

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.
232 NK 4

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 अंग्रेज़ी 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 : अंग्रेज़ी परिज्ञान (50 प्रश्न)
- अंग्रेज़ी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेज़ी विवरण मान्य होगा।
- सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं।
- प्रश्न-पत्र में नकारात्मक अंकन होगा। हर ग़लत 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 जाएँ, 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।
- ऊपर 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 रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है। रफ़ कार्य के लिए स्थान प्रश्नों के नीचे दिया गया है।
- "परीक्षा हॉलों/कमरों में मोबाइल फ़ोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। उम्मीदवारों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फ़ोन/किसी अन्य बेतार संचार साधन को स्विच ऑफ़ 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।"

PART A : GENERAL INTELLIGENCE & REASONING

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

1. Seismometer : Earthquakes :: Thermometer : ?
 (A) Fever (B) Doctor
 (C) Mercury (D) Temperature
2. Play : Actor :: Concert : ?
 (A) Musician (B) Piano
 (C) Percussion (D) Symphony
3. DLIP : FNKR :: JROV : ?
 (A) NVSZ (B) KSPW
 (C) MURY (D) LTQX
4. YAWC : UESG :: QIOK : ?
 (A) MINC (B) MIKE
 (C) MMKO (D) KOME
5. 17 : 24 :: 153 : ?
 (A) 118 (B) 198
 (C) 213 (D) 216
6. 23 : 13 :: 54 : ?
 (A) 44 (B) 39
 (C) 40 (D) 41

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

7. (A) Kiwi (B) Eagle
 (C) Emu (D) Penguin
8. (A) Dodge (B) Flee
 (C) Duck (D) Avoid
9. (A) 16 (B) 80
 (C) 36 (D) 96
10. (A) 74, 7 (B) 97, 9
 (C) 41, 4 (D) 83, 6
11. (A) CEFI (B) GLJM
 (C) LNOR (D) TRPS

12. In the following series, how many HIG occur in such a way that 'T' is in the middle and 'H' and 'G' are adjacent to it on both sides?

GGHIHIIGGJKLMGIHIG

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

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

- | | |
|-----------|-----------|
| 1. Indigo | 2. Red |
| 3. Violet | 4. Blue |
| 5. Green | 6. Yellow |
| 7. Orange | |

- (A) 1, 5, 6, 7, 3, 4, 2 (B) 3, 1, 4, 5, 6, 7, 2
 (C) 3, 1, 4, 5, 2, 6, 7 (D) 3, 1, 4, 5, 6, 2, 7

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

- | | |
|---------------|-------------|
| 1. Caricature | 2. Cardinal |
| 3. Carnivore | 4. Cartoon |
| 5. Category | |

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

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

R _ S _ PM _ KSB _ MRK _

- (A) RKSPM (B) BPSMP
 (C) KRKSP (D) KBRPS

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. ELFA, GLHA, ILJA, ?, MLNA

- (A) QLPA (B) KLMA
 (C) ILMA (D) KLLA

17. 3, 8, 18, 35, ?, 98

- (A) 41 (B) 51
 (C) 61 (D) 71

18. 2, 2, 4, 6, ?, 10, 8, 14, 10
 (A) 8 (B) 7
 (C) 6 (D) 5
19. Joan's age is 42 years and Kelvin's age is 26 years. How many years ago was Kelvin's age half of Joan's age?
 (A) 10 years (B) 8 years
 (C) 6 years (D) 4 years
20. L, M, N and O are brothers. L is darker than O. N is the fairest of all. M is fairer than O. Who is the darkest of all?
 (A) L (B) M
 (C) N (D) O
21. Anjali says, "He is the only son of the father of my sister's brother." How is that person related to Anjali?
 (A) Brother (B) Father
 (C) Uncle (D) Cousin
22. From the given alternative words, select the word which can be formed using the letters of the given word.
 FUNDAMENTAL
 (A) DETRIMENTAL
 (B) NOSE
 (C) TAME
 (D) FUNDS
23. From the given alternative words, select the word which **cannot** be formed using the letters of the given word.
 THERMODYNAMICS
 (A) MODERN
 (B) DYNAMO
 (C) MATHEMATICS
 (D) MOTHER

24. Some letters are given with numbers from 2 to 9. Select the sequence of numbers which arranges the letters into a meaningful word.
 N A E X I M O T N A I
 9 2 3 4 5 6 7 8 9 2 5
 (A) 3, 4, 2, 2, 6, 5, 9, 7, 8, 9, 5
 (B) 3, 4, 2, 6, 5, 9, 2, 8, 5, 7, 9
 (C) 3, 4, 6, 2, 9, 5, 8, 5, 2, 9, 7
 (D) 3, 6, 2, 4, 2, 9, 5, 7, 5, 9, 8
25. In a certain code, 'RATIONAL' is written as 'RTANIOLA'. How would 'TRIBAL' be written in the same code?
 (A) TRIALB (B) TIRALB
 (C) TIRLBA (D) TIRABL
26. If 'INDUS' is coded as '03865' and 'TENNIS' is coded as '243305', then what will be the code for 'STUDENT' ?
 (A) 5268432 (B) 5642832
 (C) 5628342 (D) 5648324
27. 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
+	-	÷	×	=	()	[]	≠		#		>	<		

 HEIGHT
 (A) = ÷ (× || = (B) = × (÷ = ||
 (C) = ÷ (× = || (D) = × (× = ||
28. In a school, the bell is rung once after each half an hour. The school starts at 8:00 a.m. and closes at 1:30 p.m. The bell is rung 3 times continuously, at the time of beginning, at the time of lunch break at 10:00 and 10:30 a.m. and at the end. How many times is the bell rung every day?
 (A) 19 (B) 20
 (C) 21 (D) 22

29. If '-' stands for 'division', '+' stands for 'multiplication', '÷' stands for 'subtraction', '×' stands for 'addition', then which one of the following equations is correct ?

