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A

JDD-13/ASTP/X-14

Serial No.

POST CODE : 150/14

पोस्ट कोड

Write here Roll number and Answer-Sheet No.

यहाँ क्रमांक एवं उत्तर-पत्रिका संख्या लिखें

478821

Roll No./ अनुक्रमांक

Answer Sheet No./ उत्तर-पत्रिका संख्या

Time Allowed : 2 hours

OBJECTIVE TYPE ONE-TIER EXAMINATION

Maximum Marks : 200

निर्धारित समय : 2 घंटे

वस्तुनिष्ठ वन-टियर परीक्षा

अधिकतम अंक : 200

Read the following instructions carefully before you begin to answer the questions.

प्रश्नों के उत्तर देने से पहले नीचे लिखे अनुदेशों को ध्यान से पढ़ लें।

#### IMPORTANT INSTRUCTIONS TO CANDIDATES

- This Booklet contains 200 questions in all comprising the following Sections :

Sections	Test Components	No. of Questions	Page No.
(A) i)	General Awareness	20	4 - 7
ii)	General Intelligence and Reasoning Ability	20	8 - 11
iii)	Arithmetical and Numerical Ability	20	12 - 15
iv)	Test of Language : Hindi	20	16 - 18
v)	Test of Language : English	20	19 - 21
(B)	Post Specific Subject-Related Questions	100	22 - 47

- All questions are compulsory and carry equal marks.
- The paper carries negative markings. For each wrong answer 0.25 mark will be deducted.
- In case of any discrepancy between the English and Hindi versions of any question, the English version will be treated as final/authentic.
- OMR Answer-Sheet is enclosed in this Booklet. You must complete the details of Roll Number, Question Booklet No., etc., on the Answer-Sheet and Answer-Sheet No. on the space provided above in this Question Booklet, before you actually start answering the questions, failing which your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark.
- You must not tear off or remove any sheet from this Booklet. The Answer-Sheet must be handed over to the Invigilator before you leave the Examination Hall.
- Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is not allowed.
- Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
- The manner in which different questions are to be answered has been explained at the back of this Booklet, which you should read carefully before actually answering the questions.
- No Rough Work is to be done on the Answer Sheet.

#### उम्मीदवारों के लिए महत्वपूर्ण अनुदेश

- इस पुस्तिका में कुल 200 प्रश्न हैं, जिनमें निम्नलिखित भाग शामिल हैं :

भाग	परीक्षण विषय	प्रश्नों की संख्या	पृष्ठ क्रमांक
(अ) i)	सामान्य जानकारी	20	4 - 7
ii)	सामान्य बुद्धिमत्ता तथा तार्किक योग्यता	20	8 - 11
iii)	अंकगणितीय एवं सांख्यिक योग्यता	20	12 - 15
iv)	भाषा परीक्षण : हिन्दी	20	16 - 18
v)	भाषा परीक्षण : अंग्रेजी	20	19 - 21
(ब)	पोस्ट स्पेसिफिक विषय - संबंधी प्रश्न	100	22 - 47

- सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं।
- प्रश्न पत्र में नकारात्मक अंकन होगा। हर गलत उत्तर के लिए 0.25 अंक काटा जायेगा।
- यदि किसी प्रश्न के हिन्दी तथा अंग्रेजी अनुवाद में कोई अंतर है तो अंग्रेजी अनुवाद को ही सही समझा जायेगा।
- इस उत्तर-पुस्तिका में ओ.एम.आर. उत्तर-पत्रिका संलग्न है। प्रश्नों के उत्तर वास्तव में शुरू करने से पहले आप उत्तर-पत्रिका में अपना रोल नम्बर, प्रश्न पुस्तिका संख्या, इत्यादि तथा इस प्रश्न पुस्तिका में उपरोक्त दिए गए स्थान पर उत्तर-पत्रिका की संख्या लिखें। अन्यथा आपकी उत्तर-पत्रिका को जांचा नहीं जायेगा और शून्य अंक दिया जायेगा।
- इस पुस्तिका से कोई पन्ना फाड़ना या अलग करना मना है। परीक्षा-भवन छोड़ने से पहले उत्तर-पत्रिका निरीक्षक के हवाले कर दें।
- कैलकुलेटर/पाडटॉप/लैपटॉप/अन्य डिजिटल उपकरण/मोबाइल/सेल फोन/पेजर का उपयोग वर्जित है।
- परीक्षा-भवन में अनुचित व्यवहार एवं कार्य के लिए दोषी पाये गये अभ्यर्थी व्यक्तिगत दंडनीय/वैधानिक कार्यवाही के पात्र होंगे।
- विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे छपे हुए निर्देशों में दी गई है, इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें।
- कोई रफ कार्य उत्तर-पत्रिका पर नहीं करना है।

Go through instructions given in Page No. 48 (Back Cover Page)



