

Staff Selection Commission (Southern Region) Combined Graduate Level (Tier I) Examination 2014

Held on: 26.10.2014 (Morning Session)

Test Form No.
टेस्ट फॉर्म सं.
787 PK 9

DD 2014

Time Allowed : 2 Hours (For VH/Cerebral Palsy Candidates : 2 hrs. 40 min.)
निर्धारित समय : 2 घंटे (दृष्टिबाधित/सेरिब्रल पाल्सी उम्मीदवारों के लिए : 2 घंटे 40 मिनट)

Maximum Marks : 200
अधिकतम अंक : 200

Read the following instructions carefully before you begin to answer the questions. This Booklet contains questions in English as well as in Hindi.
प्रश्नों के उत्तर देने से पहले नीचे लिखे अनुदेशों को ध्यान से पढ़ लें। इस पुस्तिका में प्रश्न अंग्रेजी तथा हिन्दी दोनों में दिये गये हैं।

INSTRUCTIONS TO CANDIDATES

- This Booklet contains 200 questions in all comprising the following four parts :
Part A : General Intelligence & Reasoning (50 Questions)
Part B : General Awareness (50 Questions)
Part C : Quantitative Aptitude (50 Questions)
Part D : English Comprehension (50 Questions)
- In questions set bilingually in English and Hindi, in case of discrepancy, the English version will prevail.
- All questions are compulsory and carry equal marks.
- The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.
- Before you start to answer the questions you must check up this Booklet and ensure that it contains all the pages (1-36) and see that no page is missing or repeated. If you find any defect in this Booklet, you must get it replaced immediately.
- You will be supplied the Answer-Sheet separately by the Invigilator. You must complete and code the details of Name, Roll Number, Ticket Number and Test Form Number on Side-I of the Answer-Sheet carefully. You must also put your signature and Left-Hand thumb impression on the Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark. (VH/Cerebral Palsy candidates will have to ensure that these details are filled in by the scribe. However all VH/Cerebral Palsy candidates must put their Left-Hand thumb impression at the space provided in the Answer-Sheet. Those VH/Cerebral Palsy candidates who can sign should also put their signatures in addition to thumb impression.)
- Answers must be shown by completely blackening the corresponding ovals on Side-II of the Answer-Sheet against the relevant question number by Black/Blue Ball-point Pen only. Answers which are not shown by Black/Blue Ball-point Pen will not be awarded any mark.
- A machine will read the coded information in the OMR Answer-Sheet. In case the information is incomplete or different from the information given in the application form, such candidate will be awarded 'ZERO' mark.
- The Answer-Sheet must be handed over to the Invigilator before you leave the Examination Hall.
- Failure to comply with any of the above instructions will render a candidate liable to such action/penalty as may be deemed fit.
- The manner in which the different questions are to be answered has been explained at the back of this Booklet (Page No. 36), which you should read carefully before actually answering the questions.
- Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.
- In lieu of Question Nos. 39 to 50 and 144 to 150 relating to figural portions, alternate questions have been provided to be attempted by VH/Cerebral Palsy candidates only.
- No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions.
- "Mobile phones and wireless communication devices are completely banned in the examination halls/rooms. Candidates are advised not to keep mobile phones/any other wireless communication devices with them even switching it off, in their own interest. Failing to comply with this provision will be considered as using unfair means in the examination and action will be taken against them including cancellation of their candidature."

उम्मीदवारों के लिए अनुदेश

- इस पुस्तिका में कुल 200 प्रश्न हैं, जिनमें निम्नलिखित चार भाग शामिल हैं :
भाग क : सामान्य बुद्धिमत्ता एवं तर्कशक्ति (50 प्रश्न)
भाग ख : सामान्य जानकारी (50 प्रश्न)
भाग ग : परिमाणात्मक अभिरुचि (50 प्रश्न)
भाग घ : अंग्रेजी परिज्ञान (50 प्रश्न)
- अंग्रेजी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेजी विवरण मान्य होगा।
- सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं।
- प्रश्न-पत्र में नकारात्मक अंकन होगा। हर गलत उत्तर के लिए 0.25 अंक काटा जाएगा।
- प्रश्नों के उत्तर देने से पहले आप इस पुस्तिका की जाँच करके देख लें कि इसमें पूरे पृष्ठ (1-36) हैं तथा कोई पृष्ठ कम या दुबारा तो नहीं आ गया है। यदि आप इस पुस्तिका में कोई त्रुटि पाएँ, तो तत्काल इसके बदले दूसरी पुस्तिका ले लें।
- निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जाएगी। उत्तर-पत्रिका के Side-I में नियमावली के अनुसार ध्यानपूर्वक अपना नाम, रोल नम्बर, टिकट नम्बर और टेस्ट फॉर्म संख्या अवश्य लिखें। प्रश्नों के उत्तर वास्तव में शुरू करने से पहले उत्तर-पत्रिका पर निर्धारित स्थान में आप अपने हस्ताक्षर एवं बाएँ हाथ के अंगूठे का निशान भी अवश्य लगाएँ। उपर्युक्त अनुदेशों का पूरी तरह अनुपालन किया जाए, अन्यथा आपकी उत्तर-पत्रिका को जाँचा नहीं जाएगा और 'शून्य' अंक दिया जाएगा। (दृष्टिबाधित/सेरिब्रल पाल्सी वाले उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भरा जाए। परन्तु सभी दृष्टिबाधित/सेरिब्रल पाल्सी वाले उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बाएँ हाथ के अंगूठे का निशान अवश्य लगाएँ। जो दृष्टिबाधित/सेरिब्रल पाल्सी वाले उम्मीदवार हस्ताक्षर कर सकते हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी कर दें।)
- उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिए गए सम्बन्धित अण्डाकार खानों को केवल काले/नीले बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ। जो अण्डाकार खाने काले/नीले बॉल-पॉइंट पेन से नहीं भरे जाएँगे, उनके लिए कोई अंक नहीं दिया जाएगा।
- ओ.एम.आर. उत्तर-पत्रिका में भरी गई कूट सूचना को एक मशीन पढ़ेगी। यदि सूचना अपूर्ण है अथवा आवेदन प्रपत्र में दी गई सूचना से भिन्न है, तो ऐसे उम्मीदवार को 'शून्य' अंक दिया जाएगा।
- परीक्षा भवन छोड़ने से पहले उम्मीदवार को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी चाहिए।
- रूपर के अनुदेशों में से किसी एक का भी पालन न करने पर उम्मीदवार पर विवेकानुसार कार्यवाही की जा सकती है या दण्ड दिया जा सकता है।
- विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृष्ठ संख्या 36) में छपे हुए निर्देशों में दे दी गई है; इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें।
- प्रश्नों के उत्तर जितनी जल्दी हो सके तथा ध्यानपूर्वक दें। कुछ प्रश्न आसान तथा कुछ कठिन हैं। किसी एक प्रश्न पर बहुत अधिक समय न लगाएँ।
- आकृति से सम्बन्धित प्रश्न संख्या 39 से 50 तथा 144 से 150 के बदले में केवल दृष्टिबाधित/सेरिब्रल पाल्सी उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं।
- कोई रफ कार्य उत्तर-पत्रिका पर नहीं करना है। रफ कार्य के लिए स्थान प्रश्नों के नीचे दिया गया है।
- "परीक्षा हॉलों/कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। उम्मीदवारों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फोन/किसी अन्य बेतार संचार साधन को स्विच ऑफ करके भी अपने पास न रखें। इस प्रावधान का अनुपालन न करने को परीक्षा में अनुचित उपायों का प्रयोग माना जाएगा और उनके विरुद्ध कार्रवाई की जाएगी, उनकी अभ्यर्थिता रद्द कर देने सहित।"

SEAL

PART A : GENERAL INTELLIGENCE & REASONING

Directions : In questions no. 1 to 6, select the related word/letters/number from the given alternatives.

