याची शंका आल्स हेत. यास्तव सर्व प्रश्नांची उत्तरे द्या माने प्रश्न सोडविणे श्रेयस्कर आहे प प्रकारे शेवटच्या प्रश्नापर्यंत पोहोचल	यम विहित केलेले आहे. त्या जीतील किंवा मराठीतील प्र वीत. घाईमुळे चुका होणार ना गण एखादा प्रश्न कठीण वात त्यानंतर वेळ शिल्लक राहिल्य द केलेले उत्तर खोडून नव्याने उत्त दवाराच्या उत्तरपत्रिके तील श्नांची दिलेल्या चार उत्तरांपे	च विषयाचे प्रश्न म श्नामध्ये मुद्रणदोष रश्न पर्यायी भाषेर्त हति याची दक्षता घे टल्यास त्यावर वेळ तस कठीण म्हणून व तर दिल्यास ते तपासले इ योग्य उत्तरांनाच की सर्वात योग्य उत्त	षांमुळे अथवा अन्य ोल प्रश्नाशी ताडून ऊनच शक्य तितक्या न घाल्त्रविता पुढील रगळलेल्या प्रश्नांकडे ले जाणार नाही. गुण दिले जातील. तरेच उत्तरपत्रिकेत
 (ब) आयोगाने ज्या विष भाषेत देखील छाप कारणांमुळे विसंगत पहावा. सर्व प्रश्नांना समान गुण आ वेगाने प्रश्न सोडवावेत. क्र प्रश्नाकडे वळावे. अशा परतणे सोईस्कर ठरेल. उत्तरपत्रिकेत एकदा नमूद वे प्रस्तुत परीक्षेच्या उत्तरप तसेच '' उमेदवाराने वस्त् 	यासाठी मराठी बरोबर इंग्रजी माध ज्यात आले आहे. त्यामधील इंग्र ते निर्माण झाल्याची शंका आल् <u>हेत. यास्तव सर्व प्रश्नांची उत्तरे द्या</u> माने प्रश्न सोडविणे श्रेयस्कर आहे प् प्रकारे शेवटच्या प्रश्नापर्यंत पोहोचल जलेले उत्तर खोडता येणार नाही. नमूद त्रेकांचे मूल्यांकन करताना उमे निष्ठ बहुपर्यायी स्वरूपाच्या प्रञ् तत्यांच्या उत्तरपत्रिकेत सोडविले	यम विहित केलेले आहे. त्या जीतील किंवा मराठीतील प्र वीत. घाईमुळे चुका होणार ना गण एखादा प्रश्न कठीण वात त्यानंतर वेळ शिल्लक राहिल्य द केलेले उत्तर खोडून नव्याने उत्त दवाराच्या उत्तरपत्रिके तील श्नांची दिलेल्या चार उत्तरांपे	च विषयाचे प्रश्न म श्नामध्ये मुद्रणदोष रश्न पर्यायी भाषेर्त हति याची दक्षता घे टल्यास त्यावर वेळ तस कठीण म्हणून व तर दिल्यास ते तपासले इ योग्य उत्तरांनाच की सर्वात योग्य उत्त	षांमुळे अथवा अन्य ोल प्रश्नाशी ताडून ऊनच शक्य तितक्या न घाल्त्रविता पुढील रगळलेल्या प्रश्नांकडे ले जाणार नाही. गुण दिले जातील. तरेच उत्तरपत्रिकेत

पुढील सूचना प्रश्नपुस्तिकेच्या शेवटच्या पानावर पहा

- 1. 'सुकन्या समृद्धी खाते' याबाबतीत खालील विधाने विचारात घ्या :
 - (a) या योजनेखाली केवळ पोस्ट ऑफिसमध्येच खाते उघडता येते.
 - (b) दहा वर्षे वयाखालील मुलीसाठी सदर खाते उघडता येते.
 - (c) खाते उघडण्यासाठी सुरुवातीची रक्कम ₹ 1000 आहे.
 - (d) या खात्यात दरवर्षी जास्तीत जास्त ₹ 1,50,000 जमा करण्याची मर्यादा आहे.

योग्य पर्याय निवडा :

(1) (a), (b), (c) (2) (a), (b), (d) (3) (b), (c), (d) (4) (a), (b), (c), (d) Consider the following statements about 'Sukanya Samriddhi Account' :

- (a) Under the scheme account will be opened in a post office only.
- (b) The Account can be opened for girl child below the age of 10.
- (c) The opening amount for the account is ₹ 1000
- (d) The maximum limit for deposit in the account is ₹ 1,50,000 per year.

Choose the **correct** option :

- (1) (a), (b), (c) (2) (a), (b), (d) (3) (b), (c), (d) (4) (a), (b), (c), (d)
- 'महाराष्ट्र सामाजिक बहिष्कारापासून व्यक्तिंचे संरक्षण (अटकाव, प्रतिबंध व सुधार) अधिनियम 2016' बाबत खालीलपैकी कोणते विधान चुकीचे आहे?
 - (1) सामाजिक बहिष्कारासंबंधीचे विधेयक महाराष्ट्र विधिमंडळाद्वारे एप्रिल 2016 मध्ये मंजूर करण्यात आले.
 - (2) सामाजिक बहिष्कार हा प्रकार गुन्हा ठरवून तसा कायदा मंजूर करणारे महाराष्ट्र हे देशातील पहिले राज्य ठरले आहे.
 - (3) दोषी आढळणाऱ्यास तीन वर्षापर्यंतचा तुरुंगवास अथवा एक लाख रूपये दंड अथवा दोन्हीही अशी शिक्षेची तरतूद यात आहे.
 - (4) वरीलपैकी एकही नाही

Which one of the following statements about 'Maharashtra Prohibition of People from Social Boycott (Prevention, Prohibition and Redressal) Act-2016 is incorrect ?

- (1) With reference to the social boycott the Bill passed by the Maharashtra Legislature in April 2016.
- (2) Maharashtra becomes the first state in the country to enact such a law, making social boycott a crime.
- (3) It provides for an imprisonment of up to three years or Rupees one lakh fine or both, anyone found guilty.
- (4) None of the above

HO9

- कामकाजाच्या 327 दिवसांत 6065 प्रकरणे निकाली काढण्यासाठी खालील कोणत्या कौटुंबिक न्यायालयाच्या न्यायाधीशांनी गिनीज वर्ल्ड रेकॉर्ड केले आहे ?
 - (1) संजय पांडा (2) तेज बहादूर सिंह
 - (3) विपिन पारिख (4) अशोक कुमार रावत

Who among the following family court judge has set a Guinness World Record for disposing of 6065 cases in just 327 working days ?

- (1) Sanjay Panda (2) Tej Bahadur Singh
- (3) Vipin Parikh (4) Ashok Kumar Rawat
- 4. अयोग्य कथन ओळखा :
 - (1) 'जागतिक आनंद निर्देशांक' युनोद्वारे दरवर्षी प्रकाशित केला जातो.
 - (2) पहिला अहवाल हा 2012 मध्ये प्रकाशित केला होता.
 - (3) आंतरराष्ट्रीय आनंद दिवस हा 20 एप्रिल रोजी साजरा केला जातो.
 - (4) 2017 च्या अहवालानुसार भारत हा बहुसंख्य सार्क देशांच्या मागे आहे.