- (A) $36 - 12 \times 6 \div 3 + 4 = 60$
 (B) $43 \times 7 \div 5 + 4 - 8 = 25$
 (C) $36 \times 4 - 12 + 5 \div 3 = 420$
 (D) $52 \div 4 + 5 \times 8 - 2 = 36$

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

$5 \odot 3 = -7; 3 \odot 7 = -11; 7 \odot 11 = ?$

- (A) -15 (B) 18
 (C) -59 (D) 77

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

$(\sqrt{121} * 9) * 5 * 4 * 1$

- (A) = + × ÷ (B) - × + =
 (C) - + × = (D) + ÷ × =

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

32.

3	8	7
9	6	3
2	?	12

- (A) 7 (B) 6
 (C) 4 (D) 3

33.

8	4	7
6	9	9
48	36	?
16	12	21

- (A) 42 (B) 63
 (C) 24 (D) 16

34.

2	4	3	2
9	7	6	5
?	33	27	21

- (A) 69 (B) 80
 (C) 77 (D) 35

35. A man is facing South. He turns 135° in the anticlockwise direction and then 180° in the clockwise direction. Which direction is he facing now ?

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

36. Raju cycled 10 km South from his house, turned right and went 5 km and again turned right and cycled 10 km and then turned left and cycled 10 km. How many kilometres will he have to cycle back to reach his house ?

- (A) 20 km (B) 15 km
 (C) 10 km (D) 5 km

37. Some statements are given followed by three conclusions I, II and III. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions if any, follow from the given statements. Indicate your answer.

Statements :

All chickens are birds. Some chickens are hens. Female birds lay eggs.

Conclusions :

- I. All birds lay eggs.
 II. Some hens are birds.
 III. Some chickens are not hens.

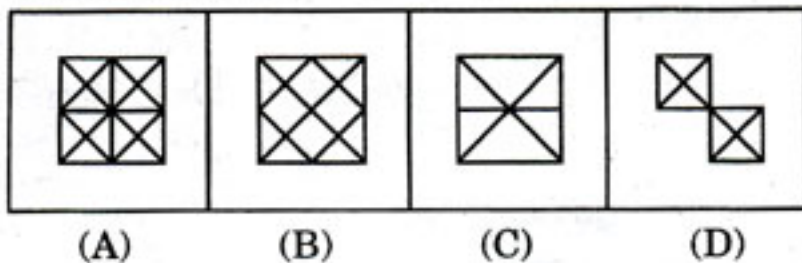
- (A) Only conclusion I follows
 (B) Only conclusion II follows
 (C) Conclusions II and III both follow
 (D) All conclusions I, II and III follow

38. "If a person is rich, he has a lot of influence."
What inference can you draw from the above statement?
(A) Ram has a lot of influence, so he is rich.
(B) Govind is not rich, so he does not have a lot of influence.
(C) Kamala is rich, so she has a lot of influence.
(D) Poor people cannot have influence.

39. Among the four answer figures, which one can be formed from the cut out pieces given below in the question figure?
Question figure :

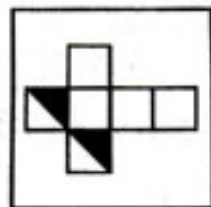


Answer figures :

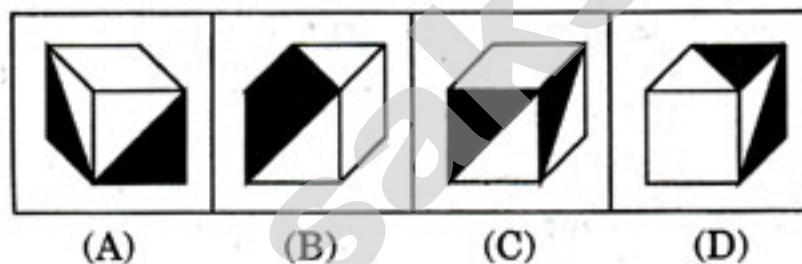


40. Choose the cube which will be formed on folding the given question figure.

Question figure :



Answer figures :

