

1486658

EA 2013

Test Form No.
टेस्ट फॉर्म सं.
124 LG 5

Time Allowed : 2 Hours (For VH Candidates : 2 hrs. 40 min.)
निर्धारित समय : 2 घंटे (दृष्टिबाधित 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 and 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 candidates will have to ensure that these details are filled in by the scribe. However all VH candidates must put their Left-Hand thumb impression at the space provided in the Answer-Sheet. Those VH 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, the 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 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 गलत उत्तर के लिए 0.25 अंक काटा जाएगा।
- प्रश्नों के उत्तर देने से पहले आप इस पुस्तिका की जांच 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 विवेकावली 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 जांचा नहीं जाएगा और 'शून्य' अंक दिया जाएगा। (दृष्टिबाधित उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भरा जाए। परन्तु सभी दृष्टिबाधित उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बाएँ हाथ के अंगूठे का निशान अवश्य लगाएँ। जो दृष्टिबाधित 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 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 AND REASONING

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

1. 9536 : 6203 :: 5873 : ?
 (A) 2531 (B) 2540
 (C) 2343 (D) 2353
2. Vigilant : Alert :: Viable : ?
 (A) Feasible (B) Beautiful
 (C) Useful (D) Simple
3. Amnesia : Memory :: Paralysis : ?
 (A) Handicapped (B) Legs
 (C) Movement (D) Limbs
4. AFKP : BGLQ :: CHMR : ?
 (A) EJOT (B) DINS
 (C) DFKP (D) DNIS
5. PREMONITION : MONITIONERP ::
 LINSEEDOIL : ?
 (A) SEEDOILILN
 (B) SEEDOILNLI
 (C) SEEDOILLIN
 (D) SEEDOILNIL
6. 18 : 162 :: 36 : ?
 (A) 648 (B) 984
 (C) 1296 (D) 72

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

7. (A) Biology : Botany
 (B) Phycology : Algae
 (C) Ornithology : Birds
 (D) Mycology : Fungi
8. (A) 125 (B) 222
 (C) 10 (D) 68

9. (A) 11 - 20 (B) 41 - 72
 (C) 12 - 30 (D) 51 - 42
10. (A) KND (B) FIK
 (C) DGI (D) MPR
11. (A) Allahabad (B) Varanasi
 (C) Agra (D) Haridwar
12. Arrange the following words according to the English dictionary :
 1. Fearsome 2. Fealty
 3. Feasible 4. Feature
 5. Feather
 (A) 2, 1, 3, 5, 4 (B) 2, 4, 1, 3, 5
 (C) 2, 3, 1, 4, 5 (D) 2, 5, 3, 1, 4
13. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
 a _ c _ baab _ cb _
 (A) occa (B) abbc
 (C) abab (D) aabb
14. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observes this rule?
 (A) WZCHJMQ (B) WBKQXYF
 (C) WYBFKQX (D) YBQQFHN
15. Arrange the following words in a meaningful order :
 1. Brother 2. Husband
 3. Father 4. Son
 5. Son-in-law
 (A) 3, 1, 4, 2, 5 (B) 3, 2, 1, 5, 4
 (C) 4, 1, 2, 5, 3 (D) 4, 1, 5, 2, 3

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. 12, 27, 85, 345, ?
 (A) 1731 (B) 1737
 (C) 1380 (D) 1725
17. ADGJ, YVSP, KNQT, ?
 (A) LORU (B) SVZB
 (C) QTWZ (D) OLIF
18. 5, 11, 21, 43, 85, ?
 (A) 181 (B) 185
 (C) 170 (D) 171
19. Madhavi and Shalini are good in Dramatics and Computer Science. Anjana and Madhavi are good in Computer Science and Physics. Anjana, Purnima and Nirmala are good in Physics and History. Nirmala and Anjana are good in Physics and Maths. Purnima and Shalini are good in History and Dramatics. Who is good in Physics, Dramatics and Computer Science ?
 (A) Anjana (B) Nirmala
 (C) Madhavi (D) Shalini
20. Mrs. Lata was 3 times as old as her son 8 years ago. Their total age is 64 years now. How old (in years) is Mrs. Lata now ?
 (A) 44 (B) 48
 (C) 12 (D) 36
21. Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to the man in the photograph ?
 (A) Sister (B) Daughter
 (C) Mother (D) Aunt
22. If the letters of the English alphabet are serially numbered, one of the answers given below has a meaningful word hidden in it. Identify the answer.
 (A) 4, 21, 7, 18, 13, 1
 (B) 13, 8, 9, 17, 14, 22
 (C) 1, 12, 7, 5, 2, 18, 1
 (D) 1, 7, 5, 12, 18, 1
23. If "SEQUENCE" is coded as "HVJFVMXV", then how will "CHILDREN" be coded in the same code ?
 (A) DSROWIUN (B) MVIWORSX
 (C) XSRMWIVM (D) XSROWIVM
24. If "GIVE" is coded as "5137" and "BAT" is coded as "924", how will "GATE" be coded in the same code ?
 (A) 5247 (B) 2547
 (C) 5427 (D) 5724
25. Following words are written in a code language. Study them carefully and find out the word in the given code.
 CAR - $\phi\alpha\delta$
 SIT - $\eta\psi k$
 WELL - $\sigma i y y$
 MAP - $\mu\alpha\beta$
 Given code : $\gamma\alpha\mu\beta$
 (A) LAMB (B) LAMP
 (C) LAME (D) LAMA
26. From the given alternatives, select the word which can be formed using the letters of the given word.
 EXAMINATION
 (A) NATIONAL (B) ANIMATION
 (C) ANIMAL (D) EXAMINER
27. From the given alternatives, select the word which **cannot** be formed using the letters of the given word.
 INQUISITIVENESS
 (A) QUININE (B) QUTS
 (C) QUIETNESS (D) INVENTIVE

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

$$5 \times 8 = 28, 3 \times 7 = 12, 8 \times 6 = 35, 13 \times 13 = ?$$

- (A) 144 (B) 169
(C) 130 (D) 140

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

$$13 * 12 * 5 * 4$$

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

30. A boat can travel with a speed of 30 km/hr in still water. If the speed of the stream is 6 km/hr, find the time taken by the boat to go 108 km downstream.