Identify the incorrect statement :

- (1) 'The World Happiness Index' is published annually by the UN.
- (2) First report was published in 2012.
- (3) International Day of Happiness is celebrated on 20th April.
- (4) As per report of 2017, India was behind majority of SAARC nations.

5. जोड्या लावा :

	'अ' (खेळ)		'ब' (खेळाडू)
(a)	उंच उडी	(i)	सारीका काळे
(b)	कॅरम	(ii)	संदिप देवरूखकर
(c)	जिम्नॅस्टिक्स	(iii)	दिपा कर्माकर

(d) खो खो (iv) मरीय्यप्पन थांगवेलू

पर्यायी उत्तरे :

	(a)	(b)	(c)	(d)
(1)	(i)	(ii)	(iii)	(iv)
(2)	(iv)	(ii)	(iii)	(i)
(3)	(i)	(iii)	(iv)	(ii)
(4)	(i v)	(iii)	(ii)	(i)

Match the pairs :

	'A' ((Sport	s)		'B' (Sportsperson)	
(a)	Higl	n Jum	р		(i)	Sarika Kale
(b)	Carı	om			(ii)	Sandip Devrukhkar
(c)	Gyn	masti	cs		(iii)	Deepa Karmakar
(d)	Kho Kho				(iv)	Mariyappan Thangvelu
Ans	wer C	Pptior	is :			
	(a)	(b)	(c)	(d)		
(1)	(i)	(ii)	(iii)	(iv)		
(2)	(iv)	(ii)	(iii)	(i)		

(3) (i) (iii) (iv) (ii)
(4) (iv) (iii) (ii) (i)

HO9

- 6. नुकत्याच घोषित झालेल्या सहाव्या जागतिक न्याय प्रकल्पाच्या 'कायद्याचे अधिराज्य सूची' (Sixth World Justice Project's Rule of Law Index') संदर्भात खालील विधाने विचारात घ्या :
 - (a) भारताचा 113 देशात 66 वा क्रमांक होता.
 - (b) भारत हा आपल्या ब्रिक्स सहकारी चीन व रशियापेक्षा अधिक चांगल्या स्थितीत होता.
 - (c) नॉर्वे प्रथमस्थानी होता.
 - (d) कंबोडिया यादीत शेवटच्या स्थानी होता.

वरीलपैकी कोणती विधाने बरोबर आहेत?

(1) (a), (b), (c) (2) (b), (c), (d) (3) (a), (b) (4) (a), (d) Consider the following statements regarding 'Sixth World Justice Project's Rule of Law Index' released recently :

- (a) India ranked 66th among 113 countries.
- (b) India was better than its BRICS peers China and Russia.
- (c) Norway ranked No. 1.
- (d) Cambodia was at the bottom of the rank.

Which of the statements given above are correct?

(1) (a), (b), (c) (2) (b), (c), (d) (3) (a), (b) (4) (a), (d)

7. अयोग्य कथन ओळखा :

- (1) भारतात बाल कामगार हे 'बाल कामगार (प्रतिबंध आणि नियमन) कायदा 1986' सरकार द्वारे संचालित केले जात होते.
- (2) संसदेने जुलै 2016 मध्ये 'बाल कामगार (प्रतिबंध आणि नियमन) दुरुस्ती विधेयक मंजूर केले आहे.
- (3) या दुरुस्ती विधेयक 2016 खाली येणाऱ्या गुन्ह्यांसाठी जास्तीत जास्त ₹ 1,00,000 दंडाची तरतूद आहे.
- (4) वरीलपैकी एकही नाही

Identify the incorrect statement :

- (1) Child labour in India was governed by the 'Child Labour' (Prohibition and Regulation) Act, 1986.
- (2) The Child Labour (Prohibition and Regulation) Amendment Bill was passed by the Parliament in July 2016.
- (3) The maximum penalty for offences under Amendment Bill, 2016 is ₹ 1,00,000
- (4) None of the above

(1) स्थापना 2001 मध्ये

Α

- (2) मुख्यालय मनिला येथे
- (3) पाकिस्तान सदस्य आहे
- (4) म्यानमार हा 7 वा सदस्य बनला आहे

Which one of the following statements about 'South Asia Sub-Regional Economic Co-operation (SASEC) is **incorrect** ?

- (1) Set up in 2001
- (2) Headquarter is at Manila
- (3) Pakistan is a Member
- (4) Myanmar becomes 7th member
- 9. 'भारतातील सर्वाधिक स्वच्छ जिल्ह्यांमध्ये' महाराष्ट्रातील कोणत्या जिल्ह्यांचा समावेश करण्यात आला आहे?
 - (a) सिंधुदुर्ग
 - (b) सातारा
 - (c) सोलापूर
 - (d) कोल्हापूर

पर्यायी उत्तरे :

- (1) फक्त (a), (b), (c) (2) फक्त (a), (b), (d)
- (3) फक्त (a), (c), (d)
- (4) फक्स (b), (c), (d)

Which districts of Maharashtra are included in 'Most Clean Districts of India ?'

- (a) Sindhudurg
- (b) Satara
- (c) Solapur
- (d) Kolhapur
- **Answer Options :**
- (1) Only (a), (b), (c) (2) Only (a), (b), (d)
- (3) Only (a), (c), (d) (4) Only (b), (c), (d)

10. योग्य कथने ओळखा :

- (a) 'स्लिपिंग ऑन द ज्युपिटर' हा ग्रंथ अनुराधा रॉय यांनी लिहिला.
- (b) अनुराधा रॉय यांना दक्षिण आशियाई साहित्य पुरस्कार प्राप्त झाला.
- (c) अनुराधा रॉय यांना मॅन बुकर पुरस्कार प्राप्त झाला.

पर्यायी उत्तरे :

- (1) फक्त (a), (b) (2) फक्त (a), (c)
- (3) फक्त (b), (c) (4) वरील सर्व

Select the correct statements :

(a) 'Sleeping on the Jupiter' is written by Anuradha Roy.

(b) Anuradha Roy won the South Asian Literature Award.

(c) Anuradha Roy won the Man Booker Award.

Answer Options :

(1)	Only (a), (b)	(2)	Only (a), (c)
(3)	Only (b), (c)	(4)	All of the above

- 11. 2017 मध्ये बर्मिंघम, इंग्लंडमध्ये एका कार्यक्रमात भारतीय वंशाच्या महिलेचे नाव सांगा जिने 'आशियाई उद्योजक ऑफ दी इयर' जिंकलं ?
 - (1) आशा खेमका (2) किरण खेळकर
 - (3) विभा बेदी (4) अरुणा चंदा

Name the Indian-origin woman who was named 'Asian Businesswoman of the Year' at an event in Birmingham, England in 2017 ?