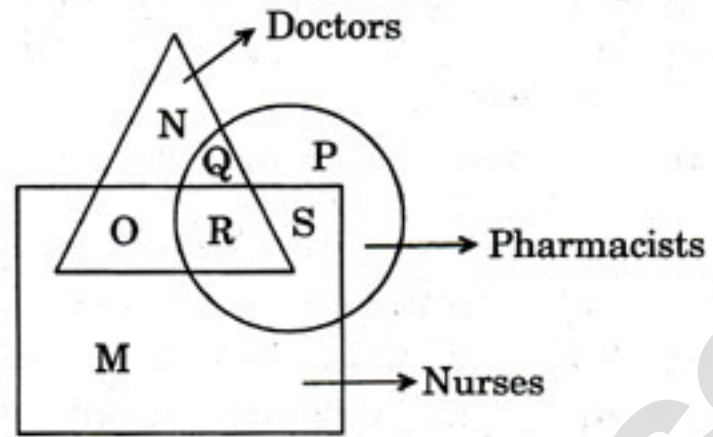


41. How many triangles are there in the given figure?



- (A) 9 (B) 10
(C) 11 (D) 12 or more

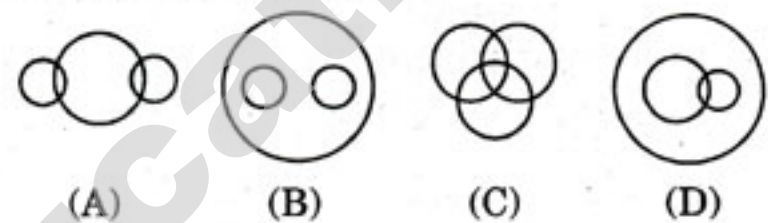
42. In the given figure, which letter represents those Nurses who are Doctors as well as Pharmacists?



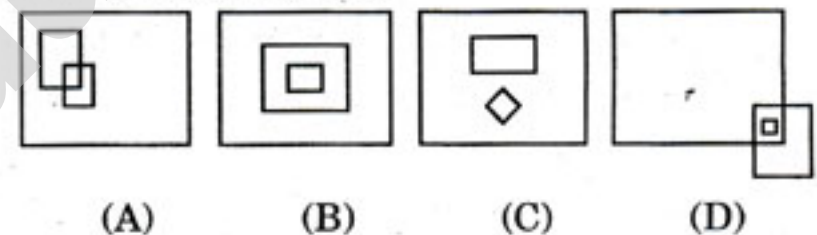
- (A) P (B) Q
(C) R (D) S

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

43. Profit, Dividend, Bonus

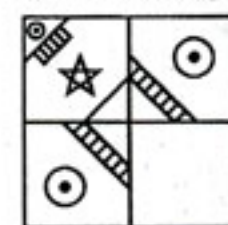


44. Duck, Penguin, Bird

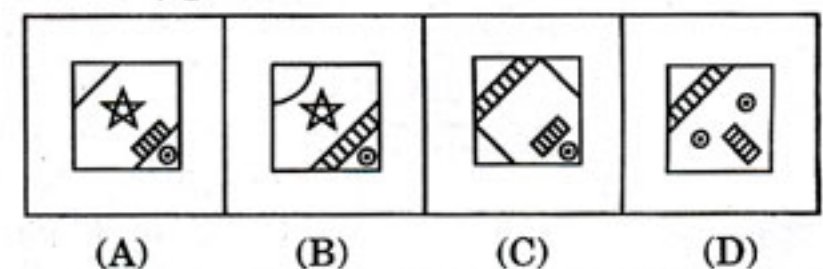


Directions : In questions no. 45 and 46, which answer figure will complete the pattern in the question figure?

45. Question figure :



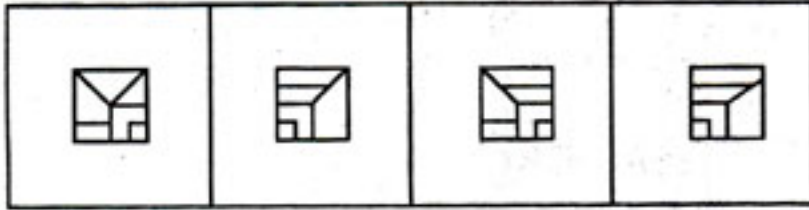
Answer figures :



46. Question figure :



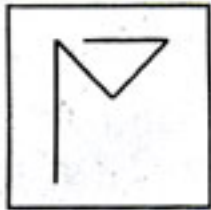
Answer figures :



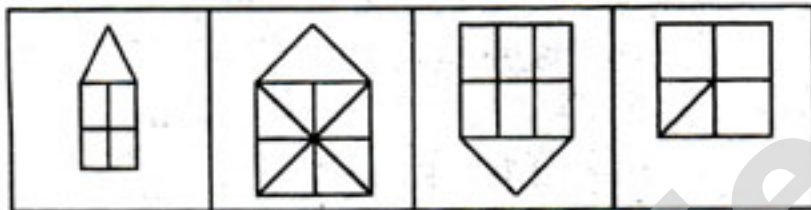
(A) (B) (C) (D)

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

Question figure :



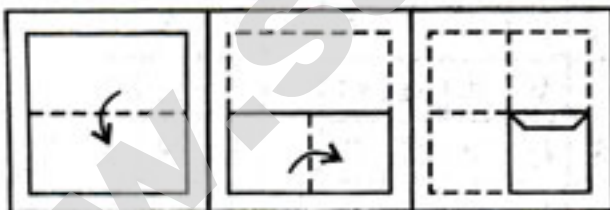
Answer figures :