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

31. If '+' means '-'; '-' means 'x'; 'x' means '÷' and '÷' means '+', then

$$25 \times 5 \div 30 + 8 - 2 = ?$$

- (A) 19 (B) 54
(C) 15 (D) 18

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

32.

7	6	8
5	4	9
3	2	1
83	56	?

- (A) 148 (B) 146
(C) 128 (D) 136

33.

15	225	30
7	70	20
3	?	8

- (A) 24 (B) 70
(C) 12 (D) 16

34.

4	7	9
8	6	8
3	7	9
35	49	?

- (A) 64 (B) 63
(C) 89 (D) 81

35. I am facing East. Turning to the right I go 20 m, then turning to the left I go 20 m and turning to the right I go 20 m, then again turning to the right I go 40 m and then again I go 40 m to the right. In which direction am I from my original position ?

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

36. Rahul travelled from a point and straight to Y at a distance of 90 m. He turned right and walked 40 m, then again turned right and walked 70 m. Finally, he turned right and walked 40 m. How far he is from the starting point ?

- (A) 30 m (B) 70 m
(C) 10 m (D) 20 m

Directions : In questions no. 37 and 38, one or two statements are given followed by two conclusions/assumptions, I and II. You have to consider the statement(s) to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions/assumptions can definitely be drawn from the given statement(s). Indicate your answer.

37. **Statements :**

All women are cats.
All cats are rats.

Conclusions :

- I. All women are rats.
II. All rats are women.

- (A) Both conclusions I and II follow
(B) Neither conclusion I nor II follows
(C) Only conclusion I follows
(D) Only conclusion II follows

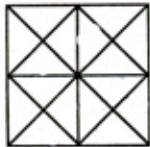
38. *Statement :*

The values of an educated person will differ from that of an uneducated person.

Assumptions :

- I. Education influences an individual's values.
 - II. An uneducated person will not have values.
- (A) Both assumptions I and II are implicit
 (B) Neither assumption I nor II is implicit
 (C) Only assumption I is implicit
 (D) Only assumption II is implicit

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



- (A) 28 (B) 40 or more
 (C) 16 (D) 18

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

Question figure :

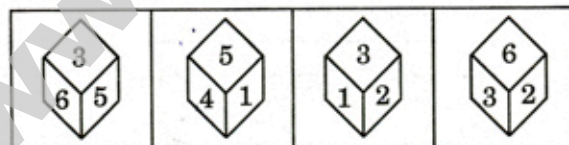


Answer figures :



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

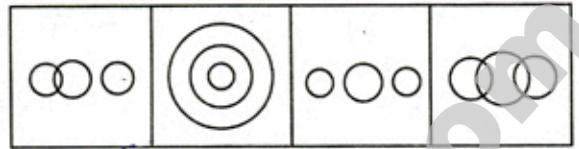
41. Four positions of a dice are given below. Identify the number at the bottom when the number on the top is 2.



- (A) 5 (B) 6
 (C) 3 (D) 4

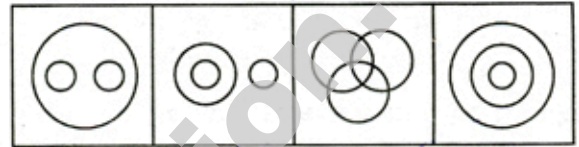
Directions : In questions no. 42 and 43, identify the diagram that best represents the relationship among the classes given below.

42. School, Women, Children



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

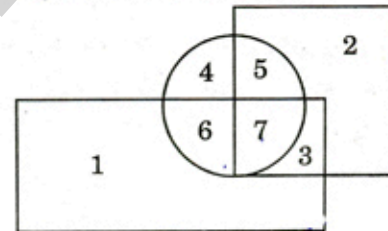
43. Teacher, Writer, Musician



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

44. In the following diagram, Square represents Doctors, Circle represents Players and Rectangle represents Artists.

Which number represents those Doctors who are Players as well as Artists ?



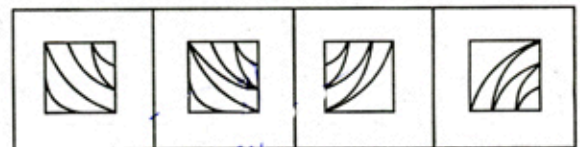
- (A) 6 (B) 7
 (C) 2 (D) 3

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

45. *Question figure :*

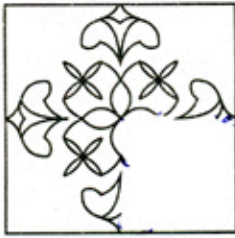


Answer figures :

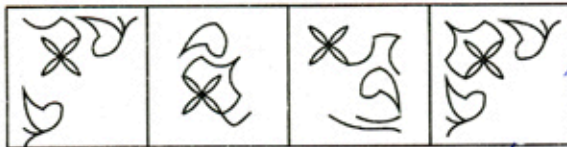


- (A) (B) (C) (D)

46. Question figure :



Answer figures :



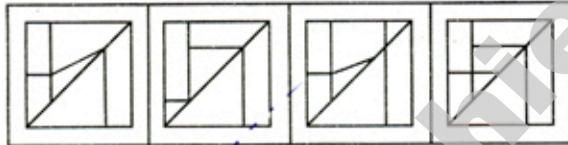
(A) (B) (C) (D)

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

Question figure :



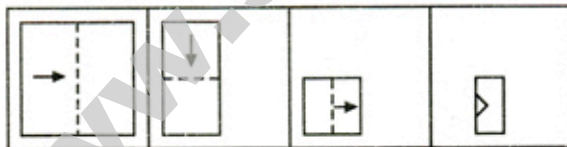
Answer figures :



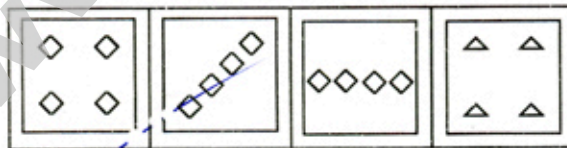
(A) (B) (C) (D)