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488841





**SECTION – A**  
**i) General Awareness**

1. The power to appoint members of the Union Public Service Commission rests with the  
(A) President  
(B) Prime Minister  
(C) Parliament  
(D) Ministers for Home Affairs
2. Light emitted by the sun reaches the earth in  
(A) 1 second  
(B) 10 seconds  
(C) 13 seconds  
(D) None of these
3. 'Malt', a stage of grains during beer formation refers to the  
(A) Germinated wet grain  
(B) Dry grain  
(C) Mashed grain  
(D) Powered grain
4. Which is used as a magnifying glass ?  
(A) Plane mirror  
(B) Concave mirror  
(C) Converging lens  
(D) Diverging lens
5. The 'Red Data Book' containing information on all wild plants and animals in danger of extinction has been published by which one of the following ?  
(A) International Union for Conservation of Nature and Natural Resources  
(B) World Wildlife Fund  
(C) World Conservation Union  
(D) United Nations Environment Programme
6. Who was the first recipient of Nehru Award for International Understanding ?  
(A) Martin Luther King  
(B) Mother Teresa  
(C) U. Thant  
(D) Dr. Jonas Salk
7. Who is the first Indian sports-person to win an individual Gold medal in the Olympic Games ?  
(A) Leander Paes  
(B) Vijender Kumar  
(C) Abhinav Bindra  
(D) Vikram Rathore
8. Who among the following was a contemporary of Gautam Buddha ?  
(A) Nagarjuna  
(B) Kanishka  
(C) Kautilya  
(D) Mahavir
9. The idea of including the Emergency provisions in the Constitution of India has been borrowed from the  
(A) Constitution of Canada  
(B) Weimar Constitution of Germany  
(C) Constitution of Ireland  
(D) Constitution of the USA
10. Who wrote the line : 'A thing of beauty is a joy for ever' ?  
(A) P. B. Shelley  
(B) William Wordsworth  
(C) John Keats  
(D) Robert Browning





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11. The classical dance form Kath originated in which Indian State ?  
(A) Orissa  
(B) Tamil Nadu  
(C) West Bengal  
(D) Kerala
12. In India, how many States are coastline ?  
(A) 7  
(B) 8  
(C) 9  
(D) 10
13. Who was the First Speaker of Independent India's Lok Sabha ?  
(A) G. V. Mavalankar  
(B) Rabi Ray  
(C) Hukam Singh  
(D) Bali Ram Bhagat
14. Who presented the first Union Budget of Independent India ?  
(A) Rajendra Prasad – 1949  
(B) John Mathai – 1950  
(C) R. K. Shanmukham Chetty – 1947  
(D) C. D. Deshmukh – 1952
15. The capital of Austria is  
(A) Canberra  
(B) Vienna  
(C) Jakarta  
(D) Tokyo
16. In which one of the following Ministries the census organization has been functioning on a permanent footing since 1961 ?  
(A) Health and Family Welfare  
(B) Home Affairs  
(C) Social Justice and Empowerment  
(D) Human Resource Development
17. Which one of the following is the largest Committee of the Parliament ?  
(A) The Public Accounts Committee  
(B) The Estimates Committee  
(C) The Committee on Public Undertakings  
(D) The Committee on Petitions
18. The plant dye Henna imparts orange-red colour to skin and hairs due to its reaction with which of the following ?  
(A) Proteins and amino-acids  
(B) Lipids  
(C) Carbohydrates  
(D) Nucleic acids
19. Which of the following is associated with the manufacture of guided missiles ?  
(A) Bharat Earth Movers Limited  
(B) Bharat Dynamics Limited  
(C) Hindustan Aeronautics Limited  
(D) Bharat Electronics Limited
20. The French Revolution gave its modern meaning to the term  
(A) Nation  
(B) Sovereignty  
(C) Republic  
(D) Capitalism



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## ii) General Intelligence and Reasoning Ability

21. Complete the series :  
11, 12, 17, 18, 23, 24, ...  
(A) 30  
(B) 35  
(C) 12  
(D) None of these
22. Supply the missing figure :  
3, 11, 8, 16, 13, \_\_\_\_\_, 18  
(A) 15  
(B) 17  
(C) 14  
(D) 21
23. Usha is twice as old as Rita. Three years ago she was three times as old as Rita. How old is Usha now ?  
(A) 7 years  
(B) 9 years  
(C) 6 years  
(D) 12 years
24. If a year starts and ends with Monday, then how many Mondays are there in that year ?  
(A) 52  
(B) 53  
(C) 51  
(D) 50
25. If HKUJ means FISH, what does UVCD mean ?  
(A) STAR  
(B) STAK  
(C) STAL  
(D) STAB
26. The Twenty-First Century will start on January 1 in the year  
(A) 2001  
(B) 2000  
(C) 2101  
(D) 2011
27. In a certain system of coding, the word STATEMENT is written as TNEMETATS. In the same system of coding, what should be the code for POLITICAL ?  
(A) OPILITACL  
(B) LCATILIOP  
(C) LCATPOIL  
(D) LACITLOP
28. Find the number which is wrong in the series.  
(A) 143  
(B) 165  
(C) 186  
(D) 209
29. Four of the following numbers are alike in some way. Which one is not ?  
10, 29, 21, 23, 13  
(A) 23  
(B) 13  
(C) 21  
(D) 29
30. If 'JOEJB' means 'INDIA' then 'BSNZ' means  
(A) BASF  
(B) ARMY  
(C) KARL  
(D) KTOA