1. 720 : 840 :: 60 : ?
 (A) 74 (B) 76
 (C) 80 (D) 70
2. 225 : 256 :: 289 : ?
 (A) 432 (B) 234
 (C) 361 (D) 324
3. Money : Misappropriation :: Writing : ?
 (A) Theft (B) Deception
 (C) Mistake (D) Plagiarism
4. Optimist : Cheerful :: Pessimist : ?
 (A) Mean (B) Petty
 (C) Selfish (D) Gloomy
5. YTOJ : XSNI :: WRMH : ?
 (A) UPKF (B) VQLG
 (C) TOJE (D) RMHC
6. EIGK : EACY :: RVTY : ?
 (A) RMPL (B) RVSQ
 (C) RNPL (D) RWUY

Directions : In questions no. 7 to 11, select the one which is different from other three alternatives.

7. (A) 9 (B) 27
 (C) 35 (D) 18
8. (A) 10 - 90 (B) 9 - 72
 (C) 8 - 56 (D) 11 - 115
9. (A) HIJL (B) TUVX
 (C) OPRS (D) BCDF
10. (A) Island (B) Bay
 (C) Cape (D) Peninsula
11. (A) Ally (B) Rival
 (C) Opponent (D) Foe

12. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

ipigupogipigupogipig

- (A) giupi (B) iupgg
 (C) upgii (D) puigp

13. In the following series, how many KGN occur in such a way that 'G' is in the middle and 'K' and 'N' are adjacent to it on both sides?

AKGLMNDQKKGCSNGKTGKGNDZPUXGKE

- (A) 2 (B) 3
 (C) 5 (D) 1

14. Which one of the given responses would be a meaningful order of the following?

- | | |
|----------------|-----------|
| 1. Seed | 2. Plant |
| 3. Germination | 4. Embryo |
| 5. Flower | 6. Fruit |

- (A) 1, 5, 6, 4, 2, 3 (B) 1, 5, 3, 4, 2, 6
 (C) 1, 4, 3, 2, 5, 6 (D) 6, 5, 4, 3, 1, 2

15. Arrange the following words as per order in the English dictionary :

- | | |
|-----------|-------------|
| 1. Live | 2. Litter |
| 3. Little | 4. Literacy |
| 5. Living | |

- (A) 4, 2, 3, 1, 5 (B) 3, 4, 2, 1, 5
 (C) 3, 2, 4, 5, 1 (D) 4, 3, 5, 2, 1

Directions : In questions no. 16 to 18, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

16. 1, 0, 3, 2, 5, 6, ?, 12, 9, 20

- (A) 8 (B) 9
 (C) 10 (D) 7

17. SHG, RIF, QJE, PKD, ?

- (A) OLC (B) NME
 (C) NLB (D) OLE

18. 7, 8, 18, 57, ?, 1165
 (A) 228 (B) 174
 (C) 232 (D) 224

19. From the given alternative words, select the word which **cannot** be formed using the letters of the given word.

INCARCERATION

- (A) CREATION (B) RELATION
 (C) TERRAIN (D) INACTION
20. Mr. Mani's age is 47 years and John's age is 13 years. In how many years will Mr. Mani's age be double of John's age?
 (A) 15 years (B) 20 years
 (C) 21 years (D) 10 years

21. There are five friends — Sachin, Kamal, Mohan, Arun and Ram. Sachin is shorter than Kamal, but taller than Ram. Mohan is the tallest. Arun is a little shorter than Kamal and a little taller than Sachin. Who is the second tallest?
 (A) Arun (B) Ram
 (C) Sachin (D) Kamal

22. A is the brother of B, B is the daughter of C and D is the father of A. Then how is C related to D?
 (A) Grandfather
 (B) Husband
 (C) Wife
 (D) Granddaughter

23. From the given alternative words, select the word which can be formed using the letters of the given word.

DEMOCRACY

- (A) DEMON (B) SECRECY
 (C) MICRO (D) MARCY

24. In an examination, 78% of the total students who appeared were successful. If the total number of failures was 176 and 34% got first class, then how many students got first class?
 (A) 254 (B) 272
 (C) 112 (D) 210

25. Some letters are given with numbers from 1 to 6. Select the sequence of numbers which arranges the letters into a meaningful word.

1 2 3 4 5 6
 G I C O D N

- (A) 3, 4, 5, 2, 6, 1
 (B) 2, 1, 4, 3, 6, 5
 (C) 4, 3, 2, 6, 5, 1
 (D) 6, 5, 2, 3, 1, 4

26. If in a certain code, 'INTELLIGENCE' is written as 'ETNIGILLECNE', then how can 'MATHEMATICAL' be written in the same code?
 (A) LACITAMEHTAM
 (B) AMHTMETACILA
 (C) TAMMEHITALAC
 (D) HTAMTAMELACI

27. If in a certain code 'CHARACTER' is written as '241612376' and 'CHILDREN' is written as '24859670', then how can 'HIRALAL' be written in the same code?
 (A) 4685511 (B) 4861551
 (C) 4861515 (D) 4685151

28. Given below are capital letters in the first line and symbols in the second line. Symbols and letters are codes for each other. Choose the correct code for the given letters.

A	C	E	G	H	I	O	N	P	R	T	S	B	D	M
+	-	÷	×	=	()	[]	≠		#		>	<		

BEAST

- (A) | ÷ + ≠ = (B) | ÷ + ≠ ||
 (C) | ÷ × # || (D) | ÷ + # ||

29. Select the correct combination of mathematical signs to replace * signs and to balance the following equation :

$$(8 * 7 * 6) * 5 * 10$$

- (A) $\times + = \div$ (B) $\times - \div =$
 (C) $- \times \div +$ (D) $+ - \div \times$

30. If '>' stands for 'division', '∨' stands for 'multiplication', '−' stands for 'greater than', '×' stands for 'less than', '<' stands for 'addition', '^' stands for 'subtraction', '=' stands for 'equal to', then which of the following equations is correct ?

- (A) $11 \wedge 12 < 5 < 4 + 12$
 (B) $10 \wedge 3 < 5 < 4 + 16$
 (C) $4 \wedge 6 < 4 < 4 + 16$
 (D) $12 \wedge 3 < 5 < 4 + 12$

31. Some equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.

$$5 * 3 = 125; 4 * 3 = 64; 8 * 2 = ?$$

- (A) 64 (B) 28
 (C) 16 (D) 32

Directions : In questions no. 32 to 34, select the missing number from the given responses.

32.

9	7	4
5	4	3
6	8	?
49	52	25

- (A) 5 (B) 6
 (C) 7 (D) 4

33.

4	10	22
8	5	14
10	3	?

- (A) 12 (B) 13
 (C) 14 (D) 11

34.

2	3	4
3	4	5
13	?	41

- (A) 25 (B) 31
 (C) 46 (D) 23

35. Some statements are given followed by two conclusions I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statements. Indicate your answer.

Statements :

All files are papers. Some papers are books.
 Some books are journals.

Conclusions :

- I. All files are journals.
 II. All books are not journals.
 (A) Only conclusion II follows
 (B) Both conclusions I and II follow
 (C) Neither conclusion I nor II follows
 (D) Only conclusion I follows

36. Pratap starts from school and walks 7 km towards east. He takes a left and walks 4 km, then takes a right and walks 2 km, again takes a right and walks 3 km. Which direction is he facing now ?

- (A) West (B) South
 (C) North (D) East

37. Vijay travelled 12 km Southward, then turned right and travelled 10 km, then turned right and travelled 12 km. How far was Vijay from the starting point ?

- (A) 10 km (B) 22 km
 (C) 44 km (D) 12 km

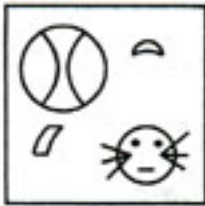
38. Fertiliser consumption in India in 1984 – 85 was 8.21 MT. By 1990 it was 13.75 MT and by 2000 it was expected to reach 16 MT. What conclusion can you draw from this data ?
- (A) There is a steady decrease in the fertiliser consumption.
 (B) Fertiliser consumption does not show any trend.
 (C) There is a steady increase of the fertiliser consumption.
 (D) Fertiliser consumption is steady.