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. 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. 'K' can be represented by 00, 24, 32, etc. and 'L' can be represented by 57, 68, 89, etc. Similarly, you have to identify the set for the given word :

MUTE

Matrix I

	0	1	2	3	4
0	K	N	T	U	S
1	S	K	U	T	N
2	T	U	N	S	K
3	U	S	K	N	T
4	N	T	S	K	U

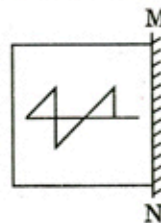
Matrix II

	5	6	7	8	9
5	M	O	L	E	V
6	V	M	O	L	E
7	L	E	M	V	O
8	O	V	E	M	L
9	E	L	V	O	M

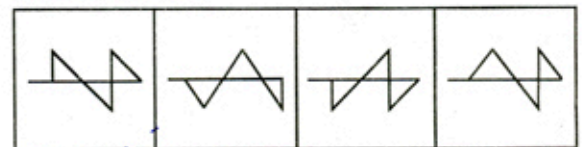
- (A) 99, 20, 13, 95
 (B) 66, 30, 02, 68
 (C) 88, 21, 03, 76
 (D) 66, 03, 20, 95

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

Question figure :



Answer figures :



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

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

39. From among the given alternatives, select the one in which the set of numbers is most like the given set of numbers.
Given set : (48, 24, 12)
(A) (40, 20, 10) (B) (40, 30, 20)
(C) (44, 22, 10) (D) (46, 22, 11)
40. If $B = 2$, ACCUMULATE = 100, then IMMEDIATELY = ?
(A) 120 (B) 116
(C) 122 (D) 125
41. Six friends A, B, C, D, E and F are sitting in a circle. C is to the left to D; F is between A and E; E is between F and D. Between whom is B sitting ?
(A) D and E (B) F and A
(C) C and D (D) A and C
42. Which of the following will appear fourth as per order in the English dictionary ?
(A) powerhouse (B) powerless
(C) powerful (D) powerplant
43. Select the related number pair from the given alternatives.
 $4 : 20 :: ?$
(A) 10 : 120 (B) 5 : 36
(C) 6 : 42 (D) 9 : 29
44. Select the one which is different from the other three responses.
(A) Hostel (B) Hotel
(C) Inn (D) Club
45. Identify the wrong term in the given series :
3, 7, 23, 87, 443, 1367
(A) 1367 (B) 23
(C) 443 (D) 87
46. An overhead tank filled with 20 litre capacity has 3 pipe connections A, B and C which are leaking at a rate of 150 ml, 220 ml and 300 ml per hour respectively. What will be the remaining capacity of water at the end of 8 hours ?
(A) 14 litres 640 ml
(B) 8 litres 640 ml
(C) 5 litres 360 ml
(D) 650 ml
47. A class of girls stand in a single line. Geeta is twenty-third in order from both the ends. How many girls are there in the class ?
(A) 46 (B) 43
(C) 44 (D) 45
48. In the following series of numbers, how many 3's are immediately preceded by 9 but not immediately followed by 5 ?
934593593643933539539375759395
(A) 5 (B) 6
(C) 4 (D) 3
49. In a group of five persons A, B, C, D and E, one plays Tennis, one plays Chess and one Hockey. A and D are unmarried women and play no game. There is a couple among them where E is the husband of C. No woman plays either Chess or Hockey. B is the brother of C and he neither plays Tennis nor Chess. Who plays Hockey here ?
(A) B (B) A
(C) E (D) C
50. The average age of 7 employees of a department is 49 years. One member of 50 years seeks voluntary retirement and a new employee of 36 years joins. What is the average age of the employees of the department now ?
(A) 48 years (B) 52 years
(C) 45 years (D) 47 years

PART B : GENERAL AWARENESS

51. The first law officer of the Government of India is
- (A) The Attorney-General of India
(B) The Chief Justice of the Supreme Court
(C) The Law Minister
(D) None of these
52. Consumers are likely to get a variety of goods under
- (A) Imperfect competition
(B) Oligopoly
(C) Perfect competition
(D) Monopoly
53. Under WTO, Protection of Plant Varieties and Farmers' Rights Legislation was passed in August
- (A) 2001 (B) 2002
(C) 1999 (D) 2000
54. The level of economic activity of an economy largely depends on
- (A) Aggregate Investment in the economy
(B) Aggregate Savings in the economy
(C) Aggregate Demand in the economy
(D) Aggregate Supply in the economy
55. Price discrimination is a feature of
- (A) Duopoly (B) Oligopoly
(C) Monopoly (D) Monopsony
56. If the increase in demand is more than the increase in supply, the price will
- (A) fluctuate
(B) remain the same
(C) increase
(D) decrease
57. 'Sovereignty' is derived from 'Superanus' which is
- (A) a Latin word
(B) a Greek word
(C) a French word
(D) None of the above
58. In which portion of the Constitution, were the goals of the Indian Constitution incorporated ?
- (A) Preamble
(B) Directive Principles i.e. Part IV
(C) Fundamental Rights i.e. Part III
(D) None of the above
59. The Constitution of India was adopted on
- (A) 9th December, 1946
(B) 26th January, 1950
(C) 26th November, 1949
(D) 15th August, 1949
60. Of the following Congress leaders, who was **not** a "Moderate" ?
- (A) Bipin Chandra Pal
(B) Lala Lajpat Rai
(C) Bal Gangadhar Tilak
(D) All of the above
61. Russian Revolution broke out in the year
- (A) 1918 (B) 1919
(C) 1916 (D) 1917
62. Who called the newspapers "the Bible of Democracy" ?
- (A) Walter Lippmann
(B) Lindsay
(C) Ernest Barker
(D) Herman Finer

