OBJECTIVE TYPE ONE-TIER EXAMINATION

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

1. This Booklet contains 200 questions in all comprising the following sections:

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2. All questions are compulsory and carry equal marks.

3. The paper carries negative markings. For each wrong answer 0.25 mark will be deducted.

4. In case of any discrepancy between the English and Hindi versions of any question, the English version will be treated as final/absolute.

5. 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.

6. 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.

7. Use of Calculator/Pen/tip/Laptop/Other Digital Instrument/Cell Phone/Paper is not allowed.

8. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.

9. 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.

10. No Rough Work is to be done on the Answer-Sheet.
SECTION - (A) (I) GENERAL AWARENESS

1. Which of the following remained as the president of India during the years 1967 and 1969?
   (A) Dr. Sarvepalli Radhakrishnan
   (B) Dr. Zakir Hussain
   (C) Dr. V. V. Giri
   (D) Dr. Fakhruddin Ali Ahmed

2. Which of the following is an outcome of the rotation of the earth?
   (A) Tides
   (B) Coriolis force
   (C) Gravitational force
   (D) Felips

3. The country which does NOT have international border with India, is:
   (A) Sri Lanka
   (B) Bhutan
   (C) Myanmar
   (D) Bangladesh

4. The river Brahmaputra is called in Tibet as:
   (A) Subansiri
   (B) Debang
   (C) Lohit
   (D) Tsangpo

5. Who does sign on the Indian currency note of rupee one?
   (A) Governor, Reserve Bank of India
   (B) Finance minister Govt. of India
   (C) Chairperson, planning commission, Govt. of India
   (D) Secretary, ministry of finance, Govt. of India

6. The maximum number of members is the lower House as envisaged by the constitution of India is:
   (A) 542
   (B) 530
   (C) 552
   (D) 545

7. In which states or Union Territories of the following a lieutenant governor is appointed by the president of India?
   (A) Arunachal Pradesh
   (B) Delhi
   (C) Nagaland
   (D) Manipur

8. Identify the mismatch of the following:
   (A) Kohima
   (B) Imphal
   (C) Aizawl
   (D) Tripura

9. Which of the following four states has highest geographical areas (as compared among the four only)?
   (A) Andhra Pradesh
   (B) Gujarat
   (C) Uttar Pradesh
   (D) Tamil Nadu

10. Which Indian state or Union Territory has third highest literacy rate as per census 2011?
    (A) Punjab
    (B) Uttar Pradesh
    (C) Mizoram
    (D) West Bengal

JDD-1/ASTP/X-13_A ]
11 The first International Earth Summit was held in -
(A) Brazil
(B) Canada
(C) Uruguay
(D) South Africa

12 Which of the following is a fossil fuel?
(A) Wood
(B) Wind
(C) Uranium
(D) None of the above

13 The name of the Chief Minister of Tamil Nadu state at present is -
(A) Karunanidhi
(B) J. Jayalalitha
(C) Chandrababu Naidu
(D) Jagdish Shettar

14 Which of the following Indian states has second highest number of representative members as member of parliament in the Lower House?
(A) West Bengal
(B) Bihar
(C) Andhra Pradesh
(D) Maharashtra

15 Which of the schedules of the Indian constitution is related with recognition of Indian languages?
(A) Seventh
(B) Eighth
(C) Fifth
(D) Sixth

16 The Indian state, where percentage proportion of Scheduled Tribes population is highest as per census 2011, is -
(A) Chhattisgarh
(B) Madhya Pradesh
(C) Meghalaya
(D) Mizoram

17 Who is the present chairperson of the National Commission for women, India?
(A) Girija Vyas
(B) Renuka Chaudhary
(C) Jayanti Natrajan
(D) Mamta Sharma

18 When did the Khanwa battle fought between the Mughals and the Rajputs take place?
(A) 1526
(B) 1527
(C) 1568
(D) 1519

19 The Dandi March by Gandhiji began on -
(A) 30th March, 1930
(B) 5th May, 1930
(C) 12th March, 1930
(D) 26th January, 1930

20 Who was the first Home Minister of India after independence?
(A) Sardar Vallabb Bhai Patel
(B) Lal Bahadur Shastri
(C) B. R. Ambedkar
(D) Maulana Abdul Kalam Azad
(ii) GENERAL INTELLIGENCE & REASONING ABILITY

Directions: In this following question, from the given alternatives select the word which cannot be formed by using the letters of the given word.

21. APPROPRIATE
   (A) PROPER
   (B) RAPPORT
   (C) PIRATE
   (D) APPROVE

22. If FLATTER is coded as 7238859 and MOTHER is coded as 468159, then how is MAMMOTH coded?
   (A) 4146481
   (B) 4346481
   (C) 4344681
   (D) 4344651

23. If 16 - 2 = 2, 9 - 3 = 0, 81 - 1 = 8, then what is 64 - 4?
   (A) 6
   (B) 8
   (C) 4
   (D) 2

24. If PEAR is written as GHDN, how is REAP written in this code?
   (A) DNGF
   (B) NDFG
   (C) FNGD
   (D) NFDG

25. If 54 - 43 = 2, 60 + 51 = 10, then 62 - 72 = ?
   (A) 20
   (B) 9
   (C) 30
   (D) 18

Directions: In these questions, select the related letters/word/number from the given alternatives.

