

PUNJAB PUBLIC SERVICE COMMISSION

Competitive Examination (October-2016) for Recruitment of Project Manager in the Department of Industries & Commerce, Government of Punjab

READ INSTRUCTIONS BEFORE FILLING ANY DETAILS OR ATTEMPTING TO ANSWER THE QUESTIONS.

Candidate's Name _____

Father's Name _____

Date of Birth
DD MM YYYY

Category Code*
 (*as given in the admit card)



OMR Response Sheet No. _____

Roll No. _____

Booklet No.

Candidate's Signature (Please sign in the box)

INSTRUCTIONS

<p>1. The candidate shall NOT open this booklet till the time told to do so by the Invigilation Staff. However, in the meantime, the candidate can read these instructions carefully and subsequently fill the appropriate columns given above in CAPITAL letters. The candidate may also fill the relevant columns (other than the columns related to marking responses to the questions) of the Optical Mark Reader(OMR) response sheet, supplied separately</p>	<p>9. The candidates shall be responsible to ensure that the responses are marked in correct manner and any adverse impact due to wrong marking of responses would be the responsibility of the respective candidate. The following are some of the examples of wrong marking of responses on the OMR response sheet.</p> 
<p>2. Use only blue or black ball point pen to fill the relevant columns on this page. Use of fountain pen may leave smudges which may make the information given by the candidate illegible.</p> <p>3. The candidate shall be liable for any adverse effect if the information given above is wrong or illegible.</p>	<p>10. The candidates, when allowed to open the question paper booklet, are advised to check the booklet to confirm that the booklet has complete number of pages, the pages are printed correctly and there are no blank pages. In case there is any such error in the question paper booklet the candidate should immediately bring this fact to the notice of the invigilation Staff and obtain a booklet of the same series.</p>
<p>4. The candidate must fill all the columns given above on this page and sign at the appropriate place.</p> <p>5. Each candidate is required to attempt 100 questions in 120 minutes, except for visually impaired candidates, who would be given 40 minutes extra, by marking correct responses on the OMR sheet which would be supplied separately to the candidates</p>	<p>11. The serial number of the new booklet should be entered in the relevant column of the OMR. The candidate should request the Invigilation Staff to authenticate the change in serial number of question booklet by obtaining the initials of the Staff on the corrected serial number of the question booklet</p>
<p>6. The candidate must write the following on the OMRs sheet: (a)Serial number of OMR sheet supplied to him/her for marking the responses to the questions. (b)Serial number of the question booklet Failure to do so may lead to cancellation of candidature or any other action which the Commission may deem fit.</p>	<p>12. The question paper booklet has 13 pages.</p> <p>13. Each question carries three marks.</p>
<p>7. The candidate should darken the most appropriate response to the question by completely darkening the relevant circle/oval according to his/her choice of response i.e. a, b, c or d in the manner shown in the example below.</p> <div style="text-align: center; margin-top: 10px;"> a b c d  </div>	<p>14. There are four options for each question and the candidate has to mark the most appropriate answer on the OMR response sheet using blue or black ball point pen.</p>
<p>8. Partly darkening the circle/oval on the OMR response sheet or using other symbols such as tick mark or cross would not result in evaluation of the response as the OMR scanner can only interpret the answers by reading the darkened responses in the manner explained in preceding paragraph. Darkening more than one circle/oval as response to a question shall also be considered as wrong answer.</p>	<p>15. There is no negative marking for wrong answers or questions not attempted by the candidate.</p>

1. What is a zoom lens?
 - a) It is a lens having fixed focal length
 - b) It is a lens having variable focal length
 - c) It is a lens used in radio telescopes
 - d) None of the above

2. What is the difference between a CFL and an LED lamp?
 1. To produce light, a CFL uses mercury vapour and phosphor while an LED lamp uses semi-conductor material
 2. The average life span of a CFL is much longer than that of an LED lamp
 3. A CFL is less energy-efficient as compared to an LED lampWhich of the statements given above is/are correct?
 - a) 1 only
 - b) 2 and 3 only
 - c) 1 and 3 only
 - d) 1, 2 and 3

3. Which one of the following is associated with Darwinism?
 - a) Law of Use and Abuse
 - b) Mutation
 - c) Theory of Germplasm
 - d) Natural Selection