63. On which of the following rivers is Bangkok located ?
(A) Salween
(B) Mekong
(C) Chao Phraya
(D) Chindwin
64. Which of the following is a most modern surveying technique ?
(A) Satellite Remote Sensing
(B) Geodetic Survey System
(C) Aerial Photography
(D) Geographical Information System (GIS)
65. Antibodies combine with antigens
(A) only if macrophages are present
(B) only if macrophages are absent
(C) at variable regions
(D) at constant regions
66. The diseases caused by virus include
(A) Cholera, Tuberculosis, Meningitis, Syphilis
(B) Measles, Small-pox, Mumps, Rabies
(C) Measles, Syphilis, Rabies, Cholera
(D) Polio, Syphilis, Chicken-pox, Mumps
67. Which one of the following combinations is correct ?
(A) *Pyrethrum* – Compositae
(B) *Brassica* – Liliaceae
(C) *Allium cepa* – Cruciferae
(D) *Acacia* – Caesalpiniaceae
68. Mahavira preached in which language ?
(A) Suraseni
(B) Apbhransh
(C) Magadhi
(D) Ardha-Magadhi
69. Buddha can best be described as a/an
(A) materialist (B) agnostic
(C) atheist (D) theist
70. Which are the four major languages of the Dravidian family ?
(A) Tamil – Telugu – Kannada – Malayalam
(B) Marathi – Kannada – Malayalam – Telugu
(C) Bangla – Tamil – Kannada – Malayalam
(D) Malayalam – Bangla – Marathi – Tamil
71. Lanolin, a fatty substance used in manufacturing of cosmetics, is obtained from
(A) Pig (B) Horse
(C) Sheep (D) Cattle
72. Law of Exclusive Economic Zone is related to
(A) Fishing (B) Dairying
(C) Agriculture (D) Industry
73. Which of the atmospheric layers prevents penetration of great amounts of ultraviolet radiation ?
(A) Stratosphere (B) Troposphere
(C) Ionosphere (D) Ozonosphere

74. Atomiser works on the principle of
(A) Ideal gas equation
(B) Avogadro's hypothesis
(C) Pascal's law
(D) Bernoulli's theorem
75. Line spectrum is produced by
(A) N_2 — Nitrogen molecule
(B) O_2 — Oxygen molecule
(C) H_2 — Hydrogen molecule
(D) H — Atomic hydrogen
76. When a body is executing simple harmonic motion and passes through the mean position, it has
(A) Minimum kinetic energy and maximum potential energy
(B) Maximum kinetic energy and minimum potential energy
(C) Both kinetic energy and potential energy minimum
(D) Both kinetic energy and potential energy maximum
77. The antibiotic Penicillin was discovered by
(A) Thomas Alva Edison
(B) Boyle
(C) George Stevenson
(D) Alexander Fleming
78. The group of bacteria which reduces the soil fertility is
(A) ammonifying (B) detoxifying
(C) nitrifying (D) denitrifying
79. Tobacco smoke contains
(A) CO, Polycyclic aromatic hydrocarbon and Tar
(B) CO_2 , CO, Hydrocarbon and Tar
(C) CO_2 , CO and Tar
(D) CO_2 and Tar
80. Which of the following is **not** a search engine ?
(A) infoseek.com
(B) intel.com
(C) altavista.com
(D) excite.com
81. Which of the following gases has the highest average velocity at a certain temperature ?
(A) Neon (B) Methane
(C) Oxygen (D) Carbon monoxide
82. The universal solvent is
(A) Water (B) Alcohols
(C) Aqua regia (D) Hydrochloric acid
83. Dry bleach is done by
(A) Chlorine
(B) Ozone
(C) Hydrogen peroxide
(D) Sulphur dioxide
84. Cryolite is
(A) Al_2O_3 (B) $Al(OH)_3$
(C) $KAlSi_3O_8$ (D) $3NaF \cdot AlF_3$
85. When forward bias is applied to a junction diode, it
(A) reduces the majority-carrier current to zero
(B) reduces the minority-carrier current to zero
(C) increases the potential barrier
(D) decreases the potential barrier
86. "The Stored Program" concept was introduced by
(A) Thomas Hook
(B) John Miller
(C) John von Neumann
(D) Steve John

87. A film "Sadma" was remade in Hindi based on a Tamil film "Moondram Pirai". The director of the film is also known as "Creator's creator", and his name is
 (A) Mohan Lal (B) Balu Mahendra
 (C) Kamal Haasan (D) Venkatesh
88. The Postal Department of India has recently on 10th February, 2014 released a stamp in memory of a singer named
 (A) Bhupen Hazarika
 (B) Daler Mehndi
 (C) Jagjit Singh
 (D) Lata Mangeshkar
89. The designer-creator of AK-47 assault rifle, Mikhail Kalashnikov is native to
 (A) Italy (B) France
 (C) Russia (D) Sweden
90. A book entitled "The Satanic Verses" is written by
 (A) Taslima Nasrin
 (B) Kamal Haasan
 (C) Wendy Doniger
 (D) Salman Rushdie
91. The "coarse particles" denoting air quality for breathing are termed as
 (A) PM 3-0 (B) PM 10-0
 (C) PM 1-0 (D) PM 2-0
92. The snow leopard population in India is estimated to be
 (A) 400 - 700 (B) 400 - 1000
 (C) 100 - 200 (D) 400 - 500
93. A group of interacting living organisms sharing a populated environment is
 (A) Biome (B) Biosphere
 (C) Ecosystem (D) Community
94. "CETP" stands for
 (A) Continental Energy, Temperature and Precipitation
 (B) Central Environmental Treatment Plant
 (C) Course on Environment Training and Projects
 (D) Common Effluent Treatment Plant
95. Mother Teresa was awarded Nobel Prize for Peace in the year
 (A) 1989 (B) 1995
 (C) 1975 (D) 1979
96. Consumer Protection Act was enacted in
 (A) 1988 (B) 1989
 (C) 1984 (D) 1986
97. Identify the film that was based on the work by Munshi Premchand.
 (A) Parineeta (B) Sadgati
 (C) Pyaasa (D) Paa
98. Which of the following is *not* correct ?
 (A) ASI - Archaeological Survey of India
 (B) UNDP - United Nations Development Programme
 (C) NMA - National Monuments Authority
 (D) MSP - Maximum Support Price
99. How many States were there in India as per the 15th Lok Sabha update during February 2014 ?
 (A) 28 (B) 29
 (C) 25 (D) 27
100. Which of the following pairs is *not* correctly matched ?
 (A) Lokhitwadi : Gopal Hari Deshmukh
 (B) Lokmanya : Bal Gangadhar Tilak
 (C) Sher-e-Punjab : Lala Lajpat Rai
 (D) Nightingale of India : Pandita Ramabai