- (1) Asha Khemka (2) Kiran Khelkar
- (3) Vibha Bedi (4) Aruna Chanda

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12.	. 'ऑस्कर पुरस्कार - 2017' बाबत खालीलपैकी कोणती जोडी बिनचूक नाही ?									
	(1)	उत्कृष्ट नायक		~	कॅसे अफ्लेव	कॅसे अफ्लेक (मुनलाईट)				
	(2)	उत्कृष्ट नायिका		-	ईमा स्टोन (ला ला लँड)				
	(3)	उत्कृष्ट सहनायव	วิ	-	महेरशाला अ	ग्ली (मुनलाईट)				
	(4)	उत्कृष्ट सहनायि	কা	-	व्हायोला डेगि	इंस (फेन्सेस)				
	Whi	ich of the follow	ving pai	rs about 'O	scar Award	ls - 2017′ is inc	orrectly	matched ?		
	(1)	Best Actor		-	Casey Af	fleck (moonligh	nt)			
	(2)	Best Actress		-	Emma stone (La La Land)					
	(3)	Best Supporti	ng Acto	r -	Mahersha	la Ali (Moonli	ght)			
	(4)	Best Support	ng Actre	288 -	Viola Dav	vis (Fences)				
13.	जार्गा	 तेक होमियोपैथीचा	दिवस जाग	ातिक स्तरावर		ला साजरा केला र	जातो.			
	(1)	15 एप्रिल	(2)	13 एप्रिल	(3)	17 मार्च	(4)	10 एप्रिल		
	Woi	rld Homeopath	y Day is	observed {	globally on	·				
	(1)	15 April	(2)	13 April	(3)	17 March	(4)	10 April		
<u> </u>	केंद्र	शासनाच्या 'उदय'।	(UDAY)	योजनेचा खाल	ीलपैकी कोण	ता उद्देश आहे ?				
. - •			•			र्थक सहाय्य प्रदान	काणे			
	(1)	জনা ধ্যায়ালে ধ	ার অন ও	ษเขตทาย (11)	নক আলে আ	পদ্য প্রহাব্দ সবাশ	બગરળ,			

n

- (2) देशातील प्रत्येक घरासाठी 2018 पर्यंत वीज प्रदान करणे.
- (3) कोळशावर आधारित ऊर्जा प्रकल्पांना नैसर्गिक वायू, आण्विक, सौर आणि पवन ऊर्जा प्रकल्पांमध्ये परिवर्तित करणे.
- (4) वीज वितरण कंपन्यांच्या आर्थिक कार्यवाही आणि पुनर्जीवनासाठी उपाययोजना प्रदान करणे.

Which one of the following is a purpose of UDAY, the scheme of the Union Government?

- (1) Providing technical and financial assistance to start-up entrepreneurs in the field of energy.
- (2) Providing electricity to every household in the country by 2018.
- (3) Replacing the coal based power plants with natural gas, nuclear, solar and wind power plants.
- (4) Providing solution for financial turnaround and revival of power distribution companies.

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

- 15. 'शांतीस्वरूप भटनागर' पुरस्काराबाबत खालील विधाने विचारात घ्या :
 - (a) याची स्थापना 1958 मध्ये 'कौन्सिल ऑफ सायंटिफिक अँड इंडस्ट्रीअल रिसर्च' (CSIR) तर्फे झाली.
 - (b) तो सी.एस.आय.आर. चे संस्थापक महासंचालक व पद्मभूषण प्राप्तकर्ते डॉ. शांतीस्वरूप भटनागर यांच्या सन्मानार्थ दिला जातो.
 - (c) रिषीकेश नारायणन आणि सुरेंद्रनाथ भट्टाचार्य हे 2016 चे जैविक विज्ञानातील विजेते आहेत.

पर्यायी उत्तरे :

- (1) विधाने (a) आणि (b) बरोबर आहेत (2) विधाने (b) आणि (c) बरोबर आहेत
- (3) विधाने (a), (b) आणि (c) बरोबर आहेत (4) केवळ विधान (b) बरोबर आहे

Consider the following statements about 'Shanti Swarup Bhatnagar' Prize :

- (a) It was instituted in 1958 by the Council of Scientific and Industrial Research (CSIR).
- (b) It is given in honour of Dr. Shanti Swarup Bhatnagar founder director general of CSIR and recipient of Padmabhushan.
- (c) Rishikesh Narayanan and Surendranath Bhatlacharya are the winner of 2016 in Biological Sciences.

Answer Options :

- (1) Statements (a) and (b) are correct (2) Statements (b) and (c) are correct
- (3) Statements (a), (b) and (c) are correct (4) Only statement (b) is correct
- 16. 'युनोस्को/ग्युल्लेरमो कानो विश्व वृत्तपत्र स्वातंत्र्य पुरस्कार 2017' कोणी प्राप्त केला आहे?
 - (1) खदिजा ईस्माईलोव्हा अझरबैजान
 - (2) माझेन दर्रावंश सिरीया
 - (3) अहमेट सिक तुर्की
 - (4) ड्विट इस्साक स्वीडन/इरिट्रिया

Who received the 'UNESCO/Guillermo Cano World Press Freedom Prize - 2017' ?

- (1) Khadija Ismayilova Azerbaijan
- (2) Mazen Darwish Syria
- (3) Ahmet Sik Turkey
- (4) Dawit Isaak Sweden/Eritrea

17. जोड्या लावा :

	'अ' (लेखक)					'ब' (ग्रंथ)			
	(a)	रूचिर शर्मा (i				(i)	द टर्न ऑफ द टॉरटाईज		
	(b)	पॉल बेट्टी				(ii)	द ग्रेट डिरेंजमेंट		
	(c)	अमिताव घोष				(iii)	द सेलआऊट		
	(d)	टी.एन	. नाय-	न		(iv)	द राईझ ॲण्ड फॉल ऑफ नेशन्स		
	पर्याय	यी उत्तरे :							
		(a)	(b)	(c)	(d)				
	(1)	(iv)	(iii)	(ii)	(i)				
	(2)	(iv)	(ii)	(iii)	(i)				
	(3)	(i)	(iii)	(ii)	(iv)				
	(4)	(i)	(ii)	(iii)	(iv)				
	Mate	ch the	pairs	:					
	'A' (Author)						'B' (Books)		
	(a) Ruchir Sharma				(i)	The Turn of the Tortoise			
	(b)	Paul	Betti			(ii)	The Great Derangement		
	(c)	Ami	tav G	hosh		(iii)	The Sellout		
	(d)	T.N.	Nina	n		(iv)	The Rise and fall of Nations		
	Ans	wer C)ptior	is :					
		(a)	(b)	(c)	(d)				
	(1)	(iv)	(iii)	(ii)	(i)				
	(2)	(iv)	(ii)	(iii)	(i)				
	(3)	(i)	(iii)	(ii)	(iv)		· · · ·		
	(4)	(i)	(ii)	(iii)	(iv)				
18.	' जाग	'जागतिक मुत्रपिंड दिवस - 2017' हा					या धोषवाक्याने साजरा केला गेला.		
	(1) जीवनासाठी मूत्रपिंड दान करा		ज्स	(2) सर्वांसाठी मुत्रपिंडाचे आरोग्य					
	(3)	मूत्रपि	ड विक	तर आणि	ण लठ्ठप	णा	(4) जीवनासाठी मूत्रपिंड		
	'Woi	rld Ki	dney	Day -	2017′	was	observed with the theme		
	(1)	Don	ate ki	dneys	for lif	e	(2) Kidney Health for all		
	(3)	Kidr	ney Di	sease	and o	bsity	(4) Kidney's for life		

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19.	जगात	ोल पहिली नदी कोणती, जिला मानवास जे	कायदेशीर अधिकार असतात ते मिळाले आहेत ?			
	(1)	अमेझॉन नदी	(2)	नाईल नदो		
	(3)	व्हांगन्यू नदी	(4)	गंगा नदी		
	Whi	ch river became the first in the wor	Id to	get same legal rights as a human being ?		
	(1)	River Amazon	(2)	River Nile		
	(3)	River Whanganui	(4)	River Ganga		
20.	ऑस्ट्रे	लियन ओपन 2017 मिश्र दुहेरी विजेतेपद क	ोणी जि	iकले ?		
	(1)	लिएंडर पेस /मार्टिना हिंगिस				
	(2)	जर्मेन गोल्डिंग/मॅक्स मिर्नी				
	(3)	इवान डोडिग /सानिया मिर्झा				
	(4)	जुआन काबाल /अबीगैल स्पीयर				

Who has won the Australian Open 2017 Mixed Doubles title ?