26. Fire : Smoke : : ?
   (A) Moon : Sky
   (B) Shoe : Polish
   (C) Children : School
   (D) Cloud : Rain

27. Grenade : Gun : : ?
   (A) Man : Woman
   (B) Head : Brain
   (C) Sister : Brother
   (D) Father : Mother

28. TSH : IRQ : : QPK : ?
   (A) PWK
   (B) PON
   (C) LNO
   (D) LON

29. AEZ : FPY : BGX : ?
   (A) HTX
   (B) HYW
   (C) HWW
   (D) IYY

30. 8 : 12 : : 6 : ?
   (A) 5
   (B) 7
   (C) 8
   (D) 11

JDD-1/ASTP/X-13_A]
Directions: In these questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

31. DA, HE, LI, __, TN
   (A) PM
   (B) PK
   (C) PJ
   (D) PT

32. B, E, I, N, T, __
   (A) A
   (B) Z
   (C) X
   (D) Y

33. AZ, CX, EV, __
   (A) GS
   (B) GT
   (C) HT
   (D) HU

34. D9Y, J27S, P81M, V243G, __
   (A) B729A
   (B) A729B
   (C) A324B
   (D) C729B

35. YX, UTS, ONMI, __
   (A) IHGF
   (B) HGFED
   (C) FEDCB
   (D) GFEDC

36. What is the missing letter in this series?
    \( x \ ? \ p \ l \ h \)
    (A) r
    (B) s
    (C) q
    (D) t

37. What is the missing letter in this series?
    \( y \ e \ w \ g \ u \ i \ ? \)
    (A) s
    (B) t
    (C) r
    (D) k

38. What is the missing letter in this series?
    \( b \ e \ h \ k \ n \ ? \)
    (A) o
    (B) p
    (C) q
    (D) r

Directions: In these questions, select the related letters word/number from the given alternatives.

39. APPLE : 50 : : ORANGE : ?
    (A) 61
    (B) 63
    (C) 60
    (D) 69

40. Accommodation : Rent : : Journey : ?
    (A) Fare
    (B) Expense
    (C) Freight
    (D) Octroi

[Contd...]
41 The value of $a(b-c)+b(c-a)+c(a-b)$ is equal to:

(A) 0
(B) 1
(C) $a+b+c$
(D) $ab+bc+ca$

44 The value of $10^{27} + 10^{34}$ is:

(A) 10
(B) 100
(C) 1000
(D) 10000

45 $(8)^{-\frac{1}{3}}$ is equal to:

(A) 2
(B) $\frac{1}{2}$
(C) 3
(D) $\frac{1}{3}$

42 If $a = 4$, the value of $a + \sqrt{a}$ is equal to:

(A) 4
(B) 3
(C) 6
(D) 12

43 The value of $(8)^{\text{-(125)}}$ is:

(A) 36275
(B) 29100
(C) 21280
(D) 291000

46 The value of $(\sqrt{8})^3$ is:

(A) $\sqrt[8]{8 \times 8 \times 8}$
(B) $8^{2 \times 3}$
(C) $8^{3/3}$
(D) $8^{1/3}$
47. The value \(0.5 + 0.05 + 5 = ?\)
   (A) 5.505
   (B) 5.055
   (C) 0.555
   (D) 5.550

48. If \(700x = 525\), then \(x\) is:
   (A) \(\frac{1}{4}\)
   (B) \(\frac{2}{4}\)
   (C) \(\frac{2}{3}\)
   (D) \(\frac{3}{4}\)

49. Deepika obtained 285 marks out of a maximum of 500 marks. Percentage marks of Deepika is:
   (A) 27%
   (B) 57%
   (C) 75%
   (D) 25%

50. Which of the following is smallest?
   (A) \(\frac{7}{9}\)
   (B) \(\frac{7}{10}\)
   (C) \(\frac{7}{11}\)
   (D) \(\frac{7}{12}\)

51. Which of the following number is not a perfect square?
   (A) 36
   (B) 132
   (C) 121
   (D) 100

52. A 12.5% discount on marked price of Rs. 120 is equal to (in Rs.)
   (A) 15
   (B) 17.5
   (C) 20
   (D) 25
53. The sum of two numbers is 10 and their difference is 6. Then the numbers are:
   (A) (8, 2)
   (B) (9, 1)
   (C) (6, 4)
   (D) (7, 3)

54. 250 is divided into two parts in proportion of 2 : 3. Then the second part is:
   (A) 100
   (B) 125
   (C) 150
   (D) 175

55. If \( x \) is divisible only by 3 and \( y \) is divisible only by 5 then \( xy \) is divisible by:
   (A) Only 3
   (B) Only 5
   (C) Only 3 and 5
   (D) 3, 5 and 15

57. The value of \( \sin 0^\circ \) is:
   (A) 0
   (B) \( \frac{\sqrt{2}}{2} \)
   (C) \( \frac{1}{2} \)
   (D) 1

58. The numbers of stones of size 20 c.m. x 30 c.m. required to cover a square field of 3 meter side, are:
   (A) 75
   (B) 100
   (C) 125
   (D) 150

59. 1 liter is equal to:
   (A) 100 c.m.\(^2\)
   (B) 1000 c.m.\(^3\)
   (C) 100 m\(^2\)
   (D) 1000 m\(^3\)

60. In the given sequence find the missing number 2, 3, 5, ......., 11, 13
   (A) 7
   (B) 9
   (C) 10
   (D) 6
61 'स्वागत' शब्द का सही संधि-विचित्रित प्रयोग निम्नित्तः
(A) स्व + अलाव
(B) सू + वापस
(C) स्व + गत
(D) ए + आगर