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31. If 'APPEAR' is coded as 'PAEPRA' 'PROVIDENCE' can be coded as  
(A) PORIVEDCNE  
(B) RPOVPINECE  
(C) RPVODINEEC  
(D) EORIVEDCEP
32. 36 is to 4 as 9 is to  
(A) 27  
(B) 1  
(C) 5  
(D) 18
33. Insert the missing letter :  
A, D, G, J, \_\_\_\_  
(A) M  
(B) K  
(C) L  
(D) F
34. Find the wrong number in the series :  
1, 2, 5, 10, 17, 28  
(A) 2  
(B) 10  
(C) 28  
(D) 1
35. Choose the correct alternative from the given ones that will complete the series.  
AD, EH, IL, \_\_\_\_, QT  
(A) MP  
(B) LN  
(C) MN  
(D) CT
36. Sun, Earth, Mars  
(A) Stars  
(B) Moon  
(C) Solar System  
(D) Sky
37. Gazelle is to Swift as Swan is to  
(A) Slow  
(B) Water  
(C) Egg  
(D) Graceful
38. Today is Saturday. What day of the week will be after 27 days ?  
(A) Monday  
(B) Friday  
(C) Wednesday  
(D) Saturday
39. Woodman : Axe ::  
(A) Draftsman : Ruler  
(B) Painter : Brush  
(C) Carpenter : Saw  
(D) Soldier : Gun
40. Cobra is to Snake as Crocodile is to  
(A) Marsh  
(B) River  
(C) Carnivore  
(D) Reptile





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## iii) Arithmetical and Numerical Ability

41.  $(24 \div x) = (4 \div 5)$  implies that x equals to  
(A) 30  
(B) 20  
(C) 48  
(D) 96
42.  $(5 \div 13) = (x \div 78)$  implies that x equals to  
(A) 30  
(B) 18  
(C) 60  
(D) 5
43. 30 is 20% of  
(A) 6  
(B) 150  
(C) 240  
(D) 180
44.  $\sqrt{49} \div \sqrt{0.49} =$   
(A) 1  
(B) 10  
(C) 100  
(D) 122
45.  $0.08 \times 8 \times 3.5 + 7.1 =$   
(A) 6.784  
(B) 12.612  
(C) 14.317  
(D) 9.34
46.  $\sqrt{(12321)} = ?$   
(A) 221  
(B) 211  
(C) 121  
(D) 111
47. How many arrangements of three types of flowers are there if there are 6 types to choose from?  
(A) 18  
(B) 729  
(C) 216  
(D) 120
48.  $8 \div \sqrt{(625)} \times 50 \div \sqrt{(256)} = ?$   
(A) 0  
(B) 1  
(C) 2  
(D) 40
49.  $(625)^2 - (375)^2 = ?$   
(A) 25000  
(B) 2500  
(C) 250  
(D) 250000
50. The area of a rhombus is  $144 \text{ cm}^2$ . One of its diagonal is twice the other. The length of the shorter diagonal is  
(A) 24  
(B) 12  
(C) 36  
(D) 48
51. The sum of a two digit number and its reverse is equal to 99. How many such two digit numbers are there?  
(A) 10  
(B) 9  
(C) 6  
(D) 8



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52. Ajith writes first 100 whole numbers. How many times does he write zero ?  
(A) 10  
(B) 9  
(C) 11  
(D) 12
53. The average of five consecutive odd numbers is 61. What is the difference between the highest and the lowest number ?  
(A) 2  
(B) 8  
(C) 5  
(D) 7
54. 280 oranges are divided among 50 girls and boys so that each boy gets 5 oranges and each girl gets 7 oranges. How many boys are there ?  
(A) 35  
(B) 15  
(C) 30  
(D) 25
55. On the last day of college, students exchanged autographs. A total of 870 autographs were exchanged. How many students were there in the college ?  
(A) 40  
(B) 30  
(C) 48  
(D) 50
56.  $9278 - ? = 5318$   
(A) 2580  
(B) 3160  
(C) 3960  
(D) 2960
57. Three consecutive positive even numbers are such that thrice the first number exceeds double the third by 2. What is the third number ?  
(A) 6  
(B) 8  
(C) 12  
(D) 14
58.  $7416 \div 18 = ?$   
(A) 124  
(B) 412  
(C) 402  
(D) 214
59.  $405 + 307 \times 4 = ?$   
(A) 1603  
(B) 1633  
(C) 1630  
(D) 2848
60.  $3207 - 976 - 1781 = ?$   
(A) 2241  
(B) 4012  
(C) 442  
(D) 450



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## iv) Test of Language : Hindi

भाषा परीक्षण : हिन्दी

61. ऊँटों का

- (A) छत्ता
- (B) काफ़िला
- (C) झुण्ड
- (D) जत्था

62. व्यापारियों की

- (A) मण्डली
- (B) पंक्ति
- (C) श्रेणी
- (D) सेना

63. बेमेल शब्द को निकाल दें।

- (A) वसन
- (B) वस्त्र
- (C) दुकूल
- (D) सुई

64. कबूतर \_\_\_\_\_ करता है।

- (A) टरिया
- (B) गर्जन
- (C) चिंघाड़
- (D) गुटर-गू

65. चूहा \_\_\_\_\_ है।

- (A) धुधु आता
- (B) मिमियाता
- (C) किकियाता
- (D) चिचियाता

66. तारे \_\_\_\_\_ हैं।

- (A) डमगाते
- (B) खड़खड़ाते
- (C) पटपटाते
- (D) जगमगाते





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A

67. अर्धरात्रि के लिए सही शब्द है
- (A) निशित  
(B) निशीथ  
(C) निश्चित  
(D) निशांत
68. 'उदाहरण' के लिए सही शब्द है
- (A) दृष्टान्त  
(B) द्रष्टान्त  
(C) दृष्टान्त  
(D) दृष्टान्थ
69. शुक्ल का अर्थ है
- (A) गुरु  
(B) फीस  
(C) आचार्य  
(D) सफ़ेद
70. इलायची का तत्सम शब्द है
- (A) एला  
(B) इला  
(C) अला  
(D) अल्ला
71. प्रस्तर का तद्भव शब्द है
- (A) पाथर  
(B) पत्थर  
(C) पत्तर  
(D) फत्थर
72. हिन्दी में प्रयुक्त 'तुरूप' शब्द \_\_\_\_\_ है।
- (A) अंग्रेजी  
(B) डच  
(C) रूसी  
(D) फ्रेंच
73. तीन नित्य पदार्थ हैं
- (A) विद्या, दान, यज्ञ  
(B) वात, पित्त, कफ  
(C) जीव, ब्रह्म, प्रकृति  
(D) जलचर, नभचर, थलचर
74. निम्नलिखित में से एक शब्द अमृत के अर्थ में नहीं है।
- (A) अमिय  
(B) पीयूष  
(C) क्षुधा  
(D) सुधा