- (1)Leander Paes/Martina Hingis
- (2) Germaine Golding/Max Mirnyi
- (3) Ivan Dodig/Sania Mirza

Juan Cabal/Abigail Spears (4)

माहिती अधिकार अधिनियम 2005 नुसार प्रथम अपील जास्तीत जास्त किती दिवसात निकाली काढायला पाहिजे ? 21.

60 दिवसात 90 दिवसात (1)30 दिवसात (2)(3)45 दिवसात (4)Maximum period allowed for deciding first appeal under Right to Information Act, 2005 is :

60 days 90 days 30 days (2) (3)45 days (1)(4)

- 22. राज्य माहिती आयोगाचे असे मत झाले की, राज्य जन माहिती अधिकाऱ्याने, कोणत्याही वाजवी कारणाशिवाय माहिती मिळण्याबाबतचा अर्ज स्वीकारण्यास नकार दिला आहे, तर तो अर्ज स्वीकारे पर्यन्त त्यास प्रत्येक दिवसाला इतकी शास्ती लादली जाईल.
 - (1) शंभर रुपये
 - (2) एकशे पत्रास रुपये
 - (3) दोनशे रुपये
 - (4) दोनशे पन्नास रुपये

If the State Information Commission is satisfied that, the state Public Information officer, has without any reasonable cause, refused to receive an application, he shall impose a penalty of ______ each day till the application is received.

- (1) one hundred rupees
- (2) one hundred and fifty rupees
- (3) two hundred rupees
- (4) two hundred and fifty rupees

23. माहिती अधिकार अधिनियम, 2005 च्या अनुषंगाने ______ 'माहितीचा अधिकार' असेल.

- (1) भारतात राहणाऱ्या लोकांना
- (2) फक्त नोकरी करणाऱ्या नागरिकास
- (3) फक्त केंद्र सरकारच्या अधिकाऱ्यांना
- (4) सर्व नागरिकांना

The 'right to information' under the Right to Information Act, 2005 is conferred upon

- (1) People living in India
- (2) Only to the citizens doing job
- (3) Only to officers under Central Government
- (4) All citizens

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

- 24. माहितीच्या अधिकारात, या अधिकारांचा समावेश होतो.
 - (a) एखादे काम, दस्तऐवज, अभिलेख यांची पाहणी करणे.
 - (b) दस्तऐवजांच्या किंवा अभिलेख्यांच्या टिपण्या, उतारे किंवा प्रमाणित प्रती घेणे.
 - (c) सामग्रीचे प्रमाणित नमुने घेणे.
 - (d) डिस्केट्स, फ्लॉपी, टेप, व्हिडीओ कॅसेट या स्वरूपातील किंवा कोणत्याही अन्य इलेक्ट्रॉनिक प्रकारातील माहिती.

वरीलपैकी कोणते विधान/विधाने बरोबर आहेत?

- (1) (a) फक्त (2) (a) आणि (b) फक्त
- (3) (c) आणि (d) फक्त (4) वरील सर्व

Right to information includes :

- (a) Right to inspection of work, documents, records.
- (b) taking notes, extracts or certified copies of documents or records.
- (c) taking certified samples of material.
- (d) Obtaining information in the form of diskettes, floppies, tapes, video cassettes or in any other electronic mode etc.

Which of the statement given above is/are correct?

- (1) (a) only (2) (a) and (b) only
- (3) (c) and (d) only (4) All the above
- 25. राज्य मुख्य माहिती आयुक्त, ज्या दिनांकास आपले पद धारण करील त्या दिनांकापासून _____ वर्षांच्या कालावधीसाठी ते पद धारण करील.
 - (1) दोन(2) तीन(3) चार(4) पाच

(1) two (2) three (3) four (4) five

- 26. Read the following statements :
 - (a) During treatment of tetanus, the administration of tetanus antitoxin becomes ineffective after 48 hrs.
 - (b) Tetanus toxins produced by *clostridium tetani* are transmitted to brain by peripheral nerves.

Now state whether :

- (1) Both the statements are correct
- (2) Both the statements are false
- (3) First statement is correct not the second
- (4) First statement is false and second is correct
- 27. State which of the following statements is incorrect for 'vagus indigestion' in cattle ?
 - (1) Inappetence is observed for several days.
 - (2) Gradual distention on right abdomen with atony of rumen.
 - (3) Scanty feces and failure to respond to medical therapy.
 - (4) Loss of body condition and varying degrees of dehydration.
- 28. Identify which of the following symptom is not of zink deficiency in farm animals?
 - (1) Poor growth, low food intake, rough hair coat
 - (2) Testicular hypoplasia
 - (3) Keratinized skin on hind limbs
 - (4) Congenital limb deformity
- **29.** The following statements are clinical signs of Vestibular disease in animals. State which of the following statement is **not correct** ?
 - (1) The animals affected with vestibular disease shows staggering or circling.
 - (2) Nystagmus of eye ball either vertically or horizontally is observed.
 - (3) Facial paralysis is one of the sign of vestibular disease.
 - (4) Blindness is common finding in animals affected with Vestibular disease.

- **30.** Which of the following statements regarding pathogenesis of disseminated intravascular coagulopathy (DIC) is wrong ?
 - (1) The augmentation of clotting mechanisms can result in depletion of platelets, factors V, VIII, XIII.
 - (2) Elevated fibrinogen levels in association with the formation of fibrin clots in microvasculature.
 - (3) Tissue perfusion is decreased which leads to tissue hypoxia.
 - (4) Bleeding tendencies develops in affected animals.
- **31**. Match disease with it's synonym :
 - (a) Necrotic rhinitis
 - (b) Infectious bovine rhinotracheitis
 - (c) Contagious ecthyma
 - (d) Anthrax

Answer Options :

(a) (b) (c) (d) (1)(iii) (iv)(i) (ii) (2)(iv) (i) (iii) (ii) (3)(iv)(iii) (i) (ii)(4)(ii)(iv) (iii) (i)

- (i) Orf
- (ii) Charbone disease
- (iii) Red Nose
- (iv) Bull nose

32. Tumour involves gingiva at the dental border or in interdental spaces is :

- (1) Odontoma (2) Epulis
- (3) Adomantinoma (4) Dental Caries
- 33. Consider the following statements :
 - (a) Accumulation of gases exert tremendous pressure over the diaphragm and ribs in acute bloat in small ruminants.
 - (b) Hypoventilation and decreased venous return to the heart occurs in acute bloat in small ruminants.