39. How many triangles are there in the given figure ?

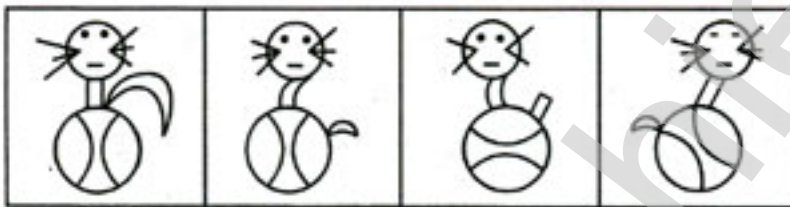


- (A) 16 (B) 18
 (C) 20 or more (D) 12
40. Among the four answer figures, which figure can be formed from the cut-pieces given below in the question figure ?

Question figure :



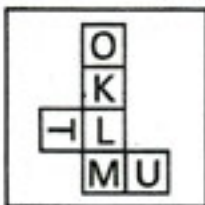
Answer figures :



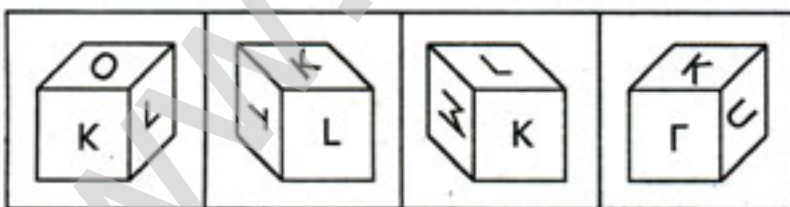
- (A) (B) (C) (D)

41. Choose the cube which will be formed on folding the given question figure.

Question figure :

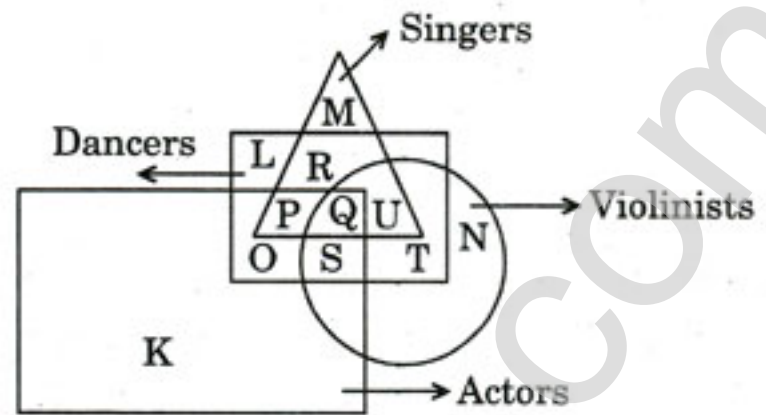


Answer figures :



- (A) (B) (C) (D)

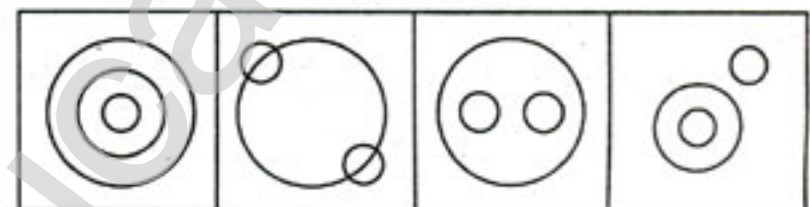
42. In the given figure, which letter represents those Actors who are also Dancers, Singers as well as Violinists ?



- (A) U (B) S
 (C) Q (D) P

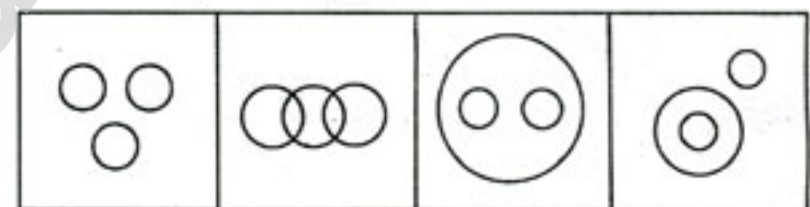
Directions : In questions no. 43 and 44, identify the diagram that best represents the relationship among the classes given below.

43. Factory, Machinery, Product



- (A) (B) (C) (D)

44. Travellers, Train, Bus



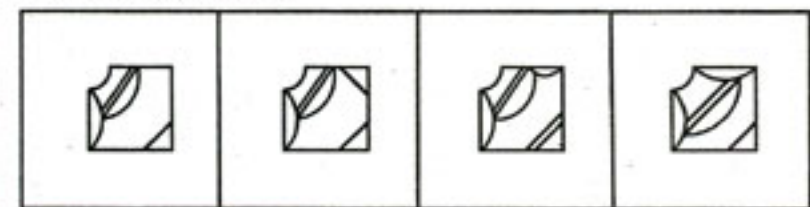
- (A) (B) (C) (D)

Directions : In questions no. 45 and 46, which answer figure will complete the pattern in the question figure ?

45. Question figure :



Answer figures :

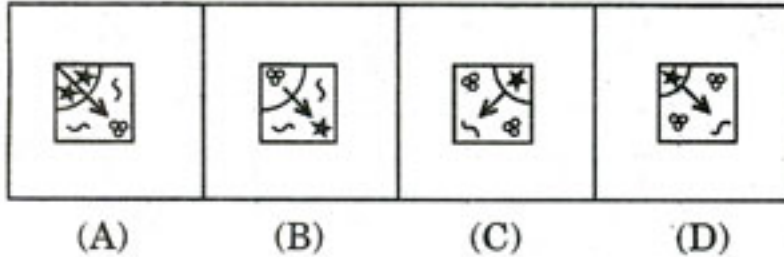


- (A) (B) (C) (D)

46. Question figure :

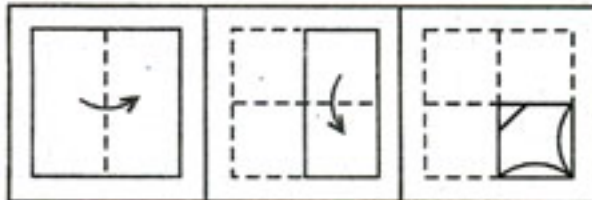


Answer figures :

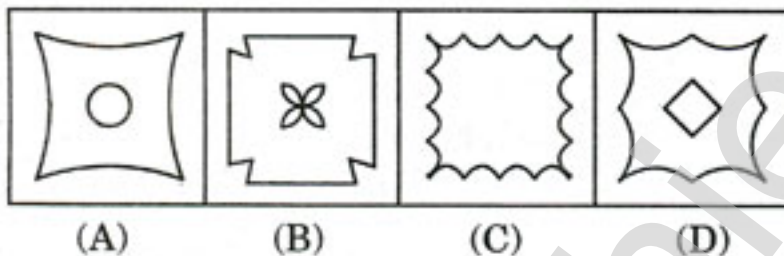


47. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

Question figures :



Answer figures :

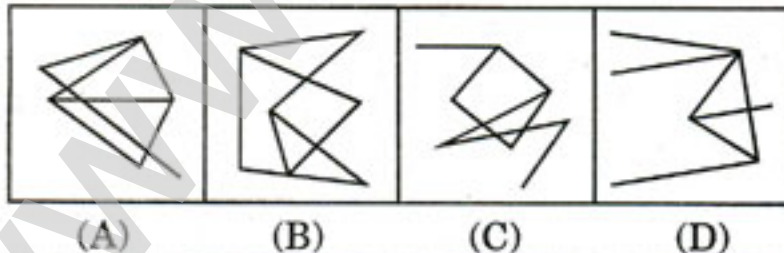


48. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question figure :



Answer figures :



49. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'E' can be represented by 02, 43, 68 etc., and 'N' can be represented by 21, 65, 95 etc. Similarly, you have to identify the number set for the word given below :