62 हिंदी शब्दों के अनुसार संतान, सदी, सबल, सच्च, स्वयं शब्दों का सही क्रम है
(A) संतान, सदी, सच्च, स्वयं
(B) संतान, स्वयं, सच्च, सदी
(C) सच्च, संतान, सदी, स्वयं
(D) सदी, सच्च, संतान, स्वयं

63 कितने समय में पूरा पत्र प्राप्त होता है?
(A) क्रेड
(B) तालुक्त
(C) गुजवीत
(D) हिँदी

64 'पिठों के नीचे हैं जाँच दिए गए' शब्द में कितने प्रयोग
(A) पुर्ववाहिक क्रिया
(B) प्रेरणाधारित क्रिया
(C) संयुक्त क्रिया
(D) नामशेष क्रिया

65 'जिसकी उपयोग न दी जा सके' वाक्यांश के लिए उपयुक्त शब्द है
(A) अनुपम
(B) अपूर्व
(C) अपूर्व
(D) अपर

66 'समुझ' शब्द का पर्यायकर्तव्य समुझ पहचानिए:
(A) व्या, उद्घा, दीपु, सिधु, लवला
(B) नवी, चिन्ता, भास्पात, सर्वथ, जलधि
(C) उद्धि, जलधि, नवी, चिन्ता, पारा वार
(D) चिन्ता, पारा वार, जलधि, बामिनी, बिंदिया

67 'प्रिय' विशेषण के साथ प्रयुक्त होने वाली संधि नहीं है इसके लिए:
(A) प्रियतम
(B) किस
(C) मित्र
(D) बैरी

68 निम्नलिखित शब्दों में से किस शब्द में सवर्णमा का अनुकूल प्रयोग हुआ है?
(A) चर सवर्ण यहीं नहीं आया चर्चा
(B) आयक की आयक पर में दिशाक जा रहा हूँ
(C) के तरे की एक हड़ी दूरी
(D) मुझे इस बैठक की सूजना नहीं थी

69 कितने कारण में सवर्णमा शब्दों का प्रयोग नहीं होता है?
(A) कर्म कारण में
(B) संबंधित कारण में
(C) संप्रभाव कारण में
(D) अपराध कारण में

70 निम्नलिखित शब्दों में से कोन से कितना अनुकूल नहीं है?
(A) फड़फका
(B) भिन्नाना
(C) निर्मलता
(D) हिँदी-विहार

71 निम्नलिखित में प्रेरणाधारित क्रिया का उदाहरण है?
(A) यह खाता है।
(B) मोहन घर गए।
(C) गाय चरता है।
(D) अधारक झांक से पाठ पढ़ता है।

72 'तुमने मुझे पुलक दी' और 'तुमने पुलक दी' शब्दों में कितने क्रियाओं का गुण है?
(A) दिल्लक और सक्रिय
(B) सक्रिय और प्रेरणाधारित
(C) प्रेरणाधारित और अक्रिय
(D) अक्रिय और सक्रिय

[Contd...
73 जो अवयव शब्द दो पदों, पदबदों या उपभाषिकों
को जोड़ने का कार्य करते हैं, उनको कहा गया है:
(A) क्रिया-विशेषण
(B) समूच्य बोधक
(C) साधन बोधक
d) बिस्मादि बोधक

74 दो शब्दों के परार में से बने तीसरे शब्द
को कहते हैं –
(A) समास (B) संधि
(C) व्याकरण (D) विकार

75 'धपल' शब्द का उचित विलोम चुनिए,
(A) महत (B) गंभीर
c) स्थायर (D) अचाल

निर्देश : निम्नलिखित अनुशंकों को ध्यान से पढ़ें और
ers पर पूछे गए प्रश्नों के उत्तर लिखें। प्रत्येक प्रश्न के
लिए चार सम्भवित उत्तर हैं जिन्हें A, B, C और D क्रम
दिया गया है। इनमें से केवल एक उत्तर ही सही है। अप
सी हल लिखिए।

अनुशंका
कॉर्सेट राष्ट्रीय उद्यान दिल्ली के निकट स्थित है। यह
हिमालय की निस्सली भूभित्यों में राखाया गया की पार्क में
है। दिल्ली वासी सड़क मार्ग से बही सरलता से यहाँ पहुँच
सकते हैं। वे कुछ रात रहे मैदानी से और शहर की सड़क
मार्ग से भी तय कर सकते हैं।
kॉर्सेट राष्ट्रीय उद्यान का निर्माण 1936 में हुआ था।
यह भारत का पहला राष्ट्रीय उद्यान था, अप्रैल, 1973
में धिकारियों से बायो की रचना के लिये 'बायो परियोजना'
का उद्देश्य इसी उद्यान में किया गया।
बायो के अतिरिक्त कॉर्सेट राष्ट्रीय उद्यान में अन्य
अनेक पद्धतियों में रहते हैं। बायो, मोलडी, लकड़ियाँ, फल, जंगलशाखा, बाल मार्ग भी यहाँ रहते हैं। इन
पद्धतियों
के अतिरिक्त लोप, जैसे - भारतीय अन्न, केवल और
ग्रीष्मकालीन भी हैं।