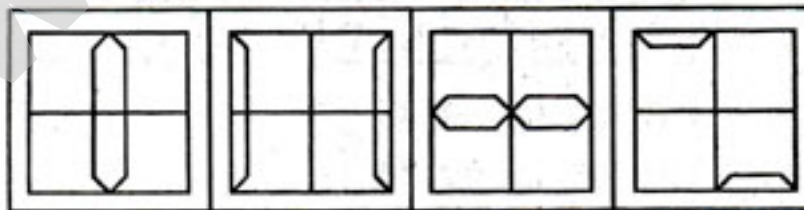
(A) (B) (C) (D)

48. 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 :



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

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

Question figure :



Answer figures :



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

50. 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 the 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., 'A' can be represented by 03, 34, 86, etc., and 'N' can be represented by 12, 65, 79, etc. Similarly, you have to identify the number set for the word given below :

REST

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) 10, 02, 69, 88
- (B) 55, 22, 99, 33
- (C) 55, 43, 23, 69
- (D) 98, 56, 31, 77

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39. 'Elated' is related to 'Despondent' in the same way as 'Enlightened' is related to
 (A) Aware
 (B) Ignorant
 (C) Miserable
 (D) Tolerant
40. Select the related word from the given alternatives.
 CAGE : 3175 :: ? : 8945
 (A) BIRD (B) TREE
 (C) HIDE (D) BEAK
41. Find the *wrong* number in the given number series.
 19, 26, 35, 44, 59, 74
 (A) 74 (B) 44
 (C) 35 (D) 26
42. Which answer word forms a necessary part of the given word ?
 'Hurricane'
 (A) Beach
 (B) Cyclone
 (C) Wind
 (D) Damage
43. If a DOVE costs ₹ 92, what would a PIGEON cost ?
 (A) ₹ 142 (B) ₹ 112
 (C) ₹ 122 (D) ₹ 132
44. Five persons A, B, C, D and E are sitting in a row facing you such that D is on the left of C and B is on the right of E. A is on the right of C and B is on the left of D. If E occupies a corner position, who is at the centre ?
 (A) A (B) B
 (C) C (D) D
45. It was a Tuesday on 1st April. What day was it on 28th June of the same year ?
 (A) Wednesday (B) Thursday
 (C) Saturday (D) Sunday
46. Which is the 4th number to the right of the number which is exactly in the middle of the following ?
 10 11 12 13 14 15 16 17 18 19 20
 21 22 23 24 25 26 27 28 29 30
 (A) 21 (B) 22
 (C) 20 (D) 24
47. Anita and Geeta are experts in dancing and music. Seeta and Geeta are experts in music and painting. Anita and Neeta are experts in debate and dancing. Neeta and Seeta are experts in painting and debate. Which girl/s is/are *not* expert(s) in painting ?
 (A) Anita only (B) Seeta only
 (C) Anita and Geeta (D) Neeta only
48. A frog fell into a hole that was $14\frac{1}{2}$ feet deep. It could jump 3 feet but it slides back 1 foot each time it jumps. In which jump does it get out of the hole ?
 (A) 7th jump (B) 9th jump
 (C) 14th jump (D) 13th jump
49. If every alternate letter, starting from B is deleted from the following alphabets, which of the following will be the tenth letter from the right end ?
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 (A) G (B) D
 (C) H (D) E
50. Soumalya scored 70 marks in an examination. He got higher marks than 90% of the students. If 4 students got higher than him, then what is the total number of students in the class ?
 (A) 45 (B) 50
 (C) 55 (D) 60

PART B : GENERAL AWARENESS

51. The word 'Oikonomia' means
(A) Political Management
(B) Fiscal Management
(C) Household Management
(D) Individual Management
52. The word 'Economics' is taken from which language ?
(A) German
(B) English
(C) French
(D) Greek
53. The famous economist Thomas Robert Malthus, in his views regarding population, is
(A) optimistic
(B) pessimistic
(C) partly optimistic and partly pessimistic
(D) None of the above
54. Non-insurable or uncertainty risk is
(A) flood
(B) change in the price of that commodity
(C) change in fashion
(D) fire
55. 'Gold Bullion Standard' refers to
(A) free coinage of gold
(B) no restriction on import and export of gold
(C) gold coin as an unlimited legal tender
(D) gold as the measure of value
56. Laws made by the executive are called
(A) Rule of Law
(B) Administrative Law
(C) Delegated Legislation
(D) Preferred Legislation
57. Who regarded the second chamber as needless, useless and worse ?
(A) Bentham (B) Seeley
(C) Laski (D) MacIver
58. The tenure of the Swiss President is
(A) 4 years (B) 1 year
(C) 3 years (D) 2 years
59. Which of the following is a merit of the Presidential form of Government ?
(A) The fixed tenure of the executive gives it a great sense of stability
(B) It safeguards the liberty of the people
(C) It ensures speedy execution of policies
(D) All of these
60. The two chambers of the Swiss Federal Assembly are called
(A) National Council and Council of States
(B) Senate and House of Representatives
(C) House of Lords and House of Commons
(D) None of the above
61. Name the Italian traveller who visited the Vijayanagar Empire in 1420 A.D.
(A) Nicolo de Conti
(B) Abdur Razzag
(C) Domingos Paes
(D) Edoardo Barbosa
62. Which one of the following dynasties established an independent rule in Bijapur ?
(A) Qutb Shahi (B) Adil Shahi
(C) Imad Shahi (D) Nizam Shahi