Now state whether :

- (1) Both the statements are correct but second is not the result of the first.
- (2) Both the statements are correct and second is the result of the first.
- (3) Neither of the statement is correct.
- (4) The first statement is correct not the second.

- A state of mild degree central depression in which patient is awake but calm and free 34. from nervousness? Tranquilization (3) Hypnosis (4) Narcosis (2)(1)Sedation Match the terms for defect of eye ball with its meaning (use correct codes) : 35. Meaning Terms Abnormal protrusion of the globe. (a) Strabismus (i) (ii) Absence of the eyeball. **(b)** Buphthalmos (iii) Deviation of the globe from its proper axis. (c) Anophthalmos (iv) Bulging of the eyeball due to excessive fluid in the (d) Exophthalmos anterior chamber. **Answer Options :** (a) (b) (c) (d) (1)(iv)(iii) (ii) (i) (2)(iii) (iv)(ii) (i) (3) (ii) (iv)(iii) (i) (4) (iii) (ii) (iv)(i) Consider the following statements : 36. In Buttress foot, an enlargement at the coronary band at the center of the hoof is (a) seen. New bone growth due to healing of fracture or periostitis of the extensor process **(b)** occurs in Buttress foot. Now state whether : Neither of the statements are correct. (1)(2)The first statement is correct not the second.
 - (3) Both the statements are correct but the second is not the correct explanation of the first.
 - (4) Both the statements are correct and second is the correct explanation of the first.

37. The agent that used to reduce salivation and bronchial secretions in dogs is :

- (1) Triflupromazine HCl (2) α_2 adrenoceptor agonists
- (3) Anticholinergic (4) Neuroleptanalgesic

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

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38.	The	The most common site for obstruction of urinary calculi in cattle is :												
	(1)	Distal to sigmoid flexure	(2)	Neck of bladder										
	(3)	Urinary bladder	(4)	Urethral process										
39.	Froz	zen semen straws are maintained i	n liqu	uid nitrogen containers at what temperature										
	(1)	$-72 ^{\circ}\text{C}$ (2) $-196 ^{\circ}\text{F}$		(3) $-72 ^{\circ}\text{F}$ (4) $-196 ^{\circ}\text{C}$										
40.	The fremitus can first be felt in cattle from :													
	(1)	30 to 60 days of pregnancy	(2)	80 to 120 days of pregnancy										
	(3)	180 to 190 days of pregnancy	(4)	210 to 220 days of pregnancy										
41.	Dystokia due to failure of cervix to dilate in ewes is known as :													
	(1)	Digit womb	(2)	Ring womb										
	(3)	Tight womb	(4)	Narrow womb										
42.		Which of the following testicular pathology is not due to congenital or heredita causes ?												
	(1)	Testicular hypoplasia	(2)	Testicular degeneration										
	(3)	Cryptorchidism	(4)	None of above										
43.	To r	elieve uterine torsion buffalo is rol	- led in	n which direction ?										
	(1)	same direction of torsion	(2)	opposite direction of torsion										
	(1)	buille uncention of tororon	· · ·											
	(1)	backward direction	(4)	forward direction										
44.	(3)		(4)	forward direction										
44.	(3)	backward direction	(4)	forward direction										
44.	(3) Pyoi	backward direction metra in cattle is characterised by :	(4)	forward direction										
44.	(3) Pyoi (a)	backward direction metra in cattle is characterised by a Accumulation of pus in uterus	(4)	forward direction										
44.	(3) Pyon (a) (b) (c)	backward direction metra in cattle is characterised by a Accumulation of pus in uterus Retained corpus luteum	(4)	forward direction										
44.	(3) Pyon (a) (b) (c)	backward direction metra in cattle is characterised by a Accumulation of pus in uterus Retained corpus luteum Perrectally thickened uterine wa	(4)											

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45.	Lute	eal cysts in cows are :										
	(a) an ovulatory follicles over 2-5 cm in diameter which are partially Luteinized											
	(b)	softer and thick walled										
	(c)	characterized by nymphom	iania									
	Ans	wer Options :										
	(1)	(a) and (c) are correct	(2)	(b) and (c) are corre	ect							
	(3)	(a) and (b) are correct	(4)	none are correct								
46.	Bab	esiosis produces :										
	(1)	Hemolytic jaundice	(2)	Toxic jaundice								
	(3)	Obstructive jaundice	(4)	Idiopathic jaundice	2							
47.	Wooden tongue is caused by :											
	(1)	Actinobacillus	(2)	Actinomyces								
	(3)	Botriomyces	(4)	Mycoplasma								
48.		ereal transmission leading to ction/infections ?	abortion	occurs in which of th	he follo	wing protozoan						
	(1)	Bovine Tritrichomonosis	(2)	Ovine Toxoplasmos	sis							
	(3)	Canine Neosporosis	(4)	All of the above								
49.	Control of three host tick is difficult than that of one host tick because :											
	(a)											
	(b)	Both the moults in the life-c	ycle of one	host tick occur on th	ie grour	nd						
	(c)	Both the moults in the life-c	ycle of thre	ee host tick occur on	the grou	und						
	(d)	One host tick has less biotic	potential (han that of three hos	it tick							
	Whi	ch of the statements given ab	ove is/are	correct ?								
	(1)	(a) and (b) (2) (a) and	nd (c)	(3) (c) only	(4)	(d) only						

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.

- **50.** Name the test described below :
 - (a) Mixing of soluble antigen with strong antiserum (reactants)
 - (b) The mixture becomes cloudy and flocculent
 - (c) The reactants are in optimal proportions such that the lattice formed becomes insoluble.

Now choose the correct answer :

- (1) Agglutination (2) Neutralization
- (3) Precipitation (4) Passive agglutination
- 51. Name the element from the following description :
 - (a) Extra chromosomal genetic elements often found in bacteria.
 - (b) They are circular pieces of DNA
 - (c) They confer resistance to a number of antibiotics
 - (d) Transferred to other cells by conjugation

Choose the **correct** answer :

(1) R Plasmids (2) Episomes (3) F plasmids (4) Bacteriocins

52. Which of the following Brucella species is the main etiological agent of Brucellosis in sheep and goats and is also the main agent responsible for human brucellosis ?

- (1)Brucella abortees(2)Brucella ovis(3)Brucella suis(4)Brucella melitensis
- **53.** Name the drug described below :
 - (a) It is a catecholamine
 - (b) It is useful in providing immediate relief from bronchial asthama
 - (c) It is useful in treating hypotension associated with anaphylactic shock
 - (d) It is indicated in treatment of cardiac arrest

Answer Options :

- (1) Dopamine (2) Noradrenaline
- (3) Adrenaline (4) Isoproterenol

54.