76 विकल्पों के लिए कॉर्सेट राष्ट्रीय उद्यान पहुँचना
आसान क्यों है?
(A) वे बायो से यहाँ पहुँच सकते हैं
(B) वे मार्ग से यहाँ जा सकते हैं
(C) वे केवल सेवा से यहाँ जा सकते हैं
(D) यहाँ निराकर होने के कारण वे आसानी से
यहाँ जा सकते हैं।

77 अप्रैल, 1973 में कॉर्सेट राष्ट्रीय उद्यान से कथा
प्रारम्भ किया गया?
(A) बायो परियोजना
(B) पहले राष्ट्रीय उद्यान
(C) हायो की संगीती
(D) रूबो उद्यान

78 कॉर्सेट राष्ट्रीय उद्यान में बायो के अलावा और
कौन सा पशु देखा जा सकता है?
(A) लिङ्ग (B) झुड़ा
c) लकड़ियाँ (D) चूहे

79 'प्राकृति' शब्द का क्या अर्थ है?
(A) विशेष (B) विविधता
(c) किस्म (D) पृथु

80 हायों पर सवारी करके हवा करना कथा सुरक्षित
है?
(A) बायो को हायो परस्त्व नहीं
(B) हायो बायो से नहीं करते
(c) लोगों को हायो परस्त्व होते हैं
(D) हायों को कॉर्सेट उद्यान लगते हैं।

JDD-I/ASTP/X-13_A] 19  [Contd...
Directions:
The following sentences are divided into four parts. One part in each sentence is wrong. You have to find it.

81. This / is / an great / idea.
   (A) / (B) / (C) / (D)

82. I / have saw / the / circus.
   (A) / (B) / (C) / (D)

83. Raja / love / his / mother.
   (A) / (B) / (C) / (D)

Directions:
Select the suitable word to fill in the following sentences.

84. I poured the milk ______ the glass.
   (A) in
   (B) with
   (C) into
   (D) to

85. I met her ______ the junction.
   (A) on
   (B) by
   (C) at
   (D) below

86. I tasted ______ icecream today.
   (A) the
   (B) a
   (C) an
   (D) or

Directions:
Complete the following sentences by selecting the best alternatives.

87. I thought I should
   (A) my experience share with you.
   (B) experience you with share my.
   (C) share my experience with you.
   (D) share you experience with me.

88. I am planning a holiday
   (A) for ten in Shimla days.
   (B) in days for ten Shimla.
   (C) in Shimla for ten days.
   (D) in Shimla for days ten.

Directions:
Given below are four sentences marked as 1 2 3 4. Find the correct order of these sentences to make a paragraph.

89. 1. If he is hurt.
    2. He carries his house with him.
    3. Tortoise is a strange animal.
    4. He draws his head into his house.
    
    The correct order will be
    (A) 1 2 3 4
    (B) 2 1 3 4
    (C) 3 2 1 4
    (D) 4 3 1 2

90. 1. It entertains us and gives us pleasure.
    2. Without it life is incomplete.
    3. Music is an art.
    4. It is part of everybody's life.
    
    The correct order will be
    (A) 3 2 1 4
    (B) 3 1 2 4
    (C) 1 2 3 4
    (D) 4 3 2 1
Directions: Which of the following words is correctly spelled?

91. (A) Communication
(B) Communication
(C) Communication
(D) Communication

92. (A) bussiness
(B) business
(C) busyness
(D) businness

Directions: In the following questions choose the word which has similar meaning to the word in CAPITAL.

93. INFRINGE
(A) discuss
(B) transpire
(C) violate
(D) none of the above

94. CONTIGUOUS
(A) incorrigible
(B) laminated
(C) touching
(D) none of the above

95. CLOSED
(A) clear
(B) shut
(C) finished
(D) none of the above

Directions:
Read the following passage carefully and answer the questions that follow. For each question four probable answers bearing numbers A, B, C and D are given. Only one out of these is correct. You have to choose the correct answer.

PASSAGE

There was a narrow rope-bridge across a deep river. The bridge was so narrow that only one person could cross it at a time. It also shook a great deal because it was made from ropes. The bridge was high above the river. One day a goat was crossing the rope-bridge. From the other side, another goat decided to cross the bridge at the same time. The two goats met in the middle of the bridge.

The goats tried to walk past each other but the bridge was too narrow. Both the goats could not cross at the same time. They tried to push and squeeze their way past each other but the bridge began to shake and swing in a dangerous way. A wrong step or a hard push could easily make them fall into the river.

The two goats realised the danger they were in. They stopped pushing each other. Then one goat knelt down while the other climbed over its back. The goats thus were able to get past each other and they both reached the other end safely.

96. What happened when the goats began pushing each other?
(A) the bridge began to shake
(B) the ropes broke
(C) the goat fell into the river
(D) the goats went back

97. What lay below the narrow bridge?
(A) a village (B) a field
(C) a deep river (D) a garden

98. Why did the goats stop pushing each other?
(A) they knew there was danger
(B) they were tired
(C) they liked each other
(D) one goat was hurt