63. Who among the following enjoyed the patronage of Sultans from Balban to Ghiyas-ud-din Tughlaq ?
- (A) Zia-ud-din Barani
(B) Amir Khusrow
(C) Ibn Batutah
(D) Badauni
64. The Sufi movement originally started from
- (A) Lahore
(B) Kabul
(C) Persia
(D) Delhi
65. Humayun was driven out of Hindustan in 1540 A.D. after the battle of
- (A) Surajgarh (B) Kanauj
(C) Chausa (D) Dourah
66. Poly metallic nodules (also called manganese nodules) are found in concentrations
- (A) on lake beds
(B) in beach sands
(C) on continental shelves
(D) in deep ocean beds
67. Spot the odd item in the following :
- (A) Bolson (B) Ox-bow lake
(C) Meander (D) Delta
68. Kandla port is located at
- (A) Gulf of Khambat
(B) Gulf of Kutch
(C) Kori Creek
(D) None of the above
69. Which of the following forests grows in waterlogged areas ?
- (A) Deciduous (B) Coniferous
(C) Mangrove (D) Evergreen
70. Nag Tiba and Mahabharat ranges are included in
- (A) Greater Himalayas
(B) Lesser Himalayas
(C) Sub-Himalayas
(D) Trans-Himalayas
71. Pink mould is the common name for
- (A) *Neurospora* (B) *Mucor*
(C) *Aspergillus* (D) *Rhizopus*
72. The sleeping sickness is caused by
- (A) *Entamoeba* (B) *Trypanosoma*
(C) *Escherichia* (D) *Neisseria*
73. Haemolymph is observed in
- (A) Ascaris
(B) Annelids
(C) Arthropods
(D) Echinoderms
74. The virus without capsid but only with nucleic acids is called
- (A) Prion (B) Virion
(C) Capsomere (D) Nucleoid
75. The immunity caused by the B-lymphocytes is called
- (A) Cellular immunity
(B) Humoral immunity
(C) Sterile immunity
(D) Acquired immunity

76. Fungi that grow on bark are said to be
(A) Coprophilous (B) Corticolous
(C) Xylophilous (D) Saxicolous
77. To an astronaut in space the sky will appear to be
(A) Blue (B) Black
(C) Violet (D) Red
78. On a rainy day, small oily films on water show brilliant colours. This is due to
(A) Refraction (B) Polarisation
(C) Scattering (D) Dispersion
79. Natural Radioactivity was discovered by
(A) Henri Becquerel
(B) Enrico Fermi
(C) Rutherford
(D) Marie Curie
80. Rainbow formation is due to
(A) Ionisation of water droplets
(B) Refraction and reflection of sunlight by water droplets
(C) Absorption of sunlight by water droplets
(D) Diffusion of sunlight through water droplets
81. CAD stands for
(A) Computer Automatic Decode
(B) Computer Aided Design
(C) Computer Automatic Design
(D) Computer Aided Decode
82. Unix Operating System is generally known as
(A) Single User Operating System
(B) Single User Application Program
(C) Multi User Operating System
(D) General Application
83. Combustion is a
(A) Physical process
(B) Chemical process
(C) Physical and chemical process
(D) Biological process
84. Which of the following is *not* a form of carbon?
(A) Graphite (B) Charcoal
(C) Soot (D) Hematite
85. What is Dry Ice?
(A) Ice cubes and saw dust
(B) Ice cubes and salt
(C) Solid carbon dioxide
(D) Liquid nitrogen
86. The gas commonly used in advertisement sign-boards and decorative lights is
(A) Hydrogen (B) Neon
(C) Nitrogen (D) Chlorine
87. Flow of blood in dorsal blood vessel of Earthworm is
(A) Backward (B) Forward
(C) Sideward (D) Downward
88. Which of the following is biodegradable?
(A) Iron nails
(B) Plastic mugs
(C) Leather belts
(D) Silver foil