Match the drugs with their mechanisms of action :									
	Dru	gs				Mechanism of action			
(a)	Pher	nylepł	nrine		(i)	Alpha 2 receptor antagonist			
(b)	Yohi	mbin	e		(ii)	Beta 2 receptor agonist			
(c)	Clen	buter	ol		(iii)	Beta 1 receptor antagonist			
(d)	Meto	oprole	>1		(iv)	Alpha 1 receptor agonist			
Ans	wer C	ption	is :						
	(a)	(b)	(c)	(d)					
(1)	(i)	(ii)	(iv)	(iii)					
(2)	(iv) (i) (ii) (iii)								
(3)	(ii)	(iv)	(i)	(iii)					
(4)	(iii)	(i)	(iv)	(ii)					

- Which of the following sulfonamides is/are used for the topical effect? 55.
 - Silver sulfadiazine (a)
 - **(b)** Mafenide
 - Sulfadoxine (c)
 - Sulfacetamide (d)

Answer Options :

(1)	(a), (b) and (d)	(2)	(a), (c) and (d)
(3)	(a), (b) and (c)	(4)	(d) only

- 56. Consider following statements :
 - Compared with mammalian and avian species the half-lives of antimicrobials in (a) fish and reptiles are prolonged.
 - In poikilothermic species, half-life of antimicrobial relates to the lower metabolic (b)turnover rate.

Answer Options :

- (1)Both the statements are correct and second is the correct explanation of the first
- (2)Neither of the statements is correct
- (3)Both the statements are correct but second is not the correct explanation for the first
- (4) The first statement is correct, not the second

- 57. Cyanide poisoning is often observed in livestock. What is not true about it ?
 - (1) It occurs in acute and peracute form.
 - (2) The most frequent cause of poisoning is ingestion of plants containing cyanogenetic glycosides.
 - (3) The treatment comprises sodium nitrite in distilled water i.v. 20 mg/kg followed by sodium thiosulphate 20% i.v. at 500 mg/kg.
 - (4) It affects oxygen carrying capacity of blood and blood is cherry red coloured.
- **58.** Among the following is the anti-oxidant permitted in India to add in the milk products in India :

(1)	Nordihydroguiaretic acid	(2)	Bulylated Hydroxy Anisole
(3)	Ethyl gallate	(4)	Hydroquinone

59. Match the pairs of milk with these method of preparation/obtained :

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(a)	Steri	ilized	milk	(i)		Obtained by employing selected micro-organism to develop the flavour body and texture
(b)	Hon	Homogenized milk		(ii)	Milk prepared by dispersion of whole milk powder in water	
(c)	Fern	Fermented milk		(iii)	Obtained by subdivision of fat globules	
(d)	Reh	hydrated milk		k	(iv)	Obtained by heating milk to 100°C and above
An	Answer Options :					
	(a)	(b)	(c)	(d)		
(1)	(i)	(ii)	(iii)	(iv)		
(2)	(ii)	(iii)	(i v)	(i)		
(3)	(iv)	(iii)	(i)	(ii)		
(4)	(iii)	(i)	(ii)	(iv)		

60. Butter is generally made from the cream by churning, it contains 80% fat, following are the most important specific requirement of the product manufacture.

23

- (a) Off flavour produced by lipolysis s/b avoided.
- (b) Too low pH (-4.6) is not good for the product.
- (c) Spredability and firmness depends strongly on the composition of fat and on the temperature.
- (d) Yield of butter does not depend on the water contents of the butter milk.

Answer Options :

- (1) (a) and (b) only (2) (b) and (c) only (3) (a) and (d) only (4) All the above
- 61. Donora (Pennsylvania) is associated with :
 - (1) More than 40% population is ill because of intense fog
 - (2) Blanket of thick fog for about 5 days
 - (3) Oxides of sulphur and soot
 - (4) Repeated bout of air pollution disasters causing smog disasters

62. A Collection of living organism in a biotope is called as :

(1)	Biotic community	(2)	Biocenosis
(3)	Large biolenosis	(4)	All of above

63. The concentration of CO_2 gas and period of exposure used for making pigs unconcious prior to slaughter :

- (1) 70% CO_2 and 60 seconds (2) 65% CO_2 and
- (3) 80% CO_2 and 45 seconds (4) 70%
- (2) 65% CO₂ and **40** seconds
 - and s (4) 70% CO_2 and 45 seconds

64. Following tests used for detection of certain quality parameters in liquid milk samples :

- List I Tests
- (a) Alcohol alizuvin test
- (b) Gerber test
- (c) Rosalic acid test
- (d) Sediment test
- Answer Options :
- (a) (b) (c) (d) (1) (ii) (iii) (i) (iv)
- (2) (ii) (i) (iv) (iii)
- (3) (iv) (i) (ii) (iii)
- (4) (iii) (ii) (i) (iv)

List- II - Parameters

- (i) Fat content
- (ii) Acidity
- (iü) Cleanliness
- (iv) Neutralizers

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nism in a biotope is

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65.	Mat	ch the	e organ	nisms	cause	s abnorm	inges in stored meat and meat products :						
	List - 1 Abnormal Changes								List - 2 Organisms				
	(a)	Bon	e tain	t			(i)	Spore	Sporotrichum carnis				
	(b)	Whi	sker's				(ii)	Clado	osporium her	barum			
	(c)	Whi	te spo	ot			(iii)	Cl. pi	utrefaciens				
	(d)	Blac	k spol	t			(iv)	Than	nnidium				
	Ans	wer C	Optior	ıs :									
		(a)	(b)	(c)	(d)								
	(1)	(ii)	(iii)	(iv)	(i)								
	(2)	(iii)	(iv)	(i)	(ii)								
	(3)	(iv)	(ii)	(iii)	(i)								
	(4)	(ii)	(i)	(iv)	(iii)								
66.	Os p	oenis i	s pres	ent in									
	(1)	Ox			(2)	Boar		(3)	Dog	(4)	Horse		
67.	In p	In pig, ligamentum nuchae is represented by :											
	(1)	By a	small	l fibro	us ba	nd which	extend	from a	xis to thora	cic spine			
	(2)	By f	ibrous	tissu	e by f	unicular a	nd lame	ellar pa	art				
	(3)	By a spin		ous raj	phe ai	nd thin la	yer of e	lastic	tissue whicl	h extend b	etween cervical		
	(4)	By a	powe	erful e	lastic	apparatu	s extend	l from	occipital bo	ne to with	ers		
68.	Corr	Corneoscleral junction is also called as :											
	(1)	Таре	etum I	lucidu	ım		(2)	Ora s	serrata				
	(3)	Ora	ciliari	s retir	nae		(4)	Limb	us				
<u> </u>	The	The process of transformation of spermatids into spermatozoa is called as											
	(1)	Sper	matog	genesi	s		(2)	Spermiogenesis					
	(0)	(3) Gametogenesis (4)						Spermato cytogenesis					