99. The word 'squeeze' means
(A) to hit
(B) to press against each other
(C) dangerous
(D) cross

100. The bridge was made of
(A) wire (B) wood
(C) rope (D) brick
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>In a child, process of concept formation begins when he is: (A) able to differentiate between stimulus (B) possesses good knowledge of language (C) completing 5 years of his age (D) All of the above</td>
<td></td>
</tr>
<tr>
<td>The inappropriate method of motivation is: (A) Punishment (B) Praise and Blame (C) Knowledge of Progress (D) Competition</td>
<td></td>
</tr>
<tr>
<td>Which of the following pairs is not correctly matched? (A) Identical Element Theory – Thorndike (B) Theory of Generalization – C. H. Judd (C) Theory of Formal Discipline – Kohler (D) Theory of Specific and General Elements – Spearman</td>
<td></td>
</tr>
<tr>
<td>When previous learning makes learning easier in new situation, it is called: (A) Positive transfer of learning (B) Absolute transfer of learning (C) Negative transfer of learning (D) Zero transfer of learning</td>
<td></td>
</tr>
<tr>
<td>The method of personality measurement, which is used to study the individual's unconscious mind, is: (A) Objective Method (B) Subjective Method (C) Projective Method (D) Psychoanalytic Method</td>
<td></td>
</tr>
<tr>
<td>In which stage of child development, Oedipus and Electra complexes begin to develop? (A) Infancy stage (B) Childhood stage (C) Adolescence stage (D) Adulthood stage</td>
<td></td>
</tr>
<tr>
<td>Which of the following statements not represent the characteristic of Growth? (A) It's a quantitative aspect. (B) It's not measurable. (C) It's not life-long process. (D) It denotes only physical development.</td>
<td></td>
</tr>
<tr>
<td>&quot;Intelligence is rational thinking.&quot; This definition of intelligence is given by: (A) Stern (B) Terman (C) Spearman (D) Binet</td>
<td></td>
</tr>
</tbody>
</table>
109 A child of class Eight scored poor marks in Maths, and for this blaming his teachers and examiner. In this, defence mechanism used by child would be -

(A) Projection
(B) Rationalization
(C) Compensation
(D) Repression

110 Education of Handicraft should be given to -

(A) Gifted child
(B) Creative child
(C) Backward child
(D) Delinquent child

111 The formula to calculate Intelligence Quotient (I.Q) is -

(A) \[ I.Q = \frac{Chronological age}{Mental age} \times 100 \]

(B) \[ I.Q = \frac{Chronological age}{Educational age} \times 100 \]

(C) \[ I.Q = \frac{Mental age}{Chronological age} \times 100 \]

(D) \[ I.Q = \frac{Mental age}{Educational age} \times 100 \]

112 Vipin is a day-dreamer, having interest in reading books, not able to express his views before others, non-friendly and idealistic boy. Then, the type of personality he has -

(A) Extrovert
(B) Introvert
(C) Ambivert
(D) Athletic

113 "Educational Psychology is a systematic study of educational growth". This definition of educational psychology is given by -

(A) Skinner
(B) C. V. Good
(C) J. M. Stephen
(D) C. H. Judd

114 If a child's chronological age is 12 years, and he can take the intelligence test meant for 15 years old child, then his I.Q. will be -

(A) 150
(B) 100
(C) 125
(D) 120

115 The stage of cognitive development, according to Piaget, in which a child displays 'object performance' is -

(A) Formal operational stage
(B) Sensorimotor stage
(C) Pre-operational stage
(D) Concrete operational stage
116 Which of the following is not a associative theory of learning?
   (A) Classical conditioning theory
   (B) Gestalt theory
   (C) Stimulus-Response theory
   (D) Operant Conditioning theory

117 Hunger, thirst, need for security all are
   motives.
   (A) Artificial
   (B) Acquired
   (C) Social
   (D) Natural

118 In questionnaire method of personality
   measurement, when answers of the
   questions are given in the form of Yes
   or No, then the type of questionnaire
   would be–
   (A) Closed Questionnaire
   (B) Open Questionnaire
   (C) Mixed Questionnaire
   (D) Pictorial Questionnaire

119 When previous learning creates barrier in
   learning in new situation, then it is
   called–
   (A) Positive transfer of learning
   (B) Negative transfer of learning
   (C) Zero transfer of learning
   (D) Horizontal transfer of learning

120 Which one of the following is not the projective
   method of personality measurement?
   (A) Rorschach Ink Blot Test
   (B) Word Association Test
   (C) Observation
   (D) Sentence Completion Test

121 In which stage of child development, child shows
   maximum attraction towards opposite sex?
   (A) Infancy stage
   (B) Childhood stage
   (C) Adolescence stage
   (D) Adulthood stage

122 Which of the following is not the principle
   of Development?
   (A) Principle of specific to general
   activities
   (B) Principle of Continuity
   (C) Principle of Variation
   (D) Principle of Integration

123 Which of the following is not the symptom of Maladjustment?
   (A) Quarrelling with peers
   (B) Nail biting
   (C) Emotionally mature
   (D) Stammering

124 Which of the following is a characteristic
   of a gifted child?
   (A) Fall far behind than other children of his age.
   (B) Possess low I.Q.
   (C) Fast decision making power and confident.
   (D) Unable to interact with others.