COST

Matrix I

	0	1	2	3	4
0	G	V	E	A	C
1	R	O	N	G	S
2	M	N	E	S	I
3	O	T	I	T	A
4	N	S	N	E	P

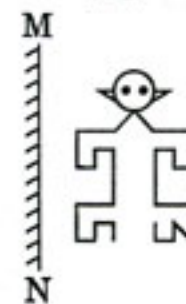
Matrix II

	5	6	7	8	9
5	R	E	O	N	G
6	N	P	V	E	S
7	M	T	I	O	N
8	E	A	I	C	O
9	N	T	A	R	S

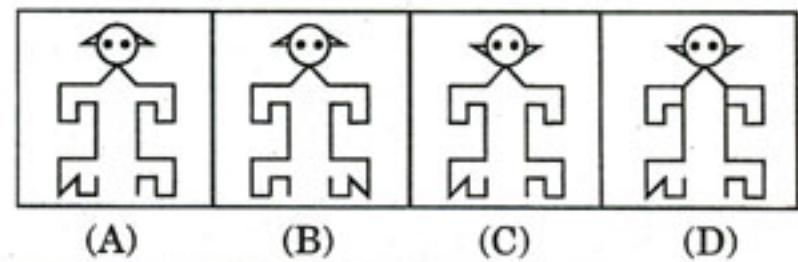
- (A) 88, 78, 99, 89
- (B) 04, 30, 31, 41
- (C) 88, 57, 69, 32
- (D) 04, 11, 41, 76

50. If a mirror is placed on the line MN, then which of the answer figures is the right image of the question figure ?

Question figure :



Answer figures :



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39. If February 29th falls on a Monday, what would be the 11th day of the month ?
 (A) Wednesday (B) Saturday
 (C) Thursday (D) Monday
40. How many 8s are there in the following sequence which are immediately preceded by 6 but not immediately followed by 5 ?
 6, 8, 5, 7, 8, 5, 4, 3, 6, 8, 1, 9, 8, 5, 4, 6, 8, 2,
 9, 6, 8, 1, 3, 6, 8, 5, 3, 6
 (A) Two (B) Three
 (C) Four (D) One
41. Ram, Mahesh and Mohan play badminton; Mahesh, Ramesh and Pramod play tennis; and Mahesh, Ramesh and Ram play chess. Who plays chess and badminton but not tennis ?
 (A) Mahesh (B) Pramod
 (C) Ramesh (D) Ram
42. There are two troughs 'A' and 'B'. 'A' contains 30 cups of water and 'B' contains 20 cups of water. Each time a cup of water is removed both from 'A' and from 'B', one cup of water is added to trough 'A'. How many cups of water will be there in the trough 'A' when the trough 'B' gets emptied ?
 (A) 10 (B) 30
 (C) 00 (D) 20
43. In the following list of English alphabets, one alphabet has not been used. Identify the same.
 ENUNGFJRJVLPOWKJEN
 UGFEBARMTPIDOGHOZJ
 QCRVPOLJFXXYTHIQEM
 (A) S (B) T
 (C) G (D) P
44. A class of boys is standing in a long queue. Rahim is standing at 29th place in order from both ends. How many boys are there in the class ?
 (A) 47 (B) 58
 (C) 38 (D) 57
45. 'Artist' is related to 'Painting' in the same way as 'Senator' is related to
 (A) Law
 (B) Politician
 (C) Constituent
 (D) Attorney
46. Select the related number from the given alternatives.
 MANGO : 50 :: CHILLI : ?
 (A) 44 (B) 53
 (C) 55 (D) 18
47. Find the *wrong* number in the given number series.
 4, 8, 5, 9, 7, 11, 12, 14, 14
 (A) 9 (B) 12
 (C) 14 (D) 8
48. Which answer word forms a necessary part of the given word ?
 'Knowledge'
 (A) Teacher (B) Textbook
 (C) Learning (D) School
49. If REASON is coded as 5 and BELIEVED as 7, what is the code for GOVERNMENT ?
 (A) 8 (B) 9
 (C) 10 (D) 6
50. A, B, C, D and E are sitting on a bench. A is sitting next to B; C is sitting next to D; D is not sitting with E, who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position is A sitting ?
 (A) Between B and C
 (B) Between E and D
 (C) Between C and E
 (D) Between B and D

PART B : GENERAL AWARENESS

51. India follows the policy of non-alignment which implies
(A) bringing peace and amity to the world
(B) being a third world power
(C) choosing its own policies
(D) neutrality towards power blocs
52. If the supply curve is a straight line passing through the origin, then the price elasticity of supply will be
(A) equal to unity
(B) less than unity
(C) infinitely large
(D) greater than unity
53. According to Modern Theory of Rent, rent accrues to
(A) land only (B) capital only
(C) any factor (D) labour only
54. The book which is at the centrepiece of the study of Macro-Economics was written by
(A) Prof. Baumol
(B) Prof. Samuelson
(C) Prof. J.M. Keynes
(D) Prof. Benham
55. The basic problem studied in Macro-Economics is
(A) distribution of income
(B) production of income
(C) usage of income
(D) flow of income
56. A unit price elastic demand curve will touch
(A) only quantity axis
(B) both price and quantity axes
(C) neither price axis, nor quantity axis
(D) only price axis
57. Chief Justice of the Supreme Court is appointed by the
(A) President
(B) Speaker of the Lok Sabha
(C) Chairman of the Rajya Sabha
(D) Prime Minister
58. The number of subjects incorporated in the Union List is
(A) 89 (B) 97
(C) 102 (D) 82
59. Who was the French Governor of Pondicherry who tried to make the French Company as a powerful company?
(A) Joseph Francois Dupleix
(B) Thomas Arthur, Comte de Lally
(C) Godeheu
(D) La Bourdonnais
60. The most powerful Peshwa was
(A) Balaji Vishwanath
(B) Balaji Baji Rao
(C) Baji Rao
(D) Madhava Rao
61. Democratic Socialism aims at
(A) bringing about Socialism through democratic means
(B) bringing about Socialism through peaceful means
(C) bringing about Socialism through violent and peaceful means
(D) bringing about Socialism through violent means
62. Two-Party System is found in
(A) France (B) Russia
(C) U.S.A. (D) India

63. Which of the following reasons is responsible for lack of vegetation in the deserts ?
- (A) Lack of rainfall
 - (B) Heavy volume of sands
 - (C) Absence of B-horizon in the soil
 - (D) High temperature
64. The First Mysore War fought between the British and Hyder Ali in 1767 – 69 A.D., came to an end by the
- (A) Treaty of Aix-la-Chapelle
 - (B) Treaty of Pondicherry
 - (C) Treaty of Madras
 - (D) Treaty of Mysore
65. The British Government intervened in the affairs of the Company and passed an Act in 1773 A.D., known as the
- (A) Company Act
 - (B) Regulating Act
 - (C) Pitt's India Act
 - (D) Charter Act
66. Sher. Shah defeated Humayun and captured Gaur in the battle of
- (A) Khanwa in 1527 A.D.
 - (B) Ghaghra in 1529 A.D.
 - (C) Chausa in 1539 A.D.
 - (D) Panipat in 1526 A.D.
67. Identify the most infertile amongst the following soils.
- (A) Peaty soil
 - (B) Black cotton soil
 - (C) Alluvial soil
 - (D) Laterite soil
68. Spot the odd item of the following :
- (A) Sandstone
 - (B) Shale
 - (C) Marble
 - (D) Limestone
69. Which among the following is an abiotic factor ?
- (A) Rodents
 - (B) Mites
 - (C) Moisture
 - (D) Insects
70. Leaves of many grasses are capable of folding and unfolding because
- (A) they have specialised bulliform cells
 - (B) their mesophyll is not differentiated into palisade and spongy parenchyma
 - (C) they have stomata on both sides of the leaf
 - (D) they have high levels of silica
71. Pleura is the covering of
- (A) Heart
 - (B) Lung
 - (C) Liver
 - (D) Kidney
72. Which one of the following is an egg-laying mammal ?
- (A) Bandicoot
 - (B) Sloth
 - (C) Duck-billed platypus
 - (D) Kangaroo
73. What are the folds found in the mucous lining of the empty stomach ?
- (A) Villi
 - (B) Typhlosole
 - (C) Areolae
 - (D) Rugae
74. Which one of the following pairs is *not* correctly matched ?
- (A) Bhangar – Azonal soil
 - (B) Khadar – Zonal soil
 - (C) Podzol – Zonal soil
 - (D) Chestnut – Zonal soil
75. Select the correct direction of Sirocco storm.
- (A) Adriatic Sea to Italy
 - (B) Sahara to Mediterranean Sea
 - (C) North from U.S.A.
 - (D) West from Sahara