4. Which one of the following is known as Marsh gas?
 - a) CO
 - b) CH₄
 - c) CO₂
 - d) H₂

5. Which one of the following is not a site for in-situ method of conservation of flora?
 - a) Biosphere Reserve
 - b) Botanical Garden
 - c) National Park
 - d) Wildlife Sanctuary

6. Which one of the following is the largest terrestrial wild animal?
 - a) Indian elephant
 - b) African elephant
 - c) Giraffe
 - d) White tiger

7. Galvanised Iron sheets have a coating of:
 - a) Tin
 - b) Lead
 - c) Zinc
 - d) Chromium

8. Fruit most suitable for making jelly is _____
 - a) Papaya
 - b) Karunda
 - c) Mango
 - d) Banana

9. Epicentre of an earthquake is a point associated with the:
- place where earthquake is felt
 - place of origin of earthquake in the interior of earth
 - point on the earth's surface just above seismic focus
 - point over the earth's surface where first shock is felt
10. Electric current is measured by:
- Voltmeter
 - Anemometer
 - Commutator
 - Ammeter
11. Dim-vision in the evening and night results from the deficiency of which one of the following?
- Vitamin A
 - Vitamin E
 - Vitamin B12
 - Vitamin C
12. Diffusion of light in the atmosphere takes place due to:
- Carbon dioxide
 - Dust particles
 - Helium
 - Water vapours
13. Number of Red list categories of species recognised by IUCN is:
- 8
 - 9
 - 11
 - 5
14. Biodiversity park in Delhi:
- Yamuna Biodiversity Park
 - Ganga Biodiversity Park
 - Northern Ridge Biodiversity Park
 - Central Ridge Biodiversity Park
15. UN declared 2016 as the Year of:
- Family Farming
 - Pulses
 - Biodiversity
 - Sustainable Energy for all
16. Which one of the following ecosystem types has the highest annual net primary productivity?
- Tropical deciduous forest
 - Tropical rain forest
 - Temperate deciduous forest
 - Temperate evergreen forest
17. The maximum tidal energy potential in India is:
- In Gulf of Cambay
 - In Gangetic delta in Sundarbans
 - Along the coast of Odisha
 - Along the coast of Chennai

18. Father of Indian Ecology:
- Ramdeo Misra
 - Ram Chandra Guha
 - Madhav Gadgil
 - Gurcharan Das
19. Sugar bowl of the world is:
- India
 - Cuba
 - Brazil
 - South Africa
20. Nanda Devi peak forms a part of:
- Assam Himalayas
 - Kumaon Himalayas
 - Nepal Himalayas
 - Punjab Himalayas
21. Electroluminescent layer is a film of organic compound which emits light in response to an electric current and is known as:
- OLED
 - LED
 - LCD
 - Crystal display
22. According to USDA, during the 25th April 2015 Nepal earthquake, the epicentre was Barpak and its hypocenter was approximately at a depth of:
- 8.2 Km
 - 3.5 Km
 - 10.8 Km
 - 7.6 Km
23. Recently, "oilzapper" was in the news. What is it?
- It is an eco-friendly technology for the remediation of oily sludge and oil spills
 - It is the latest technology developed for under-sea oil exploration
 - It is a genetically engineered high biofuel-yielding maize variety
 - It is the latest technology to control the accidentally caused flames from oil wells
24. When a gas turns into a liquid, the process is called:
- condensation
 - evaporation
 - deposition
 - sublimation
25. Which of the following elements is a metal?
- S
 - Se
 - I
 - Ga

26. Oranges are rich source of:
- Carbohydrates
 - Fats
 - Proteins
 - Vitamins
27. In which layer of the atmosphere do most weather phenomena occur?
- Exosphere
 - Stratosphere
 - Ionosphere
 - Troposphere
28. In the H1N1 Virus what do the alphabets H and N stand for
- I - H stands for haemagglutinin
II - N stands for neuraminidase
- Only I is correct
 - Only II is correct
 - Both are correct
 - Both are incorrect
29. In the context of alternative sources of energy, ethanol as a viable bio-fuel can be obtained from:
- Potato
 - Rice
 - Sugarcane
 - Wheat
30. In making the saffron spice, which one of the following parts of the plant is used?
- Leaf
 - Petal
 - Sepal
 - Stigma
31. In a dry cell (battery), which of the following are used as electrolytes?
- Ammonium chloride and Zinc chloride
 - Sodium Chloride and Calcium chloride
 - Magnesium chloride and Zinc chloride
 - Ammonium chloride and Calcium chloride
32. Dental caries are due to:
- Viral infection
 - Contaminated water
 - Bacterial infection
 - Hereditary causes
33. 'Sweta Seedless' grape variety recently released by IIHR, Bangalore, is suitable for growing in:
- North India
 - South India
 - Western India
 - Eastern India