A\*



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75. 'घर' के लिए यह पर्यायवाची नहीं है।

- (A) गृह
- (B) ग्रह
- (C) आलय
- (D) निलय

76. जो कम बोलता हो

- (A) अल्पभाषी
- (B) मितव्ययी
- (C) प्रत्युत्पन्नमति
- (D) वाचाल

77. किसी के उपकार की उपेक्षा करनेवाला

- (A) कृतज्ञ
- (B) कृतघ्न
- (C) अजातशत्रु
- (D) दूरदर्शी

78. सूक्ष्म शब्द का विपरीतार्थक शब्द है

- (A) असूक्ष्म
- (B) सूक्ष्महीन
- (C) स्थूल
- (D) अस्थूल

79. सुस्ती का विपरीतार्थक है

- (A) तंदुरुस्ती
- (B) चुस्ती
- (C) ताज़गी
- (D) सुस्तीविहीन

80. सही रूप है

- (A) लड़का ने आम खाया।
- (B) लड़के ने आम खाया।
- (C) लड़का आम खाया।
- (D) लड़का आम खाये।



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## v) Test of Language : English

भाषा परीक्षण : अंग्रेजी

A

81. She played soft \_\_\_\_\_ sweet music.

- (A) studying
- (B) study
- (C) but
- (D) studied

82. \_\_\_\_\_ he is ill, he must take rest.

- (A) then
- (B) as long as
- (C) until
- (D) up to

83. I was old, \_\_\_\_\_ I did not get the job.

- (A) so
- (B) than
- (C) but
- (D) then

84. \_\_\_\_\_ I was walking along Gandhi street, I saw some lovely flowers in a shop window.

- (A) while
- (B) when
- (C) on
- (D) then

85. I shall not go to the party \_\_\_\_\_ they invite me.

- (A) when
- (B) on
- (C) then
- (D) unless

86. I couldn't buy a shoe \_\_\_\_\_ I didn't have enough money.

- (A) then
- (B) because
- (C) until
- (D) however

A\*





87. He will help me \_\_\_\_\_ I am in trouble.

- (A) then
- (B) on
- (C) where
- (D) when

88. You should not use a taxi \_\_\_\_\_ you are in hurry.

- (A) till
- (B) less
- (C) unless
- (D) for

89. I saw \_\_\_\_\_ thief opening the window.

- (A) an
- (B) at
- (C) a
- (D) on

90. Members regretted that \_\_\_\_\_ government had not given any relief fund.

- (A) the
- (B) a
- (C) an
- (D) for

91. A boat \_\_\_\_\_ down with all the passenger on board.

- (A) sunk
- (B) sinks
- (C) sank
- (D) sinking

92. The same song \_\_\_\_\_ for two times.

- (A) singing
- (B) sung
- (C) singed
- (D) sings

93. When I reached the station the train \_\_\_\_\_

- (A) leaves
- (B) had left
- (C) left
- (D) leave

94. Meena \_\_\_\_\_ to go with her friends.

- (A) wanted
- (B) wanting
- (C) wants
- (D) is wanted



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95. I \_\_\_\_\_ him very well.

- (A) known
- (B) knows
- (C) know
- (D) knowing

96. Pushpa talks a lot, doesn't she? yes, although there is no reason for \_\_\_\_\_

- (A) so much her talking
- (B) her so much talking
- (C) her talking so much
- (D) talking her so much

97. Why is Mohan so late? I do not know \_\_\_\_\_ be.

- (A) what can the reason
- (B) can what the reason
- (C) what the reason
- (D) what the reason can

98. Did he get a new shirt? yes, he bought \_\_\_\_\_ one.

- (A) himself
- (B) him
- (C) for himself
- (D) his

99. I \_\_\_\_\_ trouble with my bicycle these days.

- (A) have been experiencing
- (B) experience
- (C) had been experiencing
- (D) experienced

100. I \_\_\_\_\_ a lie if I ever said that I liked you.

- (A) was telling
- (B) have been telling
- (C) would have been telling
- (D) would have told

A

A\*

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**SECTION – B**  
**Post Specific Subject-Related Questions**

101. In your class you find that some student cannot understand a topic because of the wide gap in their previous knowledge. What would you do ?
- (A) Arrange extra classes to help them  
(B) Ask the parents to arrange help at home  
(C) Continue with your classes  
(D) Seek Principal's help
102. A group of young children have become inattentive in the class. Which of the following strategies is more appropriate to regain their attention ?
- (A) A brief physical activity  
(B) Suspending the class for that period  
(C) Asking children to be attentive  
(D) Sending the class out for games
103. Raj is extremely unwilling to share and prefers solitary activity. This indicates that he is
- (A) a popular child  
(B) a rejected child  
(C) a jealous child  
(D) a happy child
104. In which stage is the Physical growth is rapid ?
- (A) Early childhood  
(B) Infancy  
(C) Adolescence  
(D) School age
105. The psychologist who defined moral development
- (A) Pavlov  
(B) McDougall  
(C) Piaget  
(D) None of the above
106. The first teacher of a child is
- (A) Pre primary school teacher  
(B) Parents  
(C) Society  
(D) School teacher
107. A teacher should have
- (A) Knowledge of his subject  
(B) Knowledge of teaching methods  
(C) Knowledge of students  
(D) All the above



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108. Which of the following is a centre point of a lesson plan ?