PART C : QUANTITATIVE APTITUDE

101. The diameter of a roller is 84 cm and its length is 120 cm. It makes 500 complete revolutions to move once over to level a playground. Find the area of the playground in sq. m. ($\pi = \frac{22}{7}$)
- (A) 1590 sq. m (B) 1594 sq. m
(C) 1580 sq. m (D) 1584 sq. m
102. The greatest fraction out of $\frac{2}{5}$, $\frac{5}{6}$, $\frac{11}{12}$ and $\frac{7}{8}$ is
- (A) $\frac{11}{12}$ (B) $\frac{2}{5}$
(C) $\frac{7}{8}$ (D) $\frac{5}{6}$
103. Find the odd one out :
1, 5, 14, 30, 50, 55, 91
- (A) 55 (B) 91
(C) 5 (D) 50
104. If x men can do a piece of work in x days working x hours a day, in how many days can y men do the same work working y hours a day ?
- (A) $\frac{x^3}{y^2}$ (B) x^3y^2
(C) y (D) $\frac{x^2}{y^3}$
105. A and B together can complete a work in 12 days. A alone can complete it in 20 days. If B now does the work only for half a day daily, then the number of days required to complete the work, by A and B together, is
- (A) 18 (B) 15
(C) 14 (D) 16
106. A pump can fill a cistern in 40 minutes and another pump can empty the filled up cistern in 1 hour. By mistake, without closing the second pump, the first pump is opened. The time in which the empty cistern will be filled up is
- (A) 3 hours (B) 4 hours
(C) 1 hour (D) 2 hours
107. In a mixture of 35 litres, the ratio of milk and water is 4 : 1. How many litres of water must be added to make the ratio 2 : 3 ?
- (A) 35 (B) 70
(C) 28 (D) 40
108. The curved surface area of a right circular cylinder of radius 2 cm is 264 cm^2 . The height of the cylinder, in cm, is
- (A) 42 (B) 14
(C) 10.5 (D) 21
109. Base of a right pyramid is a square. The length of a diagonal of the base is $12\sqrt{2}$ cm. If each lateral surface of the pyramid is an equilateral triangle, then its volume (in cu. cm) is
- (A) $288\sqrt{3}$ (B) $208\sqrt{2}$
(C) $288\sqrt{2}$ (D) 288
110. A merchant purchases a wrist watch for ₹ 450 and fixes its list price in such a way that after allowing a discount of 10%, he earns a profit of 20%. Find the list price of the wrist watch.
- (A) ₹ 600 (B) ₹ 585
(C) ₹ 495 (D) ₹ 540
111. Ravi purchased an article marked at ₹ 21,000 at 5% discount. The rate of sales tax on the article is 10%. Money paid by Ravi to purchase the article is
- (A) ₹ 21,945 (B) ₹ 19,845
(C) ₹ 19,950 (D) ₹ 23,100
112. A single discount equivalent to two successive discounts of $12\frac{1}{2}\%$ and 20% is
- (A) 30% (B) 33%
(C) $32\frac{1}{2}\%$ (D) 32%
113. A Kinetic Honda covers a distance of 140 km in 2 hours and 20 minutes while a car covers the same distance in 1 hour and 40 minutes. What is the ratio of their speeds ?
- (A) 5 : 7 (B) 6 : 7
(C) 3 : 7 (D) 4 : 7

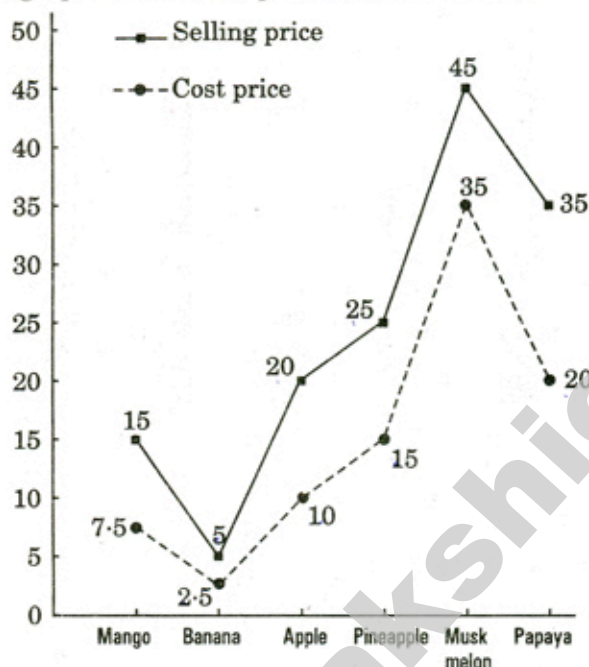
114. 20% of a man's salary is paid as rent, 60% are his living expenses and 10% is paid in LIC. If he spends the remaining ₹ 3,000 on education of the children. his salary is
 (A) ₹ 35,000 (B) ₹ 30,000
 (C) ₹ 9,000 (D) ₹ 90,000
115. A rides from his house at 12 noon towards B's house at a speed of 8 km/hour. After 1 hour, B rides from his house towards A's at a speed of 7 km/hour. If the distance between the two houses is 68 km, the time when they meet is
 (A) 5 PM (B) 6 PM
 (C) 3 PM (D) 4 PM
116. Two runners cover the same distance at the rate of 15 km and 16 km per hour respectively. Find the distance travelled when one takes 32 minutes longer than the other.
 (A) 108 km (B) 128 km
 (C) 64 km (D) 96 km
117. On a journey across Mumbai, a taxi averages 20 m.p.h. for 70% of the distance, 25 m.p.h. for 10% of the distance and 8 m.p.h. for the remainder. Then the average speed of the whole journey is
 (A) 15.625 m.p.h. (B) 15.925 m.p.h.
 (C) 15.25 m.p.h. (D) 15 m.p.h.
118. The average age of four sisters is 7 years. If the age of the mother is included, the average is increased by 6 years. Then the age of the mother is
 (A) 40 years (B) 37 years
 (C) 34 years (D) 32 years
119. A sells to B an iron box at 10% profit. B sells it to C for 20% profit. If C pays ₹ 528, then the cost price of A is
 (A) ₹ 400 (B) ₹ 508
 (C) ₹ 500 (D) ₹ 498
120. The difference of two factors for the expression $a^4 + \frac{1}{a^4} - 3$ is
 (A) 4 (B) -4
 (C) -2 (D) 2
121. A person invested ₹ 1,100 in a company at compound interest compounded semi-annually. He received ₹ 1,331 after one year. The rate of interest per annum is
 (A) 11% (B) 20%
 (C) 5% (D) 10%
122. If the notation (a, b) stands for $\frac{b}{a}$, then the value of $\left(\frac{a}{b}, \frac{b}{a}\right)$ is
 (A) 1 (B) ab
 (C) $\frac{a^2}{b^2}$ (D) $\frac{b^2}{a^2}$
123. If $(x - 2)^2 + (y - \frac{1}{2})^2 = 0$, then the value of $\frac{x}{y}$ is
 (A) $\frac{1}{4}$ (B) 2
 (C) 1 (D) 4
124. If $0.5x + 0.7y = 0.5$ and $0.7x + 0.5y = 0.7$, then the value of $x + y$ is
 (A) 1.2 (B) 1
 (C) 0.5 (D) 0.7
125. If $a + b + c = 15$, $abc = 120$ and $(ab + bc + ca) = 74$, then the value of $a^3 + b^3 + c^3 =$
 (A) 405 (B) 450
 (C) 401 (D) 403
126. The value of $\frac{\sqrt{x^2 y}}{\sqrt{xy^2}} \times \sqrt{\frac{y}{x}}$ is
 (A) xy (B) 1
 (C) x (D) y