34. Central Institute of Post-Harvest Engineering and Technology is located at:
- Abohar (Punjab)
 - Ludhiana (Punjab)
 - Bangalore (Karnataka)
 - Bhopal (Madhya Pradesh)
35. Arrange the following cities of Punjab from East to West
- | | | | |
|--------------|--------------|---------------|----------------|
| 1. Gurdaspur | 2. Jalandhar | 3. Hoshiarpur | 4. Nawanshahar |
|--------------|--------------|---------------|----------------|
- 1 2 3 4
 - 4 3 2 1
 - 2 3 4 1
 - 3 1 2 4
36. India has adopted Rule of Law on the pattern of:
- Japan
 - USA
 - Britain
 - Britain with certain modifications
37. Civil society exercises:
- Force
 - Legal Pressure
 - Political Pressure
 - Social Pressure
38. The power of the Supreme Court of India to decide disputes between the centre and the states falls under its:
- Advisory Jurisdiction
 - Appellate Jurisdiction
 - Original Jurisdiction
 - Writ Jurisdiction
39. Constitution of India was adopted by constituent assembly on:
- 25 October, 1948
 - 25 October, 1949
 - 26 November, 1948
 - 26 November, 1949
40. Constitution of India came into effect from:
- 25 January, 1950
 - 26 January, 1950
 - 15 August, 1950
 - 15 January, 1950
41. Setting a Supreme Court at Calcutta was a part of:
- Regulating Act of 1773
 - Pitts India Act of 1784
 - Charter Act of 1793
 - Charter Act of 1893

42. Christian Missionaries were allowed to spread their religion in India, under the:
- Pitts India Act of 1784
 - Charter Act of 1813
 - Charter Act of 1833
 - Charter Act of 1853
43. The plan to transfer of power to the Indians and partition of the country was laid down in the:
- Cabinet Mission Plan
 - Simon Commission
 - Cripps Mission
 - The Mountbatten Plan
44. Who was the chairman of Drafting Committee of the Constitution of India?
- N Gopalaswamy
 - K.M Munshi
 - N Madhava Rao
 - Dr. B.R. Ambedkar
45. Which Article is related to Equality before law?
- Art. 13
 - Art. 14
 - Art. 15
 - Art. 16
46. Which Article is described as the "Heart and Soul of the Constitution"?
- Article 20
 - Article 32
 - Article 36
 - Article 50
47. What can be the maximum gap between two sessions of Parliament in India?
- 4 Months
 - 5 Months
 - 6 Months
 - No rule like this
48. The oath of office is administered to the Governor by the:
- Chief justice of India
 - President
 - Chief justice of high court
 - Speaker of legislative assembly
49. "The Swaraj of today is within the Empire and not independent of it". Who said this?
- Mahatma Gandhi
 - Jawaharlal Nehru
 - Tilak
 - Lala Lajpat Rai
50. Right to Form Association is a:
- Civil Right
 - Legal Right
 - Political Right
 - Natural Right

51. Which of the following committees are related to the poverty in India?

- (1) Tendulkar Committee (2) Dandakar and Rath Committee
(3) Rangrajan Committee (4) Lakadwala Committee