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70.	The vein formed by the union of Anterior and posterior mesenteric veins and spler is :													
	(1)	Phrenic vein	(2)	Portal vein										
	(3)	Hemiazygous vein	(4)	Saphenous vein										
71.	Ider	ntify the group of nitrogenous base	es (all	three) that are found is both RNA and DNA										
	(1)	Cytosine, Thymine, Adenine	(2)	Cytosine, Uracil, Adenine										
	(3)	Cytosine, Adenine, Guanine	(4)	Cytosine, Thymine, Uracil										
 72.	Ider	ntify the group of amino acids (all	three)	that is both glycogenic as well as ketogenic										
	(1)	Alanine, L-leucine, Iso-leucine	(2)	L-leucine, Tyrosine, Glutamine										
	(3)	Glycine, L-leucine, Histidine	(4)	Iso-leucine, Lysine, Phenylalanine										
—— 73.	Mos	Most sensitive test for detection of sugar in urine is :												
	(1)	Rothera's test	(2)	Benedict's test										
	(3)	Barfoed test	(4)	Hay's sulpher test 🕠										
74.	Whi	Which among the following hormones derived from amino acid/amine derivatives ?												
	(1)	Thyroxine	(2)	Insulin										
	(3)	Progesterone	(4)	Growth hormone										
75.		ich among the following condition and a second s	caused	d by the deficiency of vitamin 'E' in the diet of										
	(1)	Scurvy (2) Osteomal	lacia	(3) Sterility (4) Pellagra										
76.	Which one of the following Information Communication Technology (ICT) project can by National Informatics Centre (NIC) on behalf of central Govt. and Governmer Maharashtra and NGO ?													
	(1)	Gokul wired village project	(2)	Katraj wired village project										
	(3)	Koyna wired village project	(4)	Warna wired village project										
77.	A p	rojector which projects the image of	over th	he head of an instructor is called as :										
	(1)	Slide projector	(2)	Overhead projector										

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7 8 .		Which one of the following printing material is used in a single sheet of papers information on only one topic in a concise manner and simple language ?											
	(1)	Leaf	let		(2)	Folder		(3)	Pamplet	(4)	Bulletein		
79.	Eval	luatior	of pr	ogres	s is cl	assified as	extens	ion pi	rogramme plar	ming pro	ocess as like :		
	(1)	prog	ramm	e pla	nning		(2)	prog	gramme action				
	(3)	prog	ramm	e assi	imilati	ion	(4)	pro	gramme accult	uration			
80.	In w who		ype o	f grap	oh a c	ircle is div	ided i	nto se	egments to ind	icate dif	ferent parts of a		
	(1)	Bar g	graph		(2)	Area gra	ph	(3)	Line graph	(4)	Pie graph		
											1		
81.	the i	functic d for :	oned e	lemer							in this word 'S' Self-heIp		
81. 82.	the f stan (1)	functic d for : Satis 	oned e factio 	lemer n 	(2)	licated by t	he lett	e rs of	the word POS	DCORB,	in this word 'S'		
	the f stan (1)	functic d for : Satis ch the	oned e factio 	lemer n breed:	(2) s with	licated by t Staffing	tat :	(3)	the word POS	DCORB,	in this word 'S'		
	the f stan (1)	functic d for : Satis ch the	factio goat i - A (C	lemer n breed:	(2) s with	licated by t Staffing	tat :	(3) - B (1	the word POS Self-reliance	DCORB,	in this word 'S'		
	the f stan (1) Mat	function d for : Satis 	ned e factio goat 1 - A (C	lemer n breed:	(2) s with	licated by t Staffing	tat : List	ers of (3) - B (1 at	the word POS Self-reliance	DCORB,	in this word 'S'		
	the f stan (1) Mate (a)	function d for : Satis 	factio goat i - A (C ni iri	lemer n breed:	(2) s with	licated by t Staffing their habi (i)	tat : List Sura Puri	(3) - B (1	the word POS Self-reliance	DCORB,	in this word 'S'		
	the f stan (1) Mate (a) (b)	function d for : Satis Ch the List Sirol Bera	factio goat i - A (C ni iri	lemer n breed:	(2) s with	licated by t Staffing their habi (i) (ii)	tat : List Sura Puri Nag	(3) - B (1 at	the word POS Self-reliance Habitat)	DCORB,	in this word 'S'		
	the f stan (1) Mate (a) (b) (c) (d)	function d for : Satis Ch the List Sirol Bera Surti	factio goat i - A (C ni iri i	lemer n breed: Goat k	(2) s with	licated by t Staffing their habi (i) (ii) (iii)	tat : List Sura Puri Nag	(3) - B (1 at	the word POS Self-reliance Habitat) Wardha	DCORB,	in this word 'S'		
	the f stan (1) Mate (a) (b) (c) (d)	function d for : Satis Ch the List Sirol Bera Surti Ganj	factio goat i - A (C ni iri i	lemer n breed: Goat k	(2) s with	licated by t Staffing their habi (i) (ii) (iii)	tat : List Sura Puri Nag	(3) - B (1 at	the word POS Self-reliance Habitat) Wardha	DCORB,	in this word 'S'		
	the f stan (1) Mate (a) (b) (c) (d)	function d for : Satis ch the List Sirol Bera Surti Ganj wer o	factio factio goat i - A (C ni iri jam ptions	lemer n breed: Goat k	(2) s with	licated by t Staffing their habi (i) (ii) (iii)	tat : List Sura Puri Nag	(3) - B (1 at	the word POS Self-reliance Habitat) Wardha	DCORB,	in this word 'S'		
	the f stan (1) Mata (a) (b) (c) (d) Ans	function d for : Satis ch the List Sirol Bera Surti Ganj wer oj (a)	factio factio goat i - A (C ni iri jam ptions (b)	lemer n breed: Goat k	(2) s with preed)	licated by t Staffing their habi (i) (ii) (iii)	tat : List Sura Puri Nag	(3) - B (1 at	the word POS Self-reliance Habitat) Wardha	DCORB,	in this word 'S'		
	the f stan (1) Mat (a) (c) (d) Ans (1)	function d for : Satis Ch the List Sirol Bera Surti Ganj wer oj (a) (i)	factio factio goat - A (C ni iri jam ptions (b) (ii)	lemer n breed: Goat b Goat b (c) (iii)	(2) s with preed) (d) (iv)	licated by t Staffing their habi (i) (ii) (iii)	tat : List Sura Puri Nag	(3) - B (1 at	the word POS Self-reliance Habitat) Wardha	DCORB,	in this word 'S'		

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83. Match the dipping solution for sheep with their concentration :

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	List	- A (I	Dippin	ng solution)		List - B (Conce	ntration)			
(a)	Lind	ane d	lip		(i)	0.5%				
(b)	Pyre	thrin			(ii)	0.1%				
(c)	Nico	otine a	und to	bacco	(iii)	0.31%				
(d)	נסס				(iv)	0.2%	5 - C.			
Ans	wer o	ptions	5:	•			÷			
	(a)	(b)	(c)	(d)						
(1)	(iii)	(iv)	(ii)	(i)						
(2)	(i)	(ii)	(iii)	(iv)						
(3)	(iii)	(iv)	(i)	(ii)						
(4)	(iv)	(i)	(iii)	(ii)						
Indic	cate w	vhich a	are th	e characteristics	of goo	d layer :				
(a)	Thin, Pliable and well spread pubic bones									

- (b) Yellow coloured beak
- (c) Large, Oval, smooth and moist vent
- (d) Soft and loose skin

Answer options :

(1)	(b), (c) and (d)	(2)	(a) and (c)	4
(3)	(a), (c) and (d)	(4)	(b) and (d)	

- 85. Consider the statements given below :
 - (a) Energy Intake, thereby feed consumption reduces as environmental temperature increases.
 - (b) Birds need less energy when ambient temperature is high.