127. If the sum of two angles of a triangle is 90° and their difference is 30° , then the angles of the triangle are
 (A) $40^\circ, 60^\circ, 80^\circ$ (B) $30^\circ, 70^\circ, 80^\circ$
 (C) $60^\circ, 30^\circ, 90^\circ$ (D) $50^\circ, 40^\circ, 90^\circ$
128. If $12x - 15y = 9x + 5y$, the value of $\frac{x^2 + y^2}{x^2 - y^2}$ is
 (A) $\frac{23}{17}$ (B) $\frac{391}{409}$
 (C) $\frac{400}{9}$ (D) $\frac{409}{391}$
129. If $p^2 + \frac{1}{p^2} = 47$, then the numerical value of $p + \frac{1}{p}$ will be
 (A) ± 3 (B) 6
 (C) 7 (D) $\frac{3}{2}$
130. PQ and QR are two chords of a circle and they are equally inclined to the diameter drawn through Q. What is the relation between PQ and QR?
 (A) $PQ = QR$ (B) $PQ \perp QR$
 (C) $PQ > QR$ (D) $PQ < QR$
131. O is the orthocentre of ΔABC . If $\angle BOC = 110^\circ$, $\angle BAC$ is equal to
 (A) 90° (B) 70°
 (C) 80° (D) 110°
132. The circumcentre of a right-angled triangle lies
 (A) on its hypotenuse
 (B) at the right angular vertex
 (C) within the triangle
 (D) outside the triangle
133. If one of the equal angles of an isosceles triangle is 65° , then the angle at the vertex is
 (A) 40° (B) 70°
 (C) 50° (D) 60°
134. The ratio of circumradius and hypotenuse of a right-angled triangle is
 (A) 1 : 1 (B) 2 : 3
 (C) 1 : 2 (D) 2 : 1
135. If $\tan \alpha = p$, then $\sec \alpha + \tan^3 \alpha \cdot \operatorname{cosec} \alpha =$
 (A) $\frac{\sqrt{1+p^2}}{p^2}$ (B) $(1+p^2)^{3/2}$
 (C) $\frac{p^3}{\sqrt{1+p^2}}$ (D) $\sqrt{1+p^2}$
136. If $A + B = 90^\circ$ and $A : B = 2 : 1$, then what is the value of $\sin A : \sin B$?
 (A) 1 : 2 (B) 3 : 2
 (C) $\sqrt{3} : 1$ (D) $2 : \sqrt{3}$
137. If $\cos 2x = 1$, the value of $\cos x$ is ($0^\circ \leq x \leq 45^\circ$)
 (A) $1/2$ (B) 2
 (C) 0 (D) 1
138. If $\sec \theta = \operatorname{cosec} \phi$, where θ and ϕ are acute angles, then the value of $\operatorname{cosec}(\theta + \phi)$ is
 (A) $\sqrt{2}$ (B) 1
 (C) 0 (D) undefined
139. If $x = a \cos(90^\circ - \theta)$ and $y = b \cot(90^\circ - \theta)$, then the value of $\left(\frac{a^2}{x^2} - \frac{b^2}{y^2}\right)$ is
 (A) 0 (B) 2
 (C) -1 (D) 1
140. P, Q, R are three points such that $\overline{PR} = 3$ cm, $\overline{QR} = 5$ cm and $\overline{PQ} = 8$ cm. Number of circles passing through all the three points P, Q, R is
 (A) 2 (B) 3
 (C) 0 (D) 1
141. G is the centroid of a triangle ABC, and the median is AD. The ratio of AD and GA is
 (A) 1 : 3 (B) 2 : 1
 (C) 3 : 2 (D) 2 : 5

142. If $\sin \theta + \sin^2 \theta = 1$, then the value of $\cos^{12} \theta + 3 \cos^{10} \theta + 3 \cos^8 \theta + \cos^6 \theta - 1$ is
 (A) 0 (B) 2
 (C) $\frac{1}{2}$ (D) 1

143. The value of $1 + \frac{\sin^2 23^\circ}{\cos^2 23^\circ} - \frac{\cos^2 67^\circ}{\sin^2 67^\circ} + \frac{\operatorname{cosec}^2 67^\circ}{\sec^2 23^\circ}$ is
 (A) -1 (B) 2
 (C) 0 (D) 1

Directions : The graph consists of the cost price and selling price of one fruit of each variety. Study the graph and answer questions no. 144 to 147.