89. Hyperplasia means
(A) Excessive motility of muscle
(B) Voracious eating
(C) Abnormal increase in number of cells
(D) An increase in size of a cell
90. The part of root involved in water absorption is
(A) zone of cell division
(B) zone of root hairs
(C) zone of elongation
(D) zone of root cap
91. Who is the Prime Minister of Australia ?
(A) Tony Abbott
(B) Julia Gillard
(C) Kevin Rudd
(D) None of these
92. Which is the parent country of Mobile giant "Nokia" ?
(A) Spain (B) Germany
(C) Finland (D) Sweden
93. Where was the Joint G20 Finance and Labour Ministers Meeting held on 19 July, 2013 ?
(A) Moscow (B) London
(C) New York (D) Paris
94. Who holds the world record as the youngest person to climb Mount Everest ?
(A) Bachendri Pal
(B) Dicky Dolma
(C) Santosh Yadav
(D) Phu Dorjee
95. Who was appointed as the Chairperson of the National School of Drama on 19 August, 2013 ?
(A) Amal Allana (B) Ratan Thiyam
(C) Adly Mansour (D) Sasikumar Venkat
96. To which channel did the International Olympic Committee sell the broadcasting rights for 2014 and 2016 Olympics ?
(A) STAR India (B) Doordarshan
(C) Set Max (D) Zee Sports
97. Which is the largest man-made lake ?
(A) Govind Sagar (B) Rana Pratap Sagar
(C) Baikal (D) Wullar
98. Who took oath as the President of Iran on 4 August, 2013 ?
(A) Mohammad Bagher Ghalibaf
(B) Mahmoud Ahmadinejad
(C) Hassan Rouhani
(D) Mohammad Bashir Ahmad
99. Who was sworn in as the United States Ambassador to the United Nations by Joe Biden on 1 August, 2013 ?
(A) Zalmay Khalilzad
(B) Susan Rice
(C) Rosemary DiCarlo
(D) Samantha Power
100. Who won the Rogers Cup Women's Singles in Lawn Tennis in 2013 ?
(A) Maria Sharapova
(B) Serena Williams
(C) Victoria Azarenka
(D) Agnieszka Radwanska

PART C : QUANTITATIVE APTITUDE

101. 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) 4 (B) 5
(C) 10 (D) 8
102. Simplify $\sqrt{1 + \left(\frac{x^4 - 1}{-2x^2}\right)^2}$.
- (A) $\frac{x^4 + 2x^2 - 1}{2x^2}$ (B) $\frac{x^4 - 1}{2x^2}$
(C) $\frac{x^4 + 1}{2x^2}$ (D) $\frac{\sqrt{x^2 + 1}}{2x^2}$
103. 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) 15 days (B) 18 days
(C) 27 days (D) 12 days
104. 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) 50 (B) 100
(C) 110 (D) 75
105. 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) 13 hours (B) 10 hours
(C) 12 hours (D) 9 hours
106. On increasing the diameter of a circle by 75%, the percentage increase in the perimeter is
- (A) 65% (B) 70%
(C) 75% (D) 80%
107. If the perimeter of an equilateral triangle is 42 cm, its area, in sq. cm, will be
- (A) $7\sqrt{3}$ (B) $14\sqrt{3}$
(C) $24\sqrt{3}$ (D) $49\sqrt{3}$
108. 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) 8.25 m (B) 8 m
(C) 7.25 m (D) 9.25 m
109. 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) 5 (B) 6
(C) 7 (D) 8
110. 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) 5 pairs (B) 7 pairs
(C) 6 pairs (D) 8 pairs
111. 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) 6,400.30 (B) 6,423.90
(C) 6,427.50 (D) 6,415.40
112. The surface area of two spheres are in the ratio of 4 : 9. What is the ratio of their volumes ?
- (A) 2 : 3 (B) 4 : 9
(C) 8 : 27 (D) 16 : 81

113. 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) ₹ 800 (B) ₹ 1,000
 (C) ₹ 1,375 (D) ₹ 3,150
114. 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) 9 (B) 15
 (C) 18 (D) 21
115. 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) 30 (B) 15
 (C) 12 (D) 18
116. 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) ₹ 1,21,500 (B) ₹ 1,50,000
 (C) ₹ 1,76,000 (D) ₹ 1,44,000
117. 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) 1200 (B) 1400
 (C) 1600 (D) 1800
118. 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) 5 sec (B) 6 sec
 (C) 7 sec (D) 8 sec
119. 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) 15 hours (B) 20 hours
 (C) 25 hours (D) 30 hours
120. At what rate will a sum of ₹ 1,000 amount to ₹ 1,102.50 in 2 years at compound interest?
 (A) 5% (B) 5.5%
 (C) 6% (D) 6.5%
121. If $x + \frac{1}{x} = 1$, ($x \neq 0$), then the value of $\frac{x^2 + 3x + 1}{x^2 + 7x + 1}$ is
 (A) 0 (B) $\frac{1}{2}$
 (C) 1 (D) 2
122. 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) 1 (B) 0
 (C) -1 (D) 3abc
123. If $x + y = 4$ and $\frac{1}{x} + \frac{1}{y} = 4$, then the value of $x^3 + y^3$ is
 (A) 4 (B) 25
 (C) 52 (D) 64
124. $(a^2 + 2a)^2 + 12(a^2 + 2a) - 45$ 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) $(a - 1)(a + 3)(a^2 + 2a + 15)$