Choose the correct code

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

52. Which of the following tax is levied, collected and retained by the Central Government?

- a) Excise Duty
- b) Custom Duty
- c) Sales Tax
- d) Income Tax

53. Who among the following is associated with the theory of Laissez fair?

- a) Marx
- b) Malthus
- c) Adam Smith
- d) Keynes

54. Which of the following is not related to the export promotion strategies in India?

- a) EEZ
- b) EPZ
- c) SEZ
- d) EOU

55. In the context of the Indian economy arrange the establishment of the following institutions chronologically?

1. NABARD 2. RRB 3. UTI 4. SEBI

Choose the correct code

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

56. During which plan period agriculture productions registered a negative growth?

- a) Third
- b) Fifth
- c) Seventh
- d) Ninth

57. Under the border area development programme how many blocks of Punjab have been covered?

- a) 15
- b) 17
- c) 18
- d) 22

58. The term net working capital refers to which of the following?
- Total Assets minus total liabilities
 - Working Assets minus long term Liabilities
 - Total Assets minus Short term Liabilities
 - Current Assets minus Current liabilities
59. In which of the following industries Compulsory Licensing is not needed?
- Defence equipment
 - Alcohol
 - Soft Drinks
 - Electronic aerospace
60. RBI has recently announced to withdraw all old bank notes from the circulation issued before the year:
- 2000
 - 2003
 - 2005
 - 2007
61. The Reverse Mortgage Scheme has been launched by the central government to give benefit to which of the following groups of the society?
- Senior Citizens
 - Small Investors
 - Retired Persons
 - Unemployed Youth
62. Which of the following Corporation has been promoting diversification in the Punjab through contract farming?
- Punjab Agro Food grains Corporation (PAFC)
 - Punjab Agro Development Corporation (PADC)
 - Punjab Agro Horticulture Corporation (PAHC)
 - Punjab Agro Food grains Commission(PAFC)
63. Which of the following is not true about the Marginal Standing Facilities?
- MSF facility is specially created to help solve short-term cash mis-match
 - All types of banks can borrow under this Facility
 - This is linked with the Repo rate
 - At this rate borrowing is done overnightly from RBI against the government securities
64. Who has been appointed as a chairman of the Empowered committee of the state finance ministers on GST?
- Arun Jaitley
 - G N Wani
 - Dr. Amit Mitra
 - C K Gani
65. 14th Finance Commission (FC) in its recommendations has fixed the share of Punjab in central taxes at:
- 0.9577%
 - 1.177%
 - 1.377%
 - 1.577%.

66. Consider the following action by the Government:

- (1) Cutting the tax rate
- (2) Increasing the government spending
- (3) Enhancing subsidy to promote Investment
- (4) Reducing the Interest rate

In the context of economic recession, which of the above actions can be considered as a part of Fiscal stimulus Package?

Choose the correct code

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

67. Which of the following Union Cabinet Ministers is not an ex-officio Member of the NITI Aayog?

- a) Rajnath Singh
- b) Arun Jaitley
- c) Suresh Prabhu
- d) Smriti Irani

68. The RBI has recently doubled the eligibility limit for the Foreign exchange remittances under the Liberalised Remittance scheme (LRS) per person per year to the amount:

- a) 3.00 lakh Dollar
- b) 2.50 lakh Dollar
- c) 2.00 lakh Dollar
- d) 1.50 lakh Dollar

69. Which of the following cities of Punjab will be covered under the National Heritage City Development and Augmentation Yojana?

- a) Ludhiana
- b) Patiala
- c) Jalandhar
- d) Amritsar

70. Which of the following is true about the World Trade Organisation (WTO)?

- a) It is an agency of the United Nations
- b) First Ministerial Conference of WTO was held in Geneva
- c) Council for Trade Related Investment Measures (TRIMS) is an important body of the WTO
- d) One of the important objectives of WTO is to protect the environment.