- (A) Principal
- (B) Teacher
- (C) Student
- (D) None of the above

109. This is an instructional material for a teacher

- (A) Workbooks
- (B) Supplementary material
- (C) Atlas
- (D) Curriculum guides

110. Which of the following period is generally termed as "the period of conflicts" in one's developmental stage ?

- (A) Infancy
- (B) Childhood
- (C) Adolescence
- (D) Adulthood

111. What is the aim of group activity in classroom teaching ?

- (A) To reduce the workload of the teacher
- (B) To make most children participate in learning
- (C) To clarify the concepts effectively
- (D) To provide freedom to students

112. Which principle states that 'Best learning takes place when the teacher is successful in arousing the interest of a student' ?

- (A) Principle of motivation
- (B) Principle of stimulation
- (C) Principle of goal setting
- (D) Principle of association

113. Which of the following may be the LEAST APPROPRIATE activity to start a day in school ?

- (A) Quiz
- (B) Assemble
- (C) Giving homework
- (D) Physical training

114. Seven years old student is unable to read as per the class level. The teacher should

- (A) Give him reading exercise of a lower level
- (B) Inform the parents
- (C) Detain him in the same class
- (D) Try to find out the cause with expert help

115. Which of the following statements is not correct about development ?

- (A) Each phase of the development has hazards
- (B) Development is not aided by stimulation
- (C) Development is affected by cultural changes
- (D) Each phase of the development has characteristic behaviour



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116. Heredity is considered as a social structure.
- (A) Primary
  - (B) Secondary
  - (C) Dynamic
  - (D) Static
117. Which of the following development tasks is not appropriate to the late childhood ?
- (A) Learning physical skills necessary for ordinary games
  - (B) Achieving a masculine or feminine social role
  - (C) Achieving personal independence
  - (D) Learning to get along with age-mates
118. Which is the most unreliable predictor of the level of a child's educational achievement ?
- (A) Background of the parents
  - (B) Class behaviour
  - (C) Socio economic status
  - (D) Height and weight of child
119. Which of the following is not the characteristic of early childhood ?
- (A) Pre-gang age
  - (B) Imitative age
  - (C) Questioning age
  - (D) Play age
120. TLM should be used to
- (A) Make teaching more useful
  - (B) Make teaching impressive
  - (C) Provide concrete examples
  - (D) Facilitate learning
121. In evaluating the significance of the research problem, an important social consideration is
- (A) The genuine interest of the researcher in the problem
  - (B) Practical value of the findings to educationists, parents and social workers, etc.
  - (C) Necessary skills, abilities and background of knowledge of the researcher
  - (D) Possibility of obtaining reliable and valid data by the researchers
122. What is the aim of educational research ?
- (A) Identifying major problems that need to be solved
  - (B) Searching for the new facts and principles underlying the process of education
  - (C) Identifying the aims of education
  - (D) Identifying the values that need to be inculcated in the pupils



123. Projective technique is used for measuring
- (A) Individual's need for self-actualization
  - (B) Individual's inventoried interests
  - (C) Individual's dominant feelings, emotions, conflicts, needs which are, generally, repressed by the individual and are stored up in the unconscious mind
  - (D) Individual's value-system
124. What is the meaning of Data ?
- (A) Facts
  - (B) Truths
  - (C) Observation
  - (D) Marks obtained
125. Which of the following does not belong to the group of the other three ?
- (A) Logical validity
  - (B) Construct validity
  - (C) Sampling validity
  - (D) Curricular validity
126. Which techniques are most used in Educational Research ?
- (A) Questionnaire
  - (B) Interview
  - (C) Observation
  - (D) Sociometry
127. What does Descriptive Research include according to Van Dalen ?
- (A) Survey studies
  - (B) Inter-relationship studies
  - (C) Developmental studies
  - (D) All of these
128. To which are the concepts of internal external criticisms associated ?
- (A) Validity of experimental designs of research
  - (B) Descriptive research
  - (C) Historical research
  - (D) Literary research
129. Which of the following is not an advantage of non-parametric statistical tests ?
- (A) They can be used when data are in the forms of ranks or categories
  - (B) They can be used in situations where parametric tests are applicable
  - (C) They yield statements of exact probabilities irrespective of the shape of the population distribution
  - (D) They are less powerful than the parametric tests