125. 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) 216, 234
(B) 198, $140\sqrt{2}$
(C) $140\sqrt{2}$, 198
(D) 234, 216
126. 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) 6 (B) 8
(C) 10 (D) 16
127. If $x^2 + 4x + 3 = 0$, then the value of $\frac{x^3}{x^6 + 27x^3 + 27}$ is
- (A) 1 (B) $\frac{1}{2}$
(C) -1 (D) $-\frac{1}{2}$
128. Find the area of the triangle formed by the graph $F = \frac{9C}{5} + 32$ with the F-axis and C-axis.
- (A) $\frac{2860}{9}$ sq. unit
(B) $\frac{2560}{9}$ sq. unit
(C) $\frac{2760}{9}$ sq. unit
(D) $\frac{2460}{9}$ sq. unit
129. If in a triangle ABC, AB is smaller than AC, then $AC - AB$ is
- (A) $< BC$ (B) $> BC$
(C) $= BC$ (D) $< \frac{1}{2} AC$
130. 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) 3.7 cm (B) 10.1 cm
(C) 9.1 cm (D) 2.7 cm
131. 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) 8 cm (B) 4 cm
(C) 6 cm (D) 5 cm
132. In a ΔABC , $\angle A - \angle B = 20^\circ$, $\angle B - \angle C = 32^\circ$. Then the $\angle A$ is
- (A) 75° (B) 80°
(C) 84° (D) 90°
133. 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) 7 cm (B) 8 cm
(C) 9 cm (D) 10 cm
134. 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) Angle - Side - Angle
(B) Side - Side - Side
(C) Side - Angle - Side
(D) Angle - Side - Side
135. 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) $60^\circ, 60^\circ, 60^\circ$
(B) $80^\circ, 120^\circ, 160^\circ$
(C) $50^\circ, 60^\circ, 70^\circ$
(D) $120^\circ, 120^\circ, 120^\circ$

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

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

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

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

138. 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 grade (B) one degree
 (C) one radian (D) 90 degrees

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

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

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

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

141. 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) $\frac{3}{64}$ (B) $\frac{5}{64}$
 (C) $\frac{7}{64}$ (D) $\frac{9}{64}$

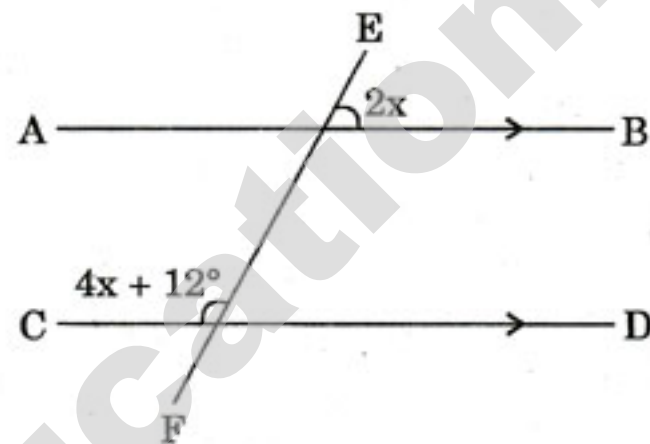
142. A kite flying at a height of 45 m from the level ground is attached to a string inclined at 60° to the horizontal. The length of the string is

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

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

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

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

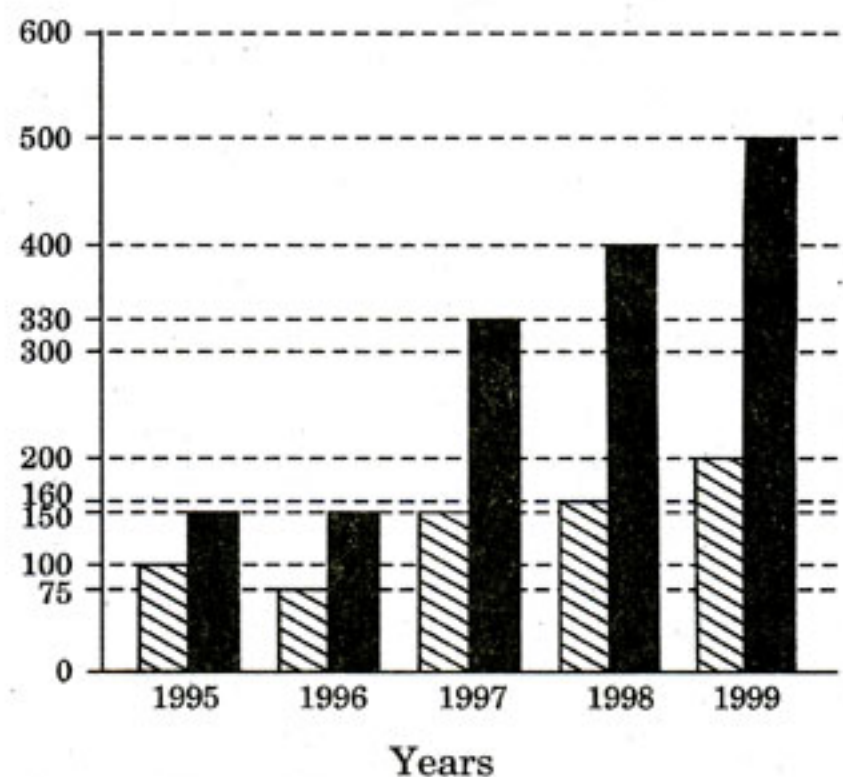


- (A) 28° (B) 24°
 (C) 18° (D) 14°

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. In which year was the value per aluminium box the minimum ?
 (A) 1999 (B) 1995
 (C) 1996 (D) 1998
146. What is the difference in lakhs between the boxes exported in the years 1997 and 1998 ?
 (A) 10 (B) 1000
 (C) 100000 (D) 1000000
147. What was the approximate percentage increase in export value from the years 1995 to 1999 ?
 (A) 375
 (B) 333.3
 (C) 200
 (D) None of these
148. What was the percentage drop in export quantity from the years 1995 to 1996 ?
 (A) 75
 (B) 50
 (C) 25
 (D) None of these
149. 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) 352 (B) 375
 (C) 330 (D) 400
150. What is the difference between boxes (in lakhs) exported in the years 1996 and 1997 ?
 (A) 50
 (B) 100
 (C) 25
 (D) None of the above