Answer options :

- (1) Both the statements are incorrect.
- (2) Both the statements are correct but second is not the correct explanation of first.
- (3) First statement is correct but second statement is incorrect.
- (4) Both the statements are correct and second is the correct explanation of first.

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84.

- 86. Goat is multipurpose animal. What is not true about goat ?
 - (1)Goat gives more production per unit investment.
 - (2)Goat is small size and younger slaughter age.
 - (3)Milk is not suitable for preparing milk products.
 - (4) Goat suffers less from ailments than do large animals.

87. Which of the following is not a prebiotic used in poultry diets ?

- Fructo oligosaccharides (a)
- (b) Inulins
- Lactobacillus strains (C)
- (d) Lactosucrose

Answer options :

- (1)(b) and (d) (2)Only (d) (3) (a) and (c) (4)Only (c)
- 88. Match different parts of oviduct with the function it serves in the process of egg formation in chickens.
 - Isthemus (a)
 - (b) Uterus
 - Infundibulum (c)
 - (d) Magnum

- Deposition of shell (i)
- (ii) Formation of shell membrane
- Secretion of albumen (iii)

Site of fertilization (iv)

Answer options :

- (a) (b) (c) (d) (1)(i) (ii) (iii) (iv)(2)(ii) (i) (iv) (iii)
- (3) (ii) (i) (iii) (iv)
- (4)(iv) (ii) (i) (iii)
- Response to selection is the difference between mean phenotypic value of : 89.
 - (1) Offsprings and selected parents
 - (2)Offsprings of selected parents and parental population before selection
 - (3)Sire and dam
 - (4)Selected parents and base population before selection

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- **90.** Breeding system by which a few purebred sires can rather quickly transform a non-descript population into the purebred called :
 - (1) Cross breeding (2) Grading up
 - (3) Back crossing (4) Criss crossing
- 91. The outcrossing within a herd by use of selected sire is called :
 - (1) Upgrading (2) Line breeding
 - (3) Selective breeding (4) Back crossing
- **92.** The most reliable and powerful Selection Index than conventional selection index for sire evaluation is :
 - (1) Total score method
 - (2) Maximum likehood
 - (3) BLUP (Best Linear Unbiased Prediction)
 - (4) BLUE

93. Sunandini is a synthetic cattle breed developed by crossing :

- (1) Red Sindhi X Non-descript cattle (Kerla)
- (2) Sahiwal X H.F.
- (3) Tharparkar X Jersey
- (4) Brown Swiss X Non-descript cattle (Kerla)

94. Method is used for selection when several traits are considered simultaneously :

- (1) Individual selection (2) Independent culling level
- (3) Selection Index (4) Tandom selection

95. Identify the chelate which interfere with utilization of essential cations :

- (a) Ethylenediaminetetra acetic acid
- (b) Cytochrome enzyme
- (c) Haemoglobin
- (d) Oxalic acid calcium

Answer options :

(1) (a) only

(b) and (c) (3) (c) and (d)

(4) (d) only

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- 96. Highly soluble minerals to maintain osmotic pressure, acid base equilibrium and water metabolism are :
 - (1) Sodium and potassium
 - (2) Potassium and chlorine
 - (3) Sodium, potassium and chlorine
 - (4) None of above

97. Match the disease caused by mineral deficiency (use correct codes) :

	Li	st - I				List - II
	(Dis	eases)			(Minerals)
(a)	Nor	mochi	omic	anaemia	(i)	Manganese
(b)	Alka	ali dise	ease		(ii)	Magnesium
(c)	Gras	s stag	gers		(iii)	Copper
(d)	Bone	e abno	ormali	ties	(iv)	Selenium
Ans	wer o	ption	5:			
	(a)	(b)	(c)	(d)		
(1)	(iii)	(ii)	(i)	(iv)		
(2)	(ii)	(i)	(iv)	(iii)		
(3)	(iii)	(iv)	(ii)	(i)		
(4)	(i)	(iii)	(iv)	(ii)		

98. Which are noncaloric functions of fat?

- (a) Protects the internal organs from shock or injury
- (b) Helps in absorption of carotene and the fat soluble vitamins
- (c) Source of metabolic water
- (d) Serves as an insulation material

Answer options :

(1) (a) only (2) (c) only (3) (b) and (c) (4) All above

31 Α Tryptophan cannot be converted to niacin in : 99. (a) Cats Chickens (c) (b) Ducks (d) Pigs Answer options : (c) and (d) (1) (a) only (2) (b) and (c) (d) only (3) (4)

100. Match the pairs between A and B :

		(A)				(B)
(a)	Vita	min 'z	4′		(i)	α-Tocopherol
(b)	Vita	min 'H	K'		(ii)	Menadione
(c)	Vitamin 'D'				(iii)	Carotene
(d)	Vitamin 'E'				(iv)	Ergocalciferol and cholecalciferol
Ans	wer o	ption	s :			
	(a)	(b)	(c)	(d)		
(1)	(iv)	(iii)	(i)	(ii)		
(2)	(iii)	(ii)	(iv)	(i)		
(3)	(i)	(iii)	(ii)	(iv)		
(4)	(ii)	(i)	(iii)	(iv)		

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सूचना — (पृष्ठ 1 वरून पुढे....)

- (8) प्रश्नपुस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपुस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा इतर कागदावर कच्चे काम केल्यास ते कॉपी करण्याच्या उद्देशाने केले आहे, असे मानले जाईल व त्यानुसार उमेदवारावर शासनाने जारी केलेल्या ''परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचे अधिनियम-82'' यातील तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.
- (9) सदर प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपल्यानंतर उमेदवाराला ही प्रश्नपुस्तिका स्वतःबरोबर परीक्षाकक्षाबाहेर घेऊन जाण्यास परवानगी आहे. मात्र परीक्षाकक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग-1 समवेक्षकाकडे न विसरता परत करणे आवश्यक आहे.

नमुना प्रश्न

- प्र. क्र. 201. सतीची चाल नष्ट करण्यासाठी कोणी मूलत: प्रयत्न केले?
 - (1) स्वामी दयानंद सरस्वती (2) ईश्वरचंद्र विद्यासागर
 - (3) राजा राममोहन रॉय (4) गोपाळकृष्ण गोखले

ह्या प्रश्नाचे योग्य उत्तर ''(3) राजा राममोहन रॉय'' असे आहे. त्यामुळे या प्रश्नाचे उत्तर ''(3)'' होईल, यास्तव खालीलप्रमाणे प्रश्न क्र. 201 समोरील उत्तर-क्रमांक ''(3)'' हे वर्तुळ पूर्णपणे छायांकित करून दाखविणे आवश्यक आहे.

प्र. क्र. 201. (1) (2) 🛑 (4)

अशा पद्धतीने प्रस्तुत प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाचा तुमचा उत्तरक्रमांक हा तुम्हाला स्वतंत्ररीत्या पुरविलेल्या उत्तरपत्रिकेवरील त्या त्या प्रश्नक्रमांकासमोरील संबंधित वर्तुळ पूर्णपणे छायांकित करून दाखवावा. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.