125 The concept of Mental age was introduced
   for the first time in –
   (A) Bine-Simon Scale – 1905
   (B) Bine-Simon Scale – 1908
   (C) Bine-Simon Scale – 1911
   (D) Bine-Simon Scale – 1916

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126 According to Kretschmer, the characteristics of an individual of Pyknic type of personality –
(A) Sociable, introvert and shy
(B) Sociable, extrovert and shy
(C) Sociable, extrovert and friendly
(D) Sociable, introvert and friendly

127 According to Piaget's cognitive theory of learning, the process by which the cognitive structure is modified is called–
(A) Accommodation
(B) Assimilation
(C) Schema
(D) Perception

128 The correct sequence of phases of Bandura's social learning is –
(A) Observational, Attentional, Retentional and Motivational
(B) Observational, Attentional, Retentional and Motivational
(C) Observational, Retentional, Attentional and Motivational
(D) Observational, Retentional, Motivational and Attentional

129 If a child's chronological age is 12 years and his I.Q. level is 75, then his mental age will be –
(A) 8 years
(B) 9 years
(C) 10 years
(D) 12 years

130 "Learning is the modification of behaviour through experience and training." This definition of learning is given by –
(A) Skinner
(B) Higgin
(C) Gestaltists
(D) J. P. Guilford

131 A science teacher plans to teach 'Crop Production' in the class. The best or most appropriate way of teaching this topic is –
(A) By showing a chart showing steps of crop production
(B) By reading the chapter from textbook
(C) By giving related activities in the class
(D) Visit a farm or a nursery, nearby and gather information regarding different steps of production of crop and prepare a report.

132 To develop scientific attitude among students, a science teacher should not –
(A) use teacher-centred teaching methods
(B) organize co-curricular activities
(C) use innovative methods of teaching
(D) satisfy curiosity of students

133 The subject which is most suitable to develop reasoning power of students is –
(A) Hindi
(B) English
(C) Sanskrit
(D) Science

(Contd...)
A science teacher has to teach 'Different types of force' in his class. Then the most suitable method to teach this topic is —
(A) Lecture method
(B) Evaluation Approach method
(C) Laboratory method
(D) Demonstration method

A science teacher asks students to give examples of solid, liquid and gas. Here giving examples is related to —
(A) Knowledge objective
(B) Understanding objective
(C) Application objective
(D) Skill objective

A science teacher wants to teach a topic "Biodiversity" to the students. The best way of teaching, she should adopt —
(A) teach from text book.
(B) teach by showing pictures.
(C) taking students to nearby park, take photograph and prepare report on flora and fauna observed.
(D) suggest to read by their own, as it is a theoretical concept.

Innovative method of teaching, in which students can learn by its own pace of learning —
(A) Inductive method
(B) Deductive method
(C) Programmed Instruction
(D) Heuristic method

Taxonomy of educational aims / objectives is given by —
(A) Krathwohl
(B) B. S. Bloom
(C) Robert Meger
(D) Gyan

While teaching the topic 'Friction' to class VII students, a science teacher gave a number of examples to explain that 'friction is harmful to us in many ways.' The example which was not quoted by her correctly is —
(A) We are able to walk because of friction
(B) Wearing out of machine parts
(C) A vehicle stops on applying brakes
(D) Able to write because of friction between the tip of the pen and the paper

Teaching method, which is not appropriate to teach science in middle classes —
(A) Demonstration method
(B) Activity based method
(C) Lecture method
(D) Inductive method

A social studies teacher wants to teach the location of continents and oceans. The type of map she should use is —
(A) World political
(B) World physical
(C) Indian physical
(D) Indian political
142. To create interest in social science among students, a teacher should —
(A) use same type of teaching methods
(B) teach by using text-book
(C) not allow the students to ask questions
(D) do activity based teaching

143. While preparing a lesson plan on the topic 'Agriculture', what will be your first step?
(A) Select teaching aids
(B) Frame objectives
(C) Go through the topic many times
(D) Prepare introductory questions

144. A trainee teacher writes one of the instructional objectives as 'students shall be able to describe the meaning of democracy'. In which domain shall this objective fall?
(A) Skill
(B) Synthesis
(C) Comprehension
(D) Analysis

146. Teaching performed by a group of teachers is —
(A) Team teaching
(B) Teacher teaching
(C) Written teaching
(D) Oral teaching

147. In History text-books many sources have been given in each chapter —
(A) to prove the creative talent of the authors
(B) to prove that more than one source are always better
(C) to justify the selection of topic
(D) to encourage students to work on sources and derive interpretation

148. The technique used to test the acquired knowledge of students is —
(A) Assessment method
(B) Project method
(C) Question-Answer method
(D) Observation method

149. Father of problem solving method is —
(A) D. V. John
(B) Karl Marx
(C) William Adam
(D) Socrates and St. Thomas

150. Team Teaching was used for the first time in —
(A) India
(B) Russia
(C) America
(D) Britain
151 A receptive oral skill is -
(A) writing
(B) speaking
(C) listening
(D) reading

152 The purpose of remedial teaching is to -
(A) introduce new language items
(B) test recently taught items
(C) teach again the language items not properly learnt
(D) teach again the language items already learnt

153 Most of the students of a class got poor grades in the English assessment. The type of the teacher will design to find out the cause of their poor grades is -
(A) Diagnostic Test
(B) Proficiency Test
(C) Achievement Test
(D) Aptitude Test

154 A teacher engages her learners in a fun activity before beginning a new lesson. The purpose of this activity is to -
(A) divert the attention of the learners
(B) motivate and energise the learners
(C) reduce the workload of the teacher
(D) discipline the learners before the lesson

155 A quick reading of a passage looking for specific information is called -
(A) Skimming
(B) Speed reading
(C) Scanning
(D) Silent reading

156 Which of the following is not a study skill?
(A) Note taking
(B) Getting information from an encyclopedia
(C) Writing formal reports
(D) Using dictionary

157 When the matter is grouped on the base of sentence structure, it is called -
(A) Phonetic grouping
(B) Grammatical grouping
(C) Lexical grouping
(D) Semantic grouping