76. The device used to convert solar energy into electricity is
(A) Galvanic cell
(B) Photovoltaic cell
(C) Daniell cell
(D) Electrochemical cell
77. The apparatus used to test acidity of aqueous solutions is
(A) Acidmeter (B) pH meter
(C) Ammeter (D) Hygrometer
78. The Hutti Gold mines are located in the State of
(A) Maharashtra (B) Karnataka
(C) Tamil Nadu (D) Andhra Pradesh
79. The chemical name of "Plaster of Paris" commonly used for setting broken bones is
(A) Calcium chloride
(B) Calcium nitrate *CaCO₃*
(C) Calcium sulphate
(D) Calcium carbonate ✓
80. In our country the 'Van Mahotsav' Day is observed on
(A) 1st December
(B) 10th August
(C) 1st July
(D) 2nd October
81. Medicine of Quinine is provided by
(A) Aconite plant
(B) Cinchona plant
(C) Money plant
(D) Eucalyptus plant
82. The type of kidneys present in frog are
(A) Pronephros (B) Mesonephros
(C) Metanephros (D) Archinephros
83. A spinning neutron star is known as
(A) Quasar (B) White dwarf
(C) Black hole (D) Pulsar
84. Light year is a unit of
(A) Time (B) Light
(C) Current (D) Distance
85. The moderator used in a nuclear reactor is
(A) Graphite (B) Uranium
(C) Radium (D) Ordinary water
86. Solar eclipse occurs when
(A) the Earth comes between the Moon and the Sun
(B) the Moon does not lie on the line joining the Sun and the Earth
(C) the Moon comes between the Sun and the Earth
(D) the Sun comes between the Moon and the Earth
87. An aspect of Input/Output controller of data logic is called
(A) Data Buffering
(B) General Buffering
(C) Zero Buffering
(D) Buffering
88. What does BIOS stand for ?
(A) Basic Input Output System
(B) Basic Internal Output System
(C) Basic Intra Operating System
(D) Basic Internal Organ System

89. Which of the following was the first Indian exclusive defence satellite which was successfully launched on 29 August, 2013 ?
(A) GSAT-6 (B) GSAT-7
(C) MIG-47 (D) GSET-4
90. Who was elected as the Ninth President of International Olympic Committee (IOC) on 10th September, 2013 ?
(A) Richard Carrion (B) Thomas Bach
(C) Ching-Kuo-Wu (D) Sergei Bubka
91. The Indian Grandmaster who won the Commonwealth Chess Championship in 2013 is
(A) Vishwanathan Anand
(B) Koneru Humpy
(C) Magnus Carlsen
(D) Abhijeet Gupta
92. Who had been selected for the Tagore Award for Cultural Harmony in 2013 ?
(A) Anita Desai (B) Kiran Bedi
(C) Chetan Anand (D) Zubin Mehta
93. Who won the U.S. Open Men's Singles in 2013 in Lawn Tennis ?
(A) Novak Djokovic (B) Andy Murray
(C) Roger Federer (D) Rafael Nadal
94. Process through which plants reproduce
(A) Evaporation (B) Pollination
(C) Condensation (D) Eating
95. Which river serves the largest cultivable area ?
(A) Krishna (B) Ganga
(C) Saryu (D) Godavari
96. In August 2013, who won the International Children's Peace Prize ?
(A) Silvio Berlusconi
(B) Malala Yousafzai
(C) Angela Merkel
(D) A.P.J. Abdul Kalam
97. Who is the present President of Pakistan ?
(A) Mamnoon Hussain
(B) Asif Ali Zardari
(C) Nawaz Sharif
(D) Raza Rabbani
98. Who had been selected for the Rajiv Gandhi National Sadbhavana Award 2013 ?
(A) Muzaffar Ali
(B) Amjad Ali Khan
(C) Gautam Ghosh
(D) Aashish Khan
99. Who was the first recipient of 'Mahathir Award' for Global Peace in August 2013 ?
(A) Nelson Mandela
(B) Malala Yousafzai
(C) John Boehner
(D) Howard Stern
100. On which date did the Rajya Sabha pass "The Marriage Laws" (Amendment) Bill 2012 ?
(A) 23rd August, 2013
(B) 18th August, 2013
(C) 5th August, 2013
(D) 26th August, 2013

PART C : QUANTITATIVE APTITUDE

101. If a job is to be completed in 10 days, it requires 270 persons. If 180 persons take up the same job, they will finish it in
 (A) 18 days (B) 27 days
 (C) 12 days (D) 15 days
102. A certain number of men can finish a piece of work in 100 days. However, if there were 10 men less, then it would take 10 days more for the work to be finished. How many men were there originally?
 (A) 100 (B) 110
 (C) 75 (D) 50
103. Subhash can copy 50 pages in 10 hours; Subhash and Prakash can copy 300 pages in 40 hours. In how much time can Prakash copy 30 pages?
 (A) 10 hours (B) 12 hours
 (C) 9 hours (D) 13 hours
104. Rajesh is in-charge of buying bread rolls and buns for a party. There are 10 buns in each box of buns and 8 bread rolls in each box of bread rolls. Rajesh wants to buy exactly the same number of buns and bread rolls. What is the smallest number of boxes he should buy for buns alone?
 (A) 5 (B) 10
 (C) 8 (D) 4
105. Simplify $\sqrt{1 + \left(\frac{x^4 - 1}{-2x^2}\right)^2}$
 (A) $\frac{x^4 - 1}{2x^2}$ (B) $\frac{x^4 + 1}{2x^2}$
 (C) $\frac{\sqrt{x^2 + 1}}{2x^2}$ (D) $\frac{x^4 + 2x^2 - 1}{2x^2}$
106. A cloth merchant has announced 25% rebate on marked price. If one needs to have a rebate of ₹ 40, then how many shirts, each with a marked price of ₹ 32, should he purchase?
 (A) 6 (B) 7
 (C) 8 (D) 5
107. One dozen pairs of socks quoted at ₹ 160 are available at a discount of 10%. Find how many pairs of socks can be bought for ₹ 60.
 (A) 7 pairs (B) 6 pairs
 (C) 8 pairs (D) 5 pairs
108. A machine is marked at ₹ 7,500 for sale. The shopkeeper allows successive discounts of 8%, 5% and 2% on it. The net selling price (in ₹) is
 (A) 6,423.90 (B) 6,427.50
 (C) 6,415.40 (D) 6,400.30
109. The surface area of two spheres are in the ratio of 4:9. What is the ratio of their volumes?
 (A) 4:9 (B) 8:27
 (C) 16:81 (D) 2:3
110. On increasing the diameter of a circle by 75% the percentage increase in the perimeter is
 (A) 70% (B) 75%
 (C) 80% (D) 65%
111. If the perimeter of an equilateral triangle is 42 cm, its area, in sq. cm, will be
 (A) $14\sqrt{3}$ (B) $24\sqrt{3}$
 (C) $49\sqrt{3}$ (D) $7\sqrt{3}$
112. A square lawn has a path 4 m wide around it. If the area of the path is 196 m^2 , then each side of the lawn is
 (A) 8 m (B) 7.25 m
 (C) 9.25 m (D) 8.25 m