71. Human Resource development was adopted as a main objective in which five year plan in India?

- a) Eight
- b) Ninth
- c) Tenth
- d) Eleventh

72. Which of the following Indices is not associated with India?

- a) DOLLEX
- b) NIFTY
- c) SENSEX
- d) SIMEX

73. Eurasian Economic Union (EEU)' came into existence in January 2015. Which of the following countries is not a member of EEU?
- Armenia
 - Belarus
 - Azerbaijan
 - Kazakhstan
74. Which of the following agencies will acts as the regulator for Micro Financing Institutions?
- MUDRA
 - NABARD
 - RBI
 - RIDF
75. Which of the following is not correctly matched?
- | | |
|---|---------|
| a) Base year of the estimation of National Income | 2011-12 |
| b) Base year of the Whole sale Price Index | 2004-05 |
| c) Base year of Index of Industrial Production | 2007-08 |
| d) Base year of Index of Agriculture Production | 2007-08 |
76. Which of the following Policies and Acts are correctly matched with their year of the implementation?
- | | |
|---|------|
| (1) Industrial Policy of Punjab | 2007 |
| (2) Punjab Special Economic Zone Act | 2008 |
| (3) Punjab Agro Industrial Policy | 2009 |
| (4) Punjab New and Renewable Sources of Energy Policy | 2012 |
- Choose the correct code
- 1, 2 and 4
 - 2 and 3
 - 3 and 4
 - 1, 2, 3 and 4
77. Which of the Following organization Publishes 'World Economic Outlook' Report every year?
- IMF
 - World Bank
 - UNCTAD
 - World Economic Forum
78. Central Government has recently launched "Kayakalp scheme" is related to the:
- Public Health Facilities
 - Primary education
 - E Governance
 - Sanitation
79. Which of the following item is not included in Indian foreign exchange reserve?
- Special Drawing Rights
 - FDI through RBI
 - Foreign Currency asset held by RBI
 - Gold holding of the RBI

80. Forced saving is associated with:
- Government Subsidies
 - Public Debt
 - Monetary Policy
 - Deficit Financing
81. Which of the following is the nodal agency for the development of infrastructure in Punjab?
- Punjab Infrastructure Development Board (PIDB)
 - Punjab Infrastructure Development Corporation (PIDC)
 - Punjab Infrastructure Development Agency (PIDA)
 - Punjab Infrastructure Development Council (PIDC)
82. The term 'Politics' has come from the Greek Word polis, which meant:
- Nation State
 - City State
 - City
 - Society
83. The term city-state is generally associated with:
- Ancient Egypt
 - Ancient Greece
 - Ancient China
 - None of the above
84. Who first used the term 'State'?
- Plato
 - Aristotle
 - Machiavelli
 - Garnev
85. The concepts of Rights, Property, Liberty, Equality and justice are related to:
- Dictatorship
 - Democracy
 - Aristocracy
 - Oligarchy
86. All rights must be compatible with:
- Religion
 - Custom
 - Common good
 - Culture
87. Natural rights are those which are given to us by the:
- State
 - Government
 - Ruler
 - God or Nature
88. Who said "The God, who gave us life, gave us liberty at the same time"?
- Adam Smith
 - Jawaharlal Nehru
 - Mahatma Gandhi
 - Jefferson

89. Which one of the following is a Civil Right?
- a) Right to go to the courts
 - b) Right to work
 - c) Right to hold public office
 - d) Right to Petition
90. In India, the right to property is a:
- a) Fundamental right
 - b) Legal right
 - c) Political right
 - d) Moral right
91. Justice requires:
- a) Independent Judiciary
 - b) Elected Judiciary
 - c) Selected Judiciary
 - d) Experienced Judiciary
92. Who was the Chief exponent of the communistic theory of property?
- a) Kant
 - b) Green
 - c) Bosanquet
 - d) Karl Marx
93. Who of the following was honoured with the prestigious Dada Saheb Phalke award 2015?
- a) Dev Anand
 - b) Gulzar
 - c) Shashi Kapoor
 - d) Rekha
94. Which of the following has won the "Ladli voice of the century" award?
- a) Shreya Ghoshal
 - b) Lata Mangeshkar
 - c) Asha Bhosle
 - d) K.S.Chitra
95. World Health Day was observed globally on which of the following dates?
- a) 7th May
 - b) 13th April
 - c) 5th March
 - d) 7th April
96. The power to increase the number of Judges in the Supreme Court of India is vested in:
- a) The President of India
 - b) The Parliament
 - c) The Chief Justice of India
 - d) The Law Commission
97. Which one of the following is the largest committee of the Parliament?
- a) The committee of Public Accounts
 - b) The committee on Estimates
 - c) The committee on petitions
 - d) None of these

98. Which one of the following schedules of the Constitution of India contains provisions regarding anti defection?
- a) Second Schedule
 - b) Fifth Schedule
 - c) Eight Schedule
 - d) Tenth Schedule
99. In the Constitution of India, promotion of international peace and security is included in the:
- a) Preamble of the Constitution
 - b) Fundamental Duties
 - c) Directive Principles of State Policy
 - d) 9th Schedule
100. The North American Free Trade Area includes:
- a) Mexico, USA and Canada
 - b) Canada, Venezuela and Brazil
 - c) USA, UK and Canada
 - d) Colombia, USA and Argentina