158 The Audio-lingual method is (also known as Army method) is said to result in rapid acquisition of -
(A) reading and speaking skills
(B) reading and listening skills
(C) speaking and listening skills
(D) writing and reading skills

159 In language, the order in which skills are taught is -
(A) Listening, Speaking, Reading, Writing
(B) Writing, Reading, Speaking, Listening
(C) Speaking, Listening, Reading, Writing
(D) Writing, Reading, Listening, Speaking

160 Reading a short passage and answering detailed comprehension is called -
(A) Speed Reading
(B) Skimming
(C) Intensive Reading
(D) Scanning

[Contd...]
161 In order to introduce the topic on 'Nutrition' in class more effectively a teacher should –

(A) Show the model of human denture
(B) Ask the students to open their Tiffin-boxes, see the contents, followed by teacher's explanation
(C) Give examples of different foods rich in nutrients
(D) Draw the diagram of digestive system

164 Originator of play-way method is –

(A) Froebel
(B) Dalton
(C) Sigmund Freud
(D) Montessori

165 Comprehensive Evaluation refers to assessment of:

(A) Co-curricular activities
(B) Academic subjects
(C) Both scholastic and co-scholastic areas
(D) Summative assessment tests

166 The most appropriate teaching method of teaching Algebra at upper primary level is –

(A) Practical method
(B) Inductive method
(C) Equation method
(D) Play method
167 Which of the following is not the principle of meaningful learning in Mathematics?
   (A) Principle of Utility
   (B) Principle of Rotting
   (C) Principle of Exercise
   (D) Principle of proper use of mental powers

168 A child is able to compute the third side of a right-angled triangle if two sides are given. The above mentioned behavioural change is related to -
   (A) Knowledge objective
   (B) Application objective
   (C) Skill objective
   (D) Attitude objective

169 If students understand the concept of geometrical shapes, then behavioural change among the students will be -
   (A) Able to classify figures
   (B) Able to draw similar figures
   (C) Able to exhibit geometrical figures on Mathematician Club board
   (D) Able to recall the geometrical figures

170 A teacher asked the students to pick out the perfect cubes from a given set of numbers. The objective achieved by this is -
   (A) Application
   (B) Understanding
   (C) Skill
   (D) Knowledge

171 The most appropriate method to teach "Third law of Motion" is -
   (A) Deductive method
   (B) Demonstration method
   (C) Lecture method
   (D) Inductive method

172 After having been taught about Braille System, the students were taken school of visually challenged pupils. This would help the students to -
   (A) have fun and enjoy with friend.
   (B) develop respect for all types of challenged pupils.
   (C) co-relate classroom learning to real-life situations.
   (D) develop positive attitude towards visually challenged pupils.

173 Assessment in Science should focus more on testing the ability of students to -
   (A) be sufficiently equipped for higher learning
   (B) state the facts and principles of Science correctly
   (C) apply the understanding of concepts to unfamiliar situations in everyday life
   (D) answer open ended questions

174 A teacher has to teach 'Structure of a flower' in class VII. The most appropriate method that a science teacher should use to teach that topic -
   (A) Lecture Method
   (B) Problem Solving Method
   (C) Demonstration Method
   (D) Evaluation Approach Method
175 The concept of 'seed germination' can be taught best by -
   (A) showing photographs of seed germination
   (B) showing germinating seeds in the class and explaining the process of germination
   (C) explaining through drawings on the board
   (D) asking the students to perform an activity to saw seed, observe different stages and draw them.

176 If a child is able to identify the errors in science experiments and statements, then the achieved objective is -
   (A) Knowledge
   (B) Affective
   (C) Psychomotor
   (D) Skill

177 The founder of Project method is -
   (A) Armstrong
   (B) Simpson
   (C) Kilpatrick
   (D) B. F. Bloom

178 The quality of a good Science text book is -
   (A) Content unorganized
   (B) Latest Information included
   (C) Black and white pictures (diagrams)
   (D) Costly

179 Doing activities with children will be effective only if -
   (A) the teacher does not know why she is doing it
   (B) the teacher conducts them to complete her 'Lesson Plan'
   (C) the teacher does them as a pretence to obey her principal's directions for activity based learning
   (D) she believes that activity based education will help the child in understanding the concepts

180 The mechanism of breathing in Class VII should be explained by the teacher in an effective way by using -
   (A) Chart
   (B) Improvised apparatus
   (C) Text-book
   (D) Transparency (O.H.P)

181 The subject of Social Science was started for the first time in -
   (A) India
   (B) England
   (C) America
   (D) Europe

182 A teacher wants to teach 'Ramayana' in a class. The method she should adopt is -
   (A) Heuristic method
   (B) Field-trip method
   (C) Story method
   (D) Lecture method

183 A trainee teacher writes, one of the instructional objectives as 'students shall be able to differentiate between kharif and rabi crops'. The domain in which this objective will fall is -
   (A) Psychomotor
   (B) Affective
   (C) Cognitive
   (D) Skill

184 One of the most important and effective methods of teaching History at elementary level is -
   (A) Story-telling method
   (B) Lecture method
   (C) Discussion method
   (D) Question-answer method
185 In order to promote the process of co-operative learning, the teacher should -
(A) allot individual assignment to each student
(B) assign group projects
(C) engage students in debate and discussions
(D) divide the class into groups of homogeneous ability

186 A social studies teacher wants to teach the voting procedure to the students of class 8th. The most appropriate method she should use is -
(A) Inductive-deductive method
(B) Textbook method
(C) Project method
(D) Dalton method