113. A train 120 m long runs through a station at the speed of 54 km/hr. The time taken by the train to pass a man standing on the platform is
- (A) 6 sec (B) 7 sec
(C) 8 sec (D) 5 sec
114. The ratio of the first and second class fares between two stations is 4 : 1 and that of the number of passengers travelling by the first and second class is 1 : 40. If ₹ 11,000 is collected as total fare, then the amount collected from the first class passengers is
- (A) ₹ 1,000 (B) ₹ 1,375
(C) ₹ 3,150 (D) ₹ 800
115. The average age of three boys is 15 years. If their ages are in the ratio of 3 : 5 : 7, then the age of the youngest boy (in years) is
- (A) 15 (B) 18
(C) 21 (D) 9
116. Of three numbers, the first is twice the second and the second is thrice the third. If the average of the three numbers is 10, then the largest number is
- (A) 15 (B) 12
(C) 18 (D) 30
117. A man purchased a car for ₹ 1,35,000 and spent ₹ 25,000 on repairs. At what price was the car sold if he suffered 10% loss on it?
- (A) ₹ 1,50,000 (B) ₹ 1,76,000
(C) ₹ 1,44,000 (D) ₹ 1,21,500
118. In the certain examination, 77% candidates passed in English and 34% failed in Mathematics. If 13% failed in both the subjects and 784 candidates passed in both the subjects, then the total number of candidates was
- (A) 1400 (B) 1600
(C) 1800 (D) 1200
119. If $x + \frac{1}{x} = 1$, ($x \neq 0$), then the value of $\frac{x^2 + 3x + 1}{x^2 + 7x + 1}$ is
- (A) $\frac{1}{2}$ (B) 1
(C) 2 (D) 0
120. If $a + b + c = 0$, find the value of $\frac{1}{a^3} + \frac{1}{b^3} + \frac{1}{c^3} + \frac{1}{(a+b)^3} + \frac{1}{(b+c)^3} + \frac{1}{(c+a)^3}$.
- (A) 0 (B) -1
(C) 3abc (D) 1
121. If $x + y = 4$ and $\frac{1}{x} + \frac{1}{y} = 4$, then the value of $x^3 + y^3$ is
- (A) 25 (B) 52
(C) 64 (D) 4
122. $(a^2 + 2a)^2 + 12(a^2 + 2a) - 45$ can be expressed as
- (A) $(a + 1)(a - 3)(a^2 + 2a + 15)$
(B) $(a - 1)(a - 3)(a^2 + 2a + 15)$
(C) $(a - 1)(a + 3)(a^2 + 2a + 15)$
(D) $(a + 1)(a + 3)(a^2 + 2a + 15)$
123. A, B and C start together from the same point to travel around a circular island 30 km in circumference. A and B are travelling in the same direction and C is in the opposite direction. If A travels 5 km, B travels 7 km and C travels 8 km in an hour, then they all come together again after
- (A) 20 hours (B) 25 hours
(C) 30 hours (D) 15 hours
124. At what rate will a sum of ₹ 1,000 amount to ₹ 1,102.50 in 2 years at compound interest?
- (A) 5.5% (B) 6%
(C) 6.5% (D) 5%

125. If in a triangle ABC, AB is smaller than AC, then $AC - AB$ is
 (A) $> BC$ (B) $= BC$
 (C) $< \frac{1}{2} AC$ (D) $< BC$
126. If $x = 3 + 2\sqrt{2}$, then the values of $x^3 + \frac{1}{x^3}$ and $x^3 - \frac{1}{x^3}$ are respectively
 (A) $198, 140\sqrt{2}$
 (B) $140\sqrt{2}, 198$
 (C) $234, 216$
 (D) $216, 234$
127. Given that $a + b + c = 2$ and $ab + bc + ca = 1$, then the value of $(a + b)^2 + (b + c)^2 + (c + a)^2$ is
 (A) 8 (B) 10
 (C) 16 (D) 6
128. If $x^2 + 4x + 3 = 0$, then the value of $\frac{x^3}{x^6 + 27x^3 + 27}$ is
 (A) $\frac{1}{2}$ (B) -1
 (C) $-\frac{1}{2}$ (D) 1
129. Find the area of the triangle formed by the graph $F = \frac{9C}{5} + 32$ with the F-axis and C-axis.
 (A) $\frac{2560}{9}$ sq. unit
 (B) $\frac{2760}{9}$ sq. unit
 (C) $\frac{2460}{9}$ sq. unit
 (D) $\frac{2860}{9}$ sq. unit
130. In a ΔABC , $\angle A - \angle B = 20^\circ$, $\angle B - \angle C = 32^\circ$. Then the $\angle A$ is
 (A) 80° (B) 84°
 (C) 90° (D) 75°
131. The bisector of $\angle BAC$ of ΔABC cuts BC at D and the circumcircle of the triangle at E. If $DE = 3$ cm, $AC = 4$ cm and $AD = 5$ cm, then the length of AB is
 (A) 8 cm (B) 9 cm
 (C) 10 cm (D) 7 cm
132. In two triangles ABC and PQR, $\overline{BC} = \overline{QR}$, $\overline{AB} = \overline{PQ}$ and extended $m \angle ABD = 120^\circ$ and extended $m \angle PQS = 120^\circ$. Then by which condition are the two triangles congruent?
 (A) Side - Side - Side
 (B) Side - Angle - Side
 (C) Angle - Side - Side
 (D) Angle - Side - Angle
133. If an equilateral triangle ABC is inscribed in a circle with centre at O, then $\angle BOC$, $\angle COA$ and $\angle AOB$ are respectively
 (A) $80^\circ, 120^\circ, 160^\circ$
 (B) $50^\circ, 60^\circ, 70^\circ$
 (C) $120^\circ, 120^\circ, 120^\circ$
 (D) $60^\circ, 60^\circ, 60^\circ$
134. Radii of two circles are 6.3 cm and 3.6 cm. If they touch each other internally, then the distance between their centres is
 (A) 10.1 cm (B) 9.1 cm
 (C) 2.7 cm (D) 3.7 cm
135. There is a circle of radius 5 cm and the perpendicular distance from the centre of the circle to the chord of the circle is 3 cm. Then the length of the chord is
 (A) 4 cm (B) 6 cm
 (C) 5 cm (D) 8 cm

136. The angle subtended at the centre of a circle by an arc length equal in length to the radius of the circle is defined as

- (A) one degree (B) one radian
(C) 90 degrees (D) one grade

137. If $\sin x + \sin^2 x = 1$, then the value of $\cos^2 x + \cos^4 x$ is

- (A) 1.5 (B) 2
(C) 2.5 (D) 1

138. $\sqrt{\frac{1 + \sin \theta}{1 - \sin \theta}}$ is equal to

- (A) $\operatorname{cosec} \theta - \cot \theta$
(B) $\sec \theta + \tan \theta$
(C) $\sec \theta - \tan \theta$
(D) $\operatorname{cosec} \theta + \cot \theta$

139. If $\tan \theta = \frac{3}{4}$ and $0 < \theta < \frac{\pi}{2}$ and $25x \sin^2 \theta \cos \theta = \tan^2 \theta$, then the value of x is

- (A) $\frac{5}{64}$ (B) $\frac{7}{64}$
(C) $\frac{9}{64}$ (D) $\frac{3}{64}$

140. A kite flying at a height of 45 m from the level ground is attached to a string inclined at 60° to the horizontal. The length of the string is

- (A) $30\sqrt{2}$ m (B) $\frac{30}{\sqrt{2}}$ m
(C) $30\sqrt{5}$ m (D) $30\sqrt{3}$ m

141. If $a \sec \theta = x$ and $b \tan \theta = y$, then how are x and y connected with a and b?

- (A) $b^2 x^2 + a^2 y^2 = a^2 b^2$
(B) $a^2 x^2 - b^2 y^2 = a^2 b^2$
(C) $b^2 x^2 - a^2 y^2 = a^2 b^2$
(D) $a^2 x^2 + b^2 y^2 = a^2 b^2$

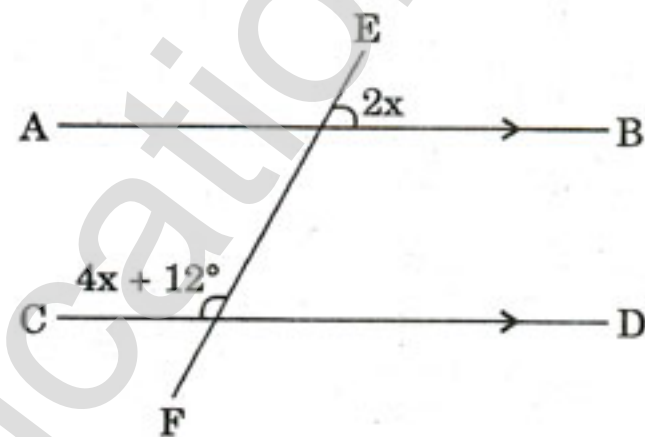
142. $\frac{\tan A + \tan B}{\cot A + \cot B}$ is equal to