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130. What type of statistical data are used in educational research ?  
(A) Descriptive statistical analysis  
(B) Inferential statistical analysis  
(C) Both of them  
(D) None of these
131. When the questions are presented to the respondents in a face-to-face situation, and the interviewer rather than the subjects, fills out the query, it is called  
(A) An Inventory  
(B) A Questionnaire  
(C) A Schedule  
(D) A Test
132. An assessment is \_\_\_\_\_ if it consistently achieves the same results with the same students.  
(A) Valid  
(B) Invalid  
(C) Reliable  
(D) Unreliable
133. A/An \_\_\_\_\_ assessment is one which measures what it is intended to measure.  
(A) Valid  
(B) Invalid  
(C) Reliable  
(D) Unreliable
134. The use of technology to enhance learning process is called \_\_\_\_\_ in education.  
(A) IT  
(B) ICT  
(C) Information technology  
(D) Communication technology
135. Which philosopher gave the idea that education should be based on the principles of human development ?  
(A) Dewey  
(B) Watson  
(C) Rousseau  
(D) Thorndike
136. Who introduced the theory of empiricism ?  
(A) D. J. O'Connor  
(B) John Dewey  
(C) William James  
(D) John Locke
137. Who gave the Totality Conscious Ideas ?  
(A) Jean Piaget  
(B) Herbert Spencer  
(C) Hill Gard  
(D) Woodworth



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138. Which educator presents "Law of Readiness, Law of Exercise and Law of Effect" ?
- (A) Hill Gard
  - (B) Thorndike
  - (C) Spencer
  - (D) Rousseau
139. Who said that "These situations are mental evolutions that are aspects of conflict and anxiety" ?
- (A) Hill Gard
  - (B) Watson
  - (C) Jean Piaget
  - (D) Ralph Tyler
140. Formal education or school training represent
- (A) Learner programs of study
  - (B) Planned programs of study
  - (C) Collective programs of study
  - (D) Basic programs of study
141. At the end of 19<sup>th</sup> century, which philosopher formulated laws of learning as a result of his experiments with animals ?
- (A) Hill Gard
  - (B) Watson
  - (C) Edward Thorndike
  - (D) John Dewey
142. Successful educational practices evolve from the application of \_\_\_\_\_ methods.
- (A) Analog
  - (B) Scientific
  - (C) Virtual
  - (D) Technical
143. By Genetic method of studying human development can be utilized
- (A) Horizontal
  - (B) Vertical
  - (C) Both horizontal and vertical
  - (D) None of these
144. Teacher are closely associated with the \_\_\_\_\_ process.
- (A) Study
  - (B) Learning
  - (C) Evaluation
  - (D) Observing
145. The teacher can provide the kind of stimulation to enable the child to become \_\_\_\_\_ learner.
- (A) Quality
  - (B) Social
  - (C) Interesting
  - (D) Active

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146. Children should be given an opportunity to \_\_\_\_\_ the democratic way of life in school.
- (A) Learn  
(B) Experience  
(C) Understand  
(D) Knowing
147. In 1974 University Grants Commission was established in \_\_\_\_\_
- (A) Peshawar  
(B) Karachi  
(C) Lahore  
(D) Islamabad
148. The University Grants Commission has started training programme for teachers of \_\_\_\_\_
- (A) Degree Colleges  
(B) Universities  
(C) Both Degree Colleges and Universities  
(D) Schools
149. In the organization of the school the basic determining factor is the \_\_\_\_\_ of the school.
- (A) Curriculum  
(B) Management  
(C) Social life  
(D) Trainers
150. At the time of partition in 1947, there were \_\_\_\_\_ colleges in working.
- (A) 40  
(B) 45  
(C) 50  
(D) 55
151. At the time of partition in 1947, there were \_\_\_\_\_ universities in working.
- (A) 5  
(B) 4  
(C) 3  
(D) 2
152. President of Pakistan is the \_\_\_\_\_ in case of Federal Universities.
- (A) Administrator  
(B) Chancellor  
(C) Rector  
(D) Incharge
153. A successful practice is the real test of \_\_\_\_\_ achievement.
- (A) Teacher  
(B) Principal  
(C) Learning  
(D) Evaluation





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154. It is openly observed that \_\_\_\_\_ involves much more than measurement.
- (A) Government  
(B) Environment  
(C) Learning  
(D) Evaluation
155. Motivation is the \_\_\_\_\_ purpose of evaluation.
- (A) Basic  
(B) Primary  
(C) Optional  
(D) Individual
156. Which city of Pakistan is called "City of Colleges" ?
- (A) Peshawar  
(B) Karachi  
(C) Lahore  
(D) Islamabad
157. Reciting of the national anthem made compulsory in high schools in \_\_\_\_\_
- (A) May, 09, 1957  
(B) June, 09, 1957  
(C) July, 09, 1957  
(D) August, 09, 1957
158. At the time of partition in 1947, there were \_\_\_\_\_ primary schools in working.
- (A) 8413  
(B) 9256  
(C) 7687  
(D) 6567
159. An attitude of fair-minded appreciation of its value can be obtained through a consideration of mental \_\_\_\_\_
- (A) Evaluation  
(B) Behavior  
(C) Measurement  
(D) Consideration
160. The first Binet-Simon test appeared with revisions in 1908 and \_\_\_\_\_
- (A) 1911  
(B) 1912  
(C) 1913  
(D) 1914
161. In America during World War I, the testing of the intelligence of individuals began in \_\_\_\_\_
- (A) Experience  
(B) As a whole  
(C) Combinations  
(D) Groups