187 If a child has learnt to read and understand the globe, then he has developed -
(A) Geography related skills
(B) Geography related observational skills
(C) Practical related skills
(D) Transformation related skills

188 The ancient method of Social Science teaching is -
(A) Problem solving method
(B) Observation method
(C) Lecture method
(D) Practical method

189 Give two examples of private sector industry.

The question is based on ________ objective.
(A) Knowledge
(B) Skill
(C) Understanding
(D) Application

190 In the teaching process, ________ has an important position.
(A) Principal
(B) Management
(C) Teacher
(D) Text-book

191 Teaching maxim use in Inductive method is -
(A) unknown to known
(B) abstract to concrete
(C) general to specific
(D) known to unknown

192 The example of specification of skill objective is -
(A) Able to compute
(B) Able to conclude
(C) Able to draw mathematical figures
(D) Able to solve problems
193 When teaching addition of fractions, a teacher observed the following error with all the students:

\[
\frac{1}{3} + \frac{1}{2} = \frac{2}{5}.
\]

The remedial action teacher can take in such situation is

(A) Help the children to understand the magnitude of each fraction
(B) Help the children to understand the concept of LCM
(C) Ask the children to practise of same type of problems
(D) No intervention is needed because she will understand as she grows

194 Originator of Heuristic method is:

(A) Armstrong
(B) Kilpatrick
(C) Euler
(D) Froebel

195 A teacher asked the students to write the algebraic expressions for the following statements:

(i) Thrice of \(x\) minus four
(ii) Four time \(x\) plus 6

Students responded as \(3x - 4\) and \(4x + 6\) while the teacher was expecting \(3(x - 4)\) and \(4(x + 6)\). The above mistakes have occurred due to:

(A) lack of understanding of linear expressions
(B) careless listening of students
(C) language used by teacher
(D) lack of practice of writing linear expressions

196 The most appropriate method of teaching Arithmetic at primary level is:

(A) Play method
(B) Equation method
(C) Demonstration method
(D) Synthetic method

197 When introducing mensuration, a teacher writes all the formulae on the board before proceeding further. This reflects that she is following the:

(A) Inductive approach
(B) Deductive approach
(C) Experimental approach
(D) Practical approach

198 The process by which area of weakness of a child in Maths is identified, is known as:

(A) Written work
(B) Oral work
(C) Remedial work
(D) Diagnostic work

199 Computational skills in Mathematics can be enhanced by:

(A) giving conceptual knowledge alone
(B) describing algorithm only
(C) conducting hands-on activities in class
(D) clarifying concepts and procedures followed by lots of practice

200 A teacher asks the students to encircle perfect square numbers in a given set of numbers. The objective achieved by this is:

(A) Knowledge
(B) Application
(C) Skill
(D) Understanding

[Contd...]
**INSTRUCTIONS TO CANDIDATES**

1. This booklet contains 48 pages.
2. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
3. 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 oval A, B, C or D by Black/Blue Ball-point pen against the question concerned in the Answer-Sheet. (For V.H. candidates corresponding oval will be blackened by the scribe)
4. There is only one correct answer to each question. You should blacken the oval of the appropriate column, viz. A, B, C or D. If you blacken more than one oval 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 oval in the Answer-Sheet, and then blacken the oval of revised response.
5. 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.
6. You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer-Sheet only.

**अन्यथा के लिए निर्देश**

1. इस पुस्तिका में 48 पेज हैं।
2. इस पुस्तिका के सभी पृष्ठों का ध्यानधार्मिक निरीक्षण करे। यदि कोई गलति है, तो निरीक्षण को उसे बदलने के लिए करें।
3. प्रत्येक प्रश्न अथवा प्रत्येक अपूर्ण कथन के बाद चार उत्तर अथवा पूरक कथन सुमारे गए हैं। प्रत्येक दशा में आपकी किसी एक को चुनना है जो प्रश्न का सही उत्तर दे अथवा कथन को पूरा करे और आपको उत्तर-पुस्तिका में उपयुक्त अन्वेषकार खाने A, B, C या D को कला-जीतला बांटा, पाइट पेन से कला करना है। (वी.आई. में उमेदवारों के लिए संपूर्ण अन्वेषकार निपटक भरा कला किया जाएगा।)
4. प्रत्येक प्रश्न का केवल एक ही सही उत्तर है। आपका समुचित कला अथवा A, B, C या D के अन्वेषकार खाने को कला करना है। यदि आप किसी प्रश्न के सामने एक-एक अन्वेषकार खाने को चुनते हैं, तो आपका उत्तर चूर नामा बताया। यदि आप किसी उत्तर को रद्द करना चाहते हैं तो आप उत्तर-पुस्तिका के ऐसे अन्वेषकार खाने से कला निशान को पूरी तरह से मिटा दें और तब बदले हुए उत्तर के लिए अन्वेषकार खाने की कला करे।
5. आ.ए.ए.आर. उत्तर पत्रिका में उसी गान कृत सूचना की एक पश्चिम प्रेणी। यदि सूचना आपके है अथवा आवेदन पत्र में दी गई सूचना से मिलता है, तो ऐसे अप्सराओं को अप्सरा निरंत संबंधी जाँच ओ।
6. इस पुस्तिका के अंदर आपको उत्तर अंकित करने हैं। उत्तर केवल उत्तर पत्रिका में ही है।