- (A) $\tan A \tan B$ (B) $\sec A \operatorname{cosec} B$
(C) $\cot A \cot B$ (D) None of these

143. The value of a sector in a pie-chart is equal to

- (A) $\frac{\text{Angle of the sector}}{180^\circ} \times 100$
(B) $\frac{\text{Angle of the sector}}{360^\circ} \times 100$
(C) $\frac{\text{Angle of the sector}}{360^\circ} \times \text{Total value of the data}$
(D) $\frac{\text{Angle of the sector}}{180^\circ} \times \text{Total value of the data}$

144. In the figure, $AB \parallel CD$ and EF intersects them. Then the value of x is

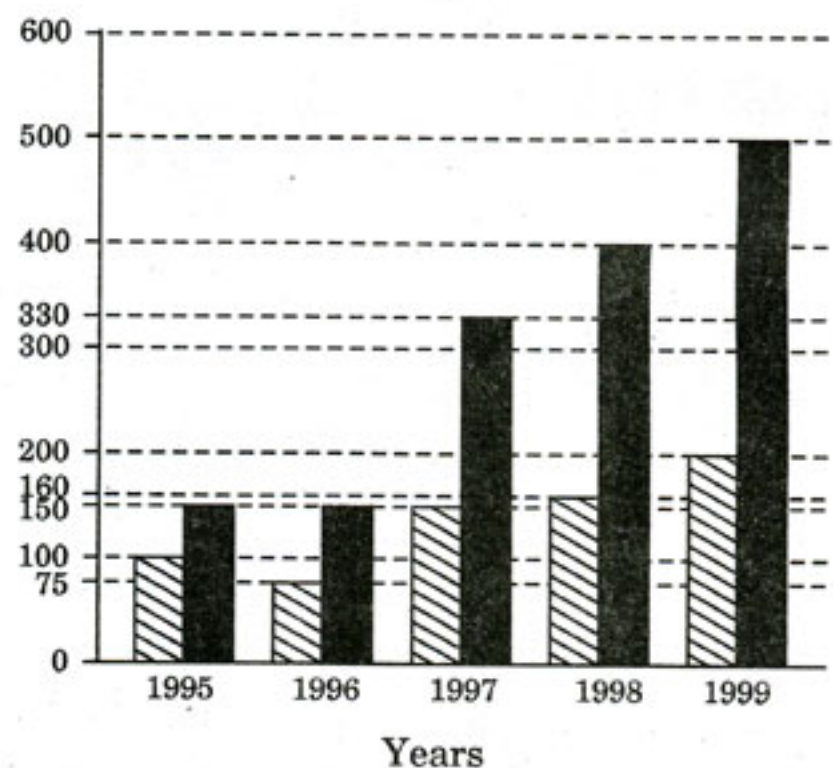


- (A) 24° (B) 18°
(C) 14° (D) 28°

Directions : Study the following chart and answer the questions no. 145 to 150.

Export of Aluminium Boxes

- Quantity in lakh boxes
 Value in crores of rupees



145. What is the difference in lakhs between the boxes exported in the years 1997 and 1998 ?

- (A) 1000 (B) 100000
(C) 1000000 (D) 10

146. What was the approximate percentage increase in export value from the years 1995 to 1999 ?

- (A) 333.3
(B) 200
(C) 375
(D) None of these

147. What was the percentage drop in export quantity from the years 1995 to 1996 ?

- (A) 50
(B) 25
(C) 75
(D) None of these

148. If in the year 1998, the boxes were exported at the same rate per box as that in 1997, what would be the value (in crores of ₹) of export in 1998 ?

- (A) 375 (B) 330
(C) 400 (D) 352

149. What is the difference between boxes (in lakhs) exported in the years 1996 and 1997 ?

- (A) 100
(B) 25
(C) 50
(D) None of the above

150. In which year was the value per aluminium box the minimum ?

- (A) 1995 (B) 1996
(C) 1998 (D) 1999

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144. If 35% of a number is 175, what percentage of 175 is the number ?

- (A) 135% (B) 210%
(C) 285.71% (D) 65%

145. A man sold a radio-set at ₹ 990 at a profit of 10%. At what price should the set be sold so as to gain 20% ?

- (A) ₹ 1,050 (B) ₹ 1,000
(C) ₹ 1,080 (D) ₹ 1,100

146. What should be added to 11216 to make it exactly divisible by 11 ?

- (A) 4 (B) 9
(C) 10 (D) 1

147. $\frac{\sqrt{24} + \sqrt{216}}{\sqrt{96}} = ?$

- (A) $2\sqrt{6}$ (B) $6\sqrt{2}$
(C) $\frac{2}{\sqrt{6}}$ (D) 2

148. The value of

$$\frac{160}{2 \times 7} + \frac{160}{7 \times 12} + \frac{160}{12 \times 17} + \frac{160}{17 \times 22} + \frac{160}{22 \times 27} + \frac{160}{27 \times 32}$$

is

- (A) 15 (B) 13
(C) 11 (D) 17

149. If $\frac{100\sqrt{25}}{\sqrt{25+x}} = 50$, then the value of x is

- (A) $\frac{1}{\sqrt{25}}$ (B) $\sqrt{25}$
(C) $\frac{1}{25}$ (D) 25

150. The average age of two brothers is nine years. It is increased by nine years when their mother is included. Find the age of the mother.

- (A) 30 years (B) 40 years
(C) 32 years (D) 36 years

PART D : ENGLISH COMPREHENSION

Directions : In questions no. 151 to 155, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error and blacken the oval (●) corresponding to the appropriate letter (A, B, C). If a sentence is free from error, blacken the oval corresponding to (D) in the Answer Sheet.

151. He was / a learnt man among lords, / and a lord among learned men. / No error.
 (A) (B) (C) (D)
152. With our great annoyance / we found the ground / filled with broken glasses. / No error.
 (A) (B) (C) (D)
153. The new device / aims at eliminating / the risk of short-circuiting. / No error.
 (A) (B) (C) (D)
154. I wish to heartily / congratulate you for / your astounding success. / No error.
 (A) (B) (C) (D)
155. The visitor took the vacant seat / next from mine — / one of the many huge sofas in the room. /
 (A) (B) (C)
 No error.
 (D)

Directions : In questions no. 156 to 160, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four and indicate it by blackening the appropriate oval (●) in the Answer Sheet.

156. This practice was brought _____ to prevent certain abuses.
 (A) in (B) down
 (C) off (D) about
157. This package was supposed _____ yesterday.
 (A) to deliver
 (B) to be delivering
 (C) not to be delivered
 (D) to have been delivered
158. Her true feelings manifested themselves in her sarcastic remarks, only then was her _____ revealed.
 (A) bitterness (B) sarcasm
 (C) charm (D) sweetness
159. The book provides an overview of European wines that should prove inviting to both the virtual _____ and the experienced connoisseur.
 (A) novice (B) zealot
 (C) glutton (D) prodigal

160. The sun is shining brightly, please _____ the light.

- (A) put out (B) take off
 (C) put on (D) put off

Directions : In questions no. 161 to 163, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

161. Garble
 (A) Explain (B) Confuse
 (C) Hide (D) Communicate
162. Brutalize
 (A) Strike (B) Stir
 (C) Ill-treat (D) Devise
163. Pinnacle
 (A) Pit (B) Capsule
 (C) Heart (D) Summit

Directions : In questions no. 164 to 166, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

164. Cease
 (A) Confiscate (B) Abandon
 (C) Initiate (D) Confront
165. Denounce
 (A) Praise (B) Signify
 (C) Confirm (D) Grant
166. Seamy
 (A) Sincere (B) Honest
 (C) Pure (D) Unpleasant

Directions : In questions no. 167 to 171, four alternatives are given for the Idiom/Phrase underlined in the sentence. Choose the alternative which best expresses the meaning of the Idiom/Phrase and mark it in the Answer Sheet.