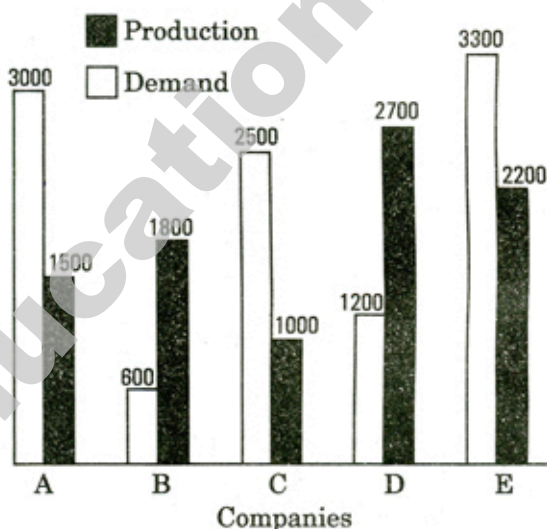


144. Find the overall profit % if one fruit of each variety is sold.
 (A) $69\frac{1}{9}$ (B) $61\frac{1}{9}$
 (C) 70 (D) 69
145. How many varieties of fruit are sold at a profit of at least 50%?
 (A) 4 (B) 3
 (C) 1 (D) 5
146. Find the profit obtained by selling 4 mangoes and 6 bananas (in ₹).
 (A) 45 (B) 35.5
 (C) 50 (D) 45.5

147. Find the profit % obtained by selling 3 papayas, 2 musk melons and 4 pineapples.
 (A) $55\frac{5}{19}$ (B) $42\frac{6}{7}$
 (C) $43\frac{6}{7}$ (D) $40\frac{6}{7}$

Directions : Study the following graph carefully and answer questions no. 148 to 150.

Demand and Production of Colour T.V. of five companies for October 1988



148. The production of company D is approximately how many times that of the production of company A?
 (A) 1.5 (B) 1.11
 (C) 1.8 (D) 2.5
149. What is the ratio of companies having more demand than production to those having more production than demand?
 (A) 4 : 1 (B) 3 : 2
 (C) 2 : 3 (D) 2 : 2
150. What is the difference between average demand and average production of the five companies taken together?
 (A) 400 (B) 138
 (C) 1400 (D) 280

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

144. 12 girls decided to contribute ₹ 750 each and buy a gift for their teacher. Suddenly few of them dropped out and consequently the rest had to pay ₹ 150 more. Then the number of students who dropped out is

- (A) 3
- (B) 5
- (C) 6
- (D) 2

145. Find the next term of the given sequence

20, 25, 26, 32, 33

- (A) 39
- (B) 38
- (C) 41
- (D) 40

146. If $x + \frac{4}{x} = 10$, then the value of $\left(\frac{x^3}{8} + \frac{8}{x^3}\right)$

is

- (A) 100
- (B) 115
- (C) 105
- (D) 110

147. If the radius of a circle is 7 cm, its circumference is

- (A) 66 cm
- (B) 48 cm
- (C) 88 cm
- (D) 44 cm

148. There are 108 students in a class and the number of boys and girls are in the ratio of 5 : 4. By adding 3 boys and some more girls, the ratio of the boys and girls becomes 7 : 6. The number of girls added is

- (A) 6
- (B) 5
- (C) 2
- (D) 4

149. What is the cost price of an article sold at a loss of 25% for ₹ 150 ?

- (A) ₹ 200
- (B) ₹ 225
- (C) ₹ 125
- (D) ₹ 175

150. In what time will ₹ 800 amount to ₹ 1,152 at 20% per annum compound interest, if the interest is compounded annually ?

- (A) 3 years
- (B) 2 years
- (C) 5 years
- (D) 4 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. We arrived / to the village / at night. / No error.
 (A) (B) (C) (D)
152. He gave me a / hundred rupees note / as a gift on my birthday. / No error.
 (A) (B) (C) (D)
153. I have been / suffering since / the 10th of January. / No error.
 (A) (B) (C) (D)
154. Douglas Engelbart, the inventor of the computer mouse / have died / at the age of eighty-eight. /
 (A) (B) (C)
 No error.
 (D)
155. There is / a flight to Britain / every Mondays. / 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. Drama is a stage-play having powerful _____ appeal.
 (A) aural-visual (B) aerial-visual
 (C) audio-verbal (D) audio-visual
157. Today's politics in India is the _____ of everything great and noble that Gandhi dreamt for India.
 (A) antagonism (B) antithesis
 (C) antidote (D) immorality
158. The carriage and horse _____ standing there.
 (A) was (B) were
 (C) are (D) is
159. The _____ of success is difficult to reach.
 (A) peak (B) pick
 (C) peek (D) pique
160. My heart started _____ faster.
 (A) biting (B) bleating
 (C) betting (D) beating

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. Sprightly
 (A) intelligent (B) sportive
 (C) beautiful (D) lively
162. Precarious
 (A) cautious (B) critical
 (C) perilous (D) disastrous
163. Accede
 (A) change (B) surpass
 (C) consent (D) approach

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. Voluminous
 (A) shining (B) loud
 (C) long (D) sleek
165. Defiant
 (A) feeble (B) obedient
 (C) weak (D) scared
166. Industrious
 (A) active (B) prosperous
 (C) idle (D) busy

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. She is always picking holes in every project we do.

- (A) suggesting improvement
(B) asking irrelevant questions
(C) creating problems
(D) finding fault

168. To flog a dead horse.

- (A) trying to beat a horse that is dead
(B) trying to act in a dead manner
(C) trying to achieve an impossible thing
(D) trying to take work from a weak horse

169. Harish was taken aback by the child's aggressive retaliation.

- (A) confused (B) critical
(C) surprised (D) moved

170. The trial was held in camera.

- (A) openly
(B) privately
(C) in public
(D) in front of the camera

171. Having sold off his factory he is now a gentleman at large.

- (A) respected by everybody
(B) held in high esteem
(C) without any serious occupation
(D) living comfortably

Directions : In questions no. 172 to 181, a sentence/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 pen is better than the sword.