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162. Article 45 under the Directive Principles of State Policy in the Indian Constitution, provides for
- (A) Rights of minorities to establish educational institutions
  - (B) Free and compulsory primary education
  - (C) Education for weaker sections of the country
  - (D) Giving financial assistance to less advanced states
163. The 1968 national policy teacher education adopted by the Indian Government laid stress on the following aspects of teacher's education
- (A) Adequate emoluments and academic freedom for teachers
  - (B) Travel allowance and family pensions for teachers
  - (C) In-service training and correspondence education for teachers
  - (D) Promotion and retirement facilities for teachers
164. Rama Krishna Mission was founded by
- (A) Swami Dayanand
  - (B) Swami Vivekanand
  - (C) Raja Ram Mohan Roy
  - (D) Guru Nanak Dev
165. Who formed Brahmo Samaj ?
- (A) Guru Nanak
  - (B) Kabir
  - (C) Ramanand
  - (D) Raja Ram Mohan Roy
166. Arya Samaj was founded by
- (A) Raja Ram Mohan Roy
  - (B) Swami Dayanand Saraswati
  - (C) Swami Satyanand
  - (D) Kabir
167. Intellectual aim in education was emphasised in
- (A) India
  - (B) Greek
  - (C) Sparta
  - (D) Athenian
168. What is not the reason underlying the importance of research in education ?
- (A) It is a tool for verifying, testing and validating knowledge
  - (B) It is a potent means of creating new knowledge
  - (C) It has moved to the centre of the behavioural sciences
  - (D) It provides answers to many problems faced by educators





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169. Mean deviation equals
- (A)  $1/3 s$
  - (B)  $4/5 s$
  - (C)  $1/5 Q.D.$
  - (D)  $5/6 Q.D.$
170. What can Statistics do ?
- (A) Prove anything
  - (B) Disprove anything
  - (C) Neither prove nor disprove anything-is just a tool
  - (D) None of these
171. What is the reliability of Primary data ?
- (A) Always more reliable compared to secondary data
  - (B) Less reliable compared to secondary data
  - (C) Depends on the care with which data have been collected
  - (D) Depends on the agency collecting the data
172. Which of the following are positional averages ?
- (A) Arithmetic mean
  - (B) Median
  - (C) Geometric mean
  - (D) Harmonic mean
173. Which of the following is the most unstable average ?
- (A) Median
  - (B) Arithmetic mean
  - (C) Mode
  - (D) Geometric mean
174. The average weight of a group of 25 boys was calculated to be 78.4 lbs. It was later discovered that the weight of one boy was misread as 69 lbs instead of 96 lb. The correct average is
- (A) 78.48
  - (B) 79.00
  - (C) 79.48
  - (D) 79.84
175. The mean age of 40 students is 16 years and the mean age of another group of 60 students is 20 years. The mean age of all the 100 students is
- (A) 16.8 years
  - (B) 18 years
  - (C) 18.4 years
  - (D) 18.8 years
176. The difference between a personality inventory and an intelligence test is
- (A) Of length
  - (B) Of style
  - (C) Of right and wrong answers
  - (D) Of foreign make





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177. When a researcher conducts an experiment he or she wants to be sure that any differences between the control and experiment groups are due to
- (A) The hypothesis
  - (B) The experimental manipulation
  - (C) Differences among the subjects
  - (D) The operational definition
178. By subtracting the lowest score from the highest score, researchers are able to determine the
- (A) Median score
  - (B) Mode
  - (C) Range of scores
  - (D) Standard deviations
179. Most of the beginners in research suffer from
- (A) Problem blindness
  - (B) Too many problems
  - (C) Lack of training to tend a problem
  - (D) None of these
180. A research hypothesis is generally converted into Null hypothesis.
- (A) It is safer
  - (B) It cannot be tested statistically
  - (C) It is a general statement
  - (D) It is a vague statement
181. At primary level, it is better to teach in mother language because
- (A) it develops self-confidence in children
  - (B) it makes learning easy
  - (C) it is helpful in intellectual development
  - (D) it helps children in learning in natural atmosphere
182. What is most important while writing on blackboard ?
- (A) Good writing
  - (B) Clarity in writing
  - (C) Writing in big letters
  - (D) Writing in small letters
183. It is advantage of giving home work that students
- (A) remain busy at home
  - (B) study at home
  - (C) may be checked for their progress
  - (D) may develop habit of self study
184. Deepawali fair is being organized in your school. What would you like to do ?
- (A) only to visit the fair
  - (B) to take part in function
  - (C) to take a shop to sell something
  - (D) to distribute free water to visitors



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185. If you are unable to get a job of teacher, then you will
- (A) start giving tuition at home
  - (B) remain at home till you get a job
  - (C) take some another job
  - (D) continue applying for teaching
186. 'National Council of Educational Research and Training' was established in
- (A) 1961
  - (B) 1962
  - (C) 1963
  - (D) 1964
187. To maintain interest among students in class, a teacher should
- (A) use blackboard
  - (B) discuss
  - (C) tell stories
  - (D) ask question
188. Which of the following skill do you consider most essential for a teacher ?
- (A) ability to help the children understand texts thoroughly
  - (B) ability to help children do all the exercises
  - (C) ability to raise possible actions from the texts
  - (D) ability to help children from their own opinions on the texts
189. What is most important for a teacher ?
- (A) to maintain discipline in class
  - (B) to be punctual in class
  - (C) to remove difficulties of students
  - (D) to be good orator
190. A teacher asks the questions in the class to
- (A) keep students busy
  - (B) maintain discipline
  - (C) attract student's attention
  - (D) teach
191. The most important indicator of quality of education in a school is
- (A) Infrastructural facilities of a school
  - (B) Classroom system
  - (C) Text-books and Teaching-learning material
  - (D) Student Achievement level
192. Which philosophy developed the monitorial system in classrooms ?
- (A) Vedic
  - (B) Vedant
  - (C) Islam
  - (D) Buddhism