167. You have been trying to solve this puzzle for a long time, be careful so that you avoid barking up the wrong tree.
 (A) climbing the wrong tree
 (B) trying to solve problems
 (C) trying to find something at a wrong place
 (D) keep working constantly
168. I'll be able to do my job very well when I know the ropes.
 (A) gain confidence
 (B) become bolder
 (C) work in silence
 (D) learn the procedures
169. The secretary's thoughtless remark added fuel to the fire.
 (A) prevented the situation
 (B) added humour to the situation
 (C) worsened the difficult situation
 (D) helped in improving the situation
170. He could not get money from his master because he rubbed him up the wrong way.
 (A) advised him to be strict
 (B) irked or irritated him
 (C) asked him to speed up
 (D) suggested a wrong method
171. Ask Mr. Das. He can give you all the news you need : he is always in the swim.
 (A) well-informed and up-to-date
 (B) giving news to others
 (C) at the swimming pool
 (D) in search of news

Directions : In questions no. 172 to 181, a sentence/a part of the sentence is underlined. Below are given alternatives to the underlined part at (A), (B), (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (D). Mark your answer in the Answer Sheet.

172. The butler was as devoted as a faithful dog.
 (A) a faithful pet
 (B) a faithful friend
 (C) a faithful cat
 (D) No improvement
173. The government representative furnished the reporters all details.
 (A) furnished reporters all details
 (B) furnished the reporters with all the details
 (C) provided the reporters all details
 (D) No improvement
174. It was raining so heavily yesterday that I could not move out for my usual walk.
 (A) I could not move for my usual walk
 (B) I could not go to my usual walk
 (C) I could not go out for my usual walk
 (D) No improvement
175. Ram filled ink into his pen before leaving for school.
 (A) filled his pen with ink
 (B) filled ink on his pen
 (C) filled ink in his pen
 (D) No improvement
176. The toys he bought for Suzy are too good to be cheap.
 (A) are so good that to be cheap
 (B) were so good to be cheap
 (C) are so much good to be cheap
 (D) No improvement
177. I did one mistake in the dictation test today.
 (A) I did a mistake in
 (B) I did a mistake at
 (C) I made a mistake in
 (D) No improvement
178. John has been detained at a meeting.
 (A) on a meeting
 (B) in meeting
 (C) by the meeting
 (D) No improvement

179. To his astonishment and admiration he got the information that it was only the picture of a curtain.
 (A) saw clearly
 (B) received the information
 (C) found
 (D) No improvement
180. He denied that he had not forged my signature.
 (A) had forged (B) did not forge
 (C) would not forge (D) No improvement
181. There is an error in grammar in this sentence.
 (A) a grammar error
 (B) a grammatical error
 (C) a written error
 (D) No improvement

Directions : In questions no. 182 to 188, out of the four alternatives, choose the one which can be substituted for the given words/sentence and indicate it by blackening the appropriate oval (●) in the Answer Sheet.

182. Materials that change naturally by the action of bacteria
 (A) Biodegradable (B) Inflammable
 (C) Perishable (D) Biological
183. Having a stale smell or taste
 (A) Tepid (B) Rancid
 (C) Insipid (D) Savoury
184. A wooden object used for connecting animals that are pulling a vehicle
 (A) Yoke (B) Rein
 (C) Leash (D) Whip
185. A man who knows a lot about things like food, music and art
 (A) Connoisseur (B) Priest
 (C) Optimist (D) Hostage
186. A doctor who specializes in diseases of the nose
 (A) Podiatrist (B) Rhinologist
 (C) Otologist (D) Pathologist
187. Study of caves
 (A) Numismatics (B) Speleology
 (C) Seismology (D) Topology
188. Government by the few
 (A) Anarchy (B) Oligarchy
 (C) Autocracy (D) Monarchy

Directions : In questions no. 189 and 190, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

189. (A) Inteligibility (B) Inteligibely
 (C) Inteligibillity (D) Intelligibility
190. (A) Extripaite (B) Exterpate
 (C) Extirpeit (D) Extirpate

Directions : In questions no. 191 to 200, you have two brief passages with 5 questions following each passage. Read the passages carefully and choose the best answer to each question out of the four alternatives and mark it by blackening the appropriate oval (●) in the Answer Sheet.

Passage I (Q. No. 191 to 195)

A crucial element that defines the soap opera is the open-ended nature of the narrative, with stories spanning several episodes. One of the defining features that makes a television program a soap opera, according to Albert Moran, is "that form of television that works with a continuous open narrative. Each episode ends with a promise that the storyline is to be continued in another episode." In 2012, Robert Lloyd of the *Los Angeles Times* wrote of daily dramas, "Although melodramatically eventful, soap operas such as this also have a luxury of space that makes them seem more naturalistic; indeed, the economics of the form demand long scenes, and conversations that a 22-episodes-per-season weekly series might dispense with in half a dozen lines of dialogue may be drawn out, as here, for pages. You spend more time even with the minor characters; the apparent villains grow less apparently villainous."

Soap opera storylines run concurrently, intersect and lead into further developments. An individual episode of a soap opera will generally switch between several different concurrent narrative threads that may at times interconnect and affect one another or may run entirely independent of each other. Evening soap operas and serials that run for only a part of the year tend to bring things to a dramatic end-of-season cliffhanger.

191. Soap operas that run for a part of the year usually end in
 (A) a sequence (B) a cliff
 (C) an episode (D) a cliffhanger

192. What does the author mean by the open-ended nature of soap operas ?
 (A) Consecutive episodes have no connection
 (B) Each episode ends with a promise that the storyline is to be continued in another episode
 (C) Every episode has a different story
 (D) Every episode ends abruptly
193. A soap opera has the space for it to be more
 (A) tragic (B) artistic
 (C) naturalistic (D) dramatic
194. The economics of a soap opera form demands for it to have
 (A) promising storylines
 (B) long scenes
 (C) luxurious space
 (D) melodramatic events
195. An individual episode of a soap opera generally switches between
 (A) different concurrent narrative threads.
 (B) more time spent with minor characters.
 (C) apparent villains that grow less apparent villainous.
 (D) successive intersections of events.

Passage II (Q. No. 196 to 200)

Two or three days and nights went by; I reckon I might say they swum by, they slid along so quiet and smooth and lovely. Here is the way we put it in the time. It was a monstrous big river down there — sometimes a mile and a half wide; we ran nights, and laid up and hid daytimes; soon as night was most gone we stopped navigating and tied up — nearly always in the dead water under a towhead; and then cut young cottonwoods and willows, and hid the raft with them. Then we set out the lines. Next we slid into the river and had a swim, so as to freshen up and cool off; then we set down on the sandy bottom where the water was about knee deep, and watched the daylight come. Not a sound anywhere — perfectly still — just like the whole world was asleep, only sometimes the bullfrogs a-cluttering, maybe. The first thing to see, looking away over the water, was a kind of dull line — that was the woods on t'other side; you couldn't make nothing else out; then a pale place in the sky; then more paleness spreading around; then

the river softened up away off, and warn't black any more, but gray; you could see little dark spots drifting along ever so far away — trading scows, and such things; and long black streaks — rafts; sometimes you could hear a sweep creaking; or jumbled up voices, it was so still, and sounds come so far; and by and by you could see a streak on the water which you know by the look of the streak that there's a snag there in a swift current which breaks on it and makes that streak look that way.

196. In the stillness of the night
 (A) a sweep creaking or jumbled up voices could be heard
 (B) sounds come so far
 (C) the bullfrogs also were asleep
 (D) the whole world was asleep
197. The streak on the water looks as it does because
 (A) the streak has been swept by the swift current.
 (B) the swift current has broken the streak.
 (C) the streak has been swept by the swift current to the shore.
 (D) of a snag there in the swift current which breaks on it.
198. How did the days and nights go by, according to the writer ?
 (A) They slid along so quietly and smooth and softly.
 (B) They slid along so quiet and smooth and lovely.
 (C) They slid along so smooth and quietly.
 (D) They slid along so smooth and soft and quietly.
199. They stopped navigating
 (A) at dawn (B) at night
 (C) at dusk (D) at daytime
200. After a swim in the moor they
 (A) set down on the sandy bottom and watched the daylight come.
 (B) set down on the sandy bottom where the water was about ankle deep, and watched the daylight come.
 (C) set down on the sandy bottom where the water was about knee deep, and watched the daylight come.
 (D) set down on the sandy shore and watched the daylight come.