- (A) weaker (B) mightier
(C) stronger (D) No improvement

173. The bank lent him money, hasn't it ?

- (A) didn't it (B) isn't it
(C) is it (D) No improvement

174. The accident was occurring at 10:30 this morning.

- (A) had occurred (B) occurred
(C) occurs (D) No improvement

175. His prayer was that the child might live.

- (A) will (B) would
(C) should (D) No improvement

176. He gave the leaflet to those who came to the meeting.

- (A) whoever is coming
(B) whoever come
(C) whoever came
(D) No improvement

177. They borrowed the money at six percent annually

- (A) at six percent per annum
(B) at annually six percent
(C) at annum six percent
(D) No improvement

178. There is not a lot of time left.

- (A) some (B) much
(C) such (D) No improvement

179. Seema made signs to Sita that it was time to go.

- (A) gestured (B) called
(C) waved (D) No improvement

180. Simran is careful with her use of oil when cooking.

- (A) stingy (B) economic
(C) economical (D) No improvement

181. I was impressed by his descend talk.

- (A) decadent (B) descending
(C) decent (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/sentences and indicate it by blackening the appropriate oval (●) in the Answer Sheet.

182. A child who stays away from school without leave
 (A) deserter (B) truant
 (C) rebel (D) bully
183. That which cannot be believed
 (A) ineffable (B) infallible
 (C) incredible (D) inaudible
184. A building for housing curios
 (A) sanitarium (B) asylum
 (C) museum (D) auditorium
185. A person who knows or can speak many languages
 (A) misologist (B) bibliophile
 (C) bigot (D) polyglot
186. Incapable of being corrected
 (A) insensitive (B) insolent
 (C) incongruous (D) incorrigible
187. A cure for all diseases
 (A) antibiotic (B) incantation
 (C) medicine (D) panacea
188. A place where dead bodies are kept for medical examination
 (A) cemetery (B) crematorium
 (C) mortuary (D) hospital

Directions : In questions no. 189 to 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) Eklipse (B) Eclypse
 (C) Eclips (D) Eclipse
190. (A) Ambesador (B) Ambasador
 (C) Ambessador (D) Ambassador

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. Nos. 191 to 195)

Whatever the problem, someone can always oversimplify it. Sometimes a problem is simpler than it seems at first sight, and a cool mind can point to an easy answer. More often though, the simple answers don't really meet the case. A great scientist of an earlier day, Sir Arthur Eddington, once said that we often think that when we have completed our study of one, we know all about two, because "two is one and one". We forget that we still have to make a study of "and".

There's an important point here, an extra factor in the equation. Whether we are dealing with fellow humans, or even with observed "scientific fact", one and one often make more than two, because there's a relationship as well as a number. There's a mysterious chemistry that alters things, just through their being together. One thing which makes paintings fascinating and demanding is allowing for this. Put a spot of bright yellow paint on a background of grey, and the yellow spot on a bright blue background, and the yellow looks duller and smaller. The same colour is changed by what's around it. It's changed by relationship.

191. According to Sir Arthur Eddington, we often think that when we have completed our study of one, we know all about two, because
 (A) two is one and one
 (B) two follows the one
 (C) there is no other number between them
 (D) one and one makes two
192. The author thinks that
 (A) often the simple answers do not meet the case
 (B) there is a mysterious chemistry that alters things
 (C) there is a tendency to oversimplify problems
 (D) All of the above

193. The author feels that _____ changes everything around it.
 (A) relationship (B) chemistry
 (C) number (D) painting
194. Sir Arthur Eddington thinks that in accepting that two is one and one
 (A) we believe that there is no extra factor in the equation
 (B) we rest our case and get on with our lives
 (C) our problem is resolved
 (D) we forget we still have to make a study of "and"
195. The author is of the opinion that whether we are dealing with fellow humans, or even with observed "scientific fact", one and one often make more than two because
 (A) there is an important factor in the equation
 (B) the presence of the word 'and' alters things
 (C) there is a relationship as well as a number
 (D) All of the above

Passage II (Q. Nos. 196 to 200)

The clergyman was finishing the graveside service. Suddenly, the 78-year-old man whose wife of 50 years had just died began screaming in a thick accent, "Oh, oh, oh, how I loved her!" His mournful wail interrupted the dignified quiet of the ceremony. The other family and friends standing around the grave looked shocked and embarrassed. His grown children, blushing, tried to shush their father. "It's okay, Dad; we understand. Shush." The old man stared fixedly at the casket lowering slowly into the grave. The clergyman went on. Finishing, he invited the family to shovel some dirt into the coffin as a mark of the finality of death. Each, in turn, did so with the exception of the old man. "Oh, how I loved her!" he moaned loudly. His daughter

and two sons again tried to restrain him, but he continued, "I loved her!" Now, as the rest of those gathered around began leaving the grave, the old man stubbornly resisted. He stayed, staring into the grave. The clergyman approached. "I know how you must feel, but it's time to leave. We all must leave and go on with life."

"Oh, how I loved her!" the old man moaned, miserably. "You don't understand," he said to the clergyman, "I almost told her once."

196. The old man was inconsolable because _____ his wife he loved her.
 (A) he tried to tell
 (B) he told
 (C) he once told
 (D) he never told
197. _____ resisted from leaving the graveside.
 (A) Only the children
 (B) All the people
 (C) Only the old man
 (D) Both the children and their father
198. _____ advised the old man to move on with life.
 (A) The clergyman
 (B) Friends
 (C) Family members
 (D) The children
199. The wail of the old man _____ the dignified quiet of the graveside ceremony.
 (A) did not affect
 (B) affected
 (C) almost affected
 (D) did not in the least affect
200. The old man's children are _____.
 (A) small
 (B) still very small
 (C) all grown-up
 (D) a mixture of small and grown-ups