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144. $\frac{\sqrt{24} + \sqrt{216}}{\sqrt{96}} = ?$
 (A) 2 (B) $2\sqrt{6}$
 (C) $6\sqrt{2}$ (D) $\frac{2}{\sqrt{6}}$
145. 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) 17 (B) 15
 (C) 13 (D) 11
146. If $\frac{100\sqrt{25}}{\sqrt{25+x}} = 50$, then the value of x is
 (A) 25 (B) $\frac{1}{\sqrt{25}}$
 (C) $\sqrt{25}$ (D) $\frac{1}{25}$
147. 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) 36 years (B) 30 years
 (C) 40 years (D) 32 years
148. If 35% of a number is 175, what percentage of 175 is the number ?
 (A) 65% (B) 135%
 (C) 210% (D) 285.71%
149. 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) ₹ 1,100 (B) ₹ 1,050
 (C) ₹ 1,000 (D) ₹ 1,080
150. What should be added to 11216 to make it exactly divisible by 11 ?
 (A) 1 (B) 4
 (C) 9 (D) 10

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. With our great annoyance / we found the ground / filled with broken glasses. / No error.

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

152. The new device / aims at eliminating / the risk of short-circuiting. / No error.

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

153. I wish to heartily / congratulate you for / your astounding success. / No error.

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

154. The visitor took the vacant seat / next from mine — / one of the many huge sofas in the room. /

- (A) (B) (C)

No error.

- (D)

155. He was / a learnt man among lords, / and a lord among learned men. / No error.

- (A) (B) (C) (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. The book provides an overview of European wines that should prove inviting to both the virtual _____ and the experienced connoisseur.

- (A) prodigal (B) novice
(C) zealot (D) glutton

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

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

158. This practice was brought _____ to prevent certain abuses.

- (A) about (B) in
(C) down (D) off

159. This package was supposed _____ yesterday.

- (A) to have been delivered
(B) to deliver
(C) to be delivering
(D) not to be delivered

160. Her true feelings manifested themselves in her sarcastic remarks, only then was her _____ revealed.

- (A) sweetness (B) bitterness
(C) sarcasm (D) charm

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. Brutalize

- (A) Devise (B) Strike
(C) Stir (D) Ill-treat

162. Pinnacle

- (A) Summit (B) Pit
(C) Capsule (D) Heart

163. Garble

- (A) Communicate (B) Explain
(C) Confuse (D) Hide

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

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

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

179. He denied that he had not forged my signature.
 (A) would not forge (B) had forged
 (C) did not forge (D) No improvement
180. There is an error in grammar in this sentence.
 (A) a written error
 (B) a grammar error
 (C) a grammatical error
 (D) No improvement
181. To his astonishment and admiration he got the information that it was only the picture of a curtain.
 (A) found
 (B) saw clearly
 (C) received the information
 (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. Having a stale smell or taste
 (A) Savoury (B) Tepid
 (C) Rancid (D) Insipid
183. A wooden object used for connecting animals that are pulling a vehicle
 (A) Whip (B) Yoke
 (C) Rein (D) Leash
184. A man who knows a lot about things like food, music and art
 (A) Hostage (B) Connoisseur
 (C) Priest (D) Optimist
185. A doctor who specializes in diseases of the nose
 (A) Pathologist (B) Podiatrist
 (C) Rhinologist (D) Otologist
186. Study of caves
 (A) Topology (B) Numismatics
 (C) Speleology (D) Seismology
187. Government by the few
 (A) Monarchy (B) Anarchy
 (C) Oligarchy (D) Autocracy
188. Materials that change naturally by the action of bacteria
 (A) Biological (B) Biodegradable
 (C) Inflammable (D) Perishable

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

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. What does the author mean by the open-ended nature of soap operas?
 (A) Every episode ends abruptly
 (B) Consecutive episodes have no connection
 (C) Each episode ends with a promise that the storyline is to be continued in another episode
 (D) Every episode has a different story

192. A soap opera has the space for it to be more
 (A) dramatic (B) tragic
 (C) artistic (D) naturalistic
193. The economics of a soap opera form demands for it to have
 (A) melodramatic events
 (B) promising storylines
 (C) long scenes
 (D) luxurious space
194. An individual episode of a soap opera generally switches between
 (A) successive intersections of events.
 (B) different concurrent narrative threads.
 (C) more time spent with minor characters.
 (D) apparent villains that grow less apparent villainous.
195. Soap operas that run for a part of the year usually end in
 (A) a cliffhanger (B) a sequence
 (C) a cliff (D) an episode

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