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193. Which part of Indian Constitution allows every citizen to impart education as per ones own religion ?  
(A) Directive Principles  
(B) Concurrent list of Centre and the States  
(C) Democratic Rights  
(D) Fundamental Rights
194. Which of the following mobility is not related to modernization ?  
(A) Psychic mobility  
(B) Scientific mobility  
(C) Social mobility  
(D) Physical mobility
195. "Give me a dozen of healthy children I can make them Doctor, Judge, Beggar and even a Thief" – Comment made by  
(A) J. B. Watson  
(B) Hull  
(C) Jung  
(D) Guthrie
196. The IQ of a 25 years old boy, whose mental age 16 will be  
(A) 64  
(B) 75  
(C) 80  
(D) 100
197. If a group of children learns a lot of arithmetic skills by way of completing a project on 'Celebration of Deepawali festival'. This will be known as a kind of  
(A) Incidental learning  
(B) Formal learning  
(C) Informal learning  
(D) Non-formal learning
198. Which of the following is not a characteristic feature of research process ?  
(A) Empirical approach  
(B) Systematic endeavour  
(C) Uncontrolled conditions  
(D) Critical analysis
199. Which of the following is not correctly matched ?  
(A) Test-Retest : Stability  
(B) Split-Half : Internal consistency  
(C) KR-20 : Stability  
(D) Parallel Form : Equivalence
200. Which of the following is not a measure of dispersion ?  
(A) range  
(B) mode  
(C) mean deviation  
(D) standard deviation





# IMPORTANT INSTRUCTIONS TO CANDIDATES

## उम्मीदवारों के लिए महत्वपूर्ण अनुदेश

11. This booklet contains 48 pages.
12. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
13. **Directions :** Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken (●) appropriate circle A, B, C or D by Blue / Black Ball-Point Pen against the question concerned in the Answer-Sheet. **(For V.H. candidates corresponding circle will be blackened by the scribe)**
14. Mark your answer by shading the appropriate circle against each question. The circle should be shaded completely without leaving any space. The correct method of shading is given below.

Wrong Method	Wrong Method	Wrong Method	Correct Method
<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>

The Candidate must mark his/her response after careful consideration.

15. There is only one correct answer to each question. You should blacken (●) the circle of the appropriate column, viz., A, B, C or D. If you blacken (●) more than one circle against any one question, the answer will be treated as wrong. If you wish to cancel any answer, you should completely erase that black mark in the circle in the Answer-Sheet, and then blacken the circle of revised response.
16. A machine will read the coded information in the OMR Answer-Sheet. In case the information is incomplete/different from the information given in the application form, the candidature of such candidate will be treated as cancelled.
17. Use the space for rough work given in the Question Booklet only and not on the Answer-Sheet.
18. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer-Sheet only.**

11. इस पुस्तिका में 48 पेज हैं।
12. इस पुस्तिका के सभी पृष्ठों का ध्यानपूर्वक निरीक्षण करें। यदि कोई दोष है, तो निरीक्षक को उसे बदलने के लिए कहें।
13. **निर्देश :** प्रत्येक प्रश्न अथवा प्रत्येक अधूरे कथन के बाद चार उत्तर अथवा पूरा कथन सुझाये गये हैं। प्रत्येक दशा में आपको किसी एक को चुनना है जो प्रश्न का सही उत्तर दे अथवा कथन को पूरा करें और आपको उत्तर-पत्रिका में उपयुक्त गोलाकार खाने A, B, C या D को नीला या काला बॉल-पॉइंट पेन से काला (●) करना है। **(दृष्टिबाधित उम्मीदवारों के लिए संगत गोलाकार लिपिक द्वारा काला किया जाए)**
14. प्रत्येक प्रश्न के सामने उचित वृत्त का चिन्हांकन करके अपना उत्तर लिखें। वृत्त को बिना कोई स्थान छोड़े चिन्हांकित करें। चिन्हांकित करने का सही तरीका नीचे दिया गया है।

गलत तरीका	गलत तरीका	गलत तरीका	सही तरीका
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अभ्यर्थी को अपना उत्तर ध्यान पूर्वक सोच विचार के उपरान्त चिन्हित करना चाहिए।

15. प्रत्येक प्रश्न का केवल एक ही सही उत्तर है। आपको समुचित कॉलम अर्थात् A, B, C या D के गोलाकार खाने को काला (●) करना है। यदि आप किसी प्रश्न के सामने एक से अधिक गोलाकार खाने को भरेंगे (●) तो आपका उत्तर गलत माना जायेगा। यदि आप किसी उत्तर को रद्द करना चाहते हैं तो आप उत्तर-पुस्तिका के उस गोलाकार खाने से काले निशान को पूरी तरह से मिटा दें और तब बदले हुए उत्तर के लिए गोलाकार खाने को काला कर दें।
16. ओ.एम.आर. उत्तर-पत्रिका में भरी गई कूट सूचना को एक मशीन पढ़ेगी। यदि सूचना अपूर्ण है अथवा आवेदन पत्र में दी गई सूचना से भिन्न है, तो ऐसे अभ्यर्थी की अभ्यर्थिता निरस्त समझी जायेगी।
17. कच्चे कार्य के लिए केवल प्रश्न पत्र में दिए गये स्थान का प्रयोग करें। उत्तर-पुस्तिका पर कच्चा कार्य न करें।
18. इस पुस्तिका के अन्दर आपको उत्तर अंकित नहीं करने हैं। उत्तर केवल उत्तर-पत्रिका में ही दें।

Go through instructions given in Page No. 1 (Facing Page)