

DO NOT OPEN THE POLYTHENE BAG/SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

Test Form No.  
टेस्ट फॉर्म संख्या  
444 OL 5

Evening  
DA-2013 (9)

27/4/14  
GK -

1297789

Time Allowed : 2 Hours (For V.H. Candidates : 2 hrs. 40 Min.)

Maximum Marks : 200

निर्धारित समय : 2 घण्टे (दृष्टिबाधित उम्मीदवारों के लिए : 2 घण्टे 40 मिनट)

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 Language.

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

इस पुस्तिका में प्रश्न अंग्रेजी तथा हिन्दी दोनों भाषा में दिये गये हैं।

INSTRUCTIONS TO CANDIDATES	उम्मीदवारों के लिए अनुदेश
1. 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)	1. 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 : परिमाणमत्क अभिरुचि (50 प्रश्न) भाग-घ : अंग्रेजी परिज्ञान (50 प्रश्न)
2. In questions set bilingually in English and Hindi language, in case of discrepancy, the English version will prevail.	2. अंग्रेजी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेजी विवरण मान्य होगा।
3. All questions are compulsory and carry equal marks.	3. सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं।
4. The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.	4. प्रश्न पत्र में नकारात्मक अंकन होगा। हर गलत उत्तर के लिए 0.25 अंक काटा जाएगा।
5. Before you start to answer the questions you must check up this Booklet and ensure that it contains all the pages (1-32) and see that no page is missing or repeated. If you find any defect in this Booklet, you must get it replaced immediately.	5. प्रश्नों के उत्तर देने से पहले आप इस पुस्तिका की जाँच करके देख लें कि इसमें पूरे पृष्ठ (1-32) हैं तथा कोई पृष्ठ कम या दुबारा तो नहीं आ गया है। यदि आप इस पुस्तिका में कोई त्रुटि पायें, तो तत्काल इसके बदले दूसरी पुस्तिका ले लें।
6. 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. (V.H. candidates will have to ensure that these details are filled in by the scribe. However, all V.H. candidates must put their left-hand thumb impression at the space provided in the Answer-Sheet. Those V.H. candidates who can sign should also put their signatures in addition to thumb impression.)	6. निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जायेगी। 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 बायें 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 उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भरा जाए। परन्तु सभी दृष्टिबाधित उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बायें 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।)
7. 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.	7. उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिये गये 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 जाएंगे, उनके लिए कोई अंक नहीं दिया जाएगा।
8. A machine will read the coded information in the OMR Answer-Sheet. In case the information is incomplete/different from the information given in the application form, such candidate will be awarded 'ZERO' mark.	8. 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 अभ्यर्थी को 'शून्य' अंक दिया जाएगा।
9. The Answer-Sheet must be handed over to the Invigilator before you leave the Examination-Hall.	9. परीक्षा-भवन छोड़ने से पहले परीक्षार्थी को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी चाहिए।
10. Failure to comply with any of the above instructions will render a candidate liable to such action / penalty as may be deemed fit.	10. 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।
11. The manner in which the different questions are to be answered has been explained at the back of this Booklet (Page No. 32), which you should read carefully before actually answering the questions.	11. विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृष्ठ संख्या 32) में छपे हुए निर्देशों में दे दी गई है; इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें।
12. 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.	12. 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।
13. 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 V.H. candidates only.	13. आकृति से सम्बन्धित प्रश्न संख्या 39 से 50 एवं 144 से 150 के बदले में केवल दृष्टिबाधित उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं।
14. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions in Part A and Part C of this Booklet.	14. कोई रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है। रफ़ कार्य के लिए स्थान भाग क और भाग ग में प्रश्नों के नीचे दिया गया है।
15. "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."	15. "परीक्षा हॉल/कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। प्रत्याशियों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फोन 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।"

इस पुस्तिका की सील/पॉलीथीन बैग तब तक न खोलें जब तक कहा न जाए

DA 2013

Part - A

GENERAL INTELLIGENCE & REASONING

Directions : In Question Nos. 1 to 6, select the related word/letters/numbers from the given alternatives.

1. Dog : Puppy :: Cat : ?  
 (A) Calf (B) Kid  
 (C) Kitten (D) Cub
2. 138 : 161 :: 144 : ?  
 (A) 165 (B) 166  
 (C) 167 (D) 168
3. ? : 72 :: 06 : 42  
 (A) 12 (B) 03  
 (C) 09 (D) 10
4. D : 25 :: F : ?  
 (A) 36 (B) 49  
 (C) 40 (D) 50
5. ACE : VXZ :: FHJ : ?  
 (A) VXZ (B) TVX  
 (C) PRT (D) QSU
6. Milk : Cream :: ?  
 (A) College : Student  
 (B) Sugar : Salt  
 (C) Clay : Pottery  
 (D) Fruit : Guava

Directions : In Question Nos. 7 to 12, find the odd word/number/letters/number pair from the given alternatives.

7. (A) Prize (B) Gift  
 (C) Award (D) Charity
8. (A) E (B) O  
 (C) P (D) U
9. (A) ULEP (B) SERT  
 (C) OUSQ (D) ACID
10. (A) 256671 (B) 257931  
 (C) 276471 (D) 265391
11. (A) 343-7 (B) 516-8  
 (C) 216-6 (D) 729-9
12. (A) River (B) Lake  
 (C) Dam (D) Pond

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

1. Cut
  2. Put on
  3. Sew
  4. Measure
  5. Chalk mark
- (A) 4, 5, 1, 3, 2 (B) 5, 4, 1, 2, 3  
 (C) 1, 2, 3, 4, 5 (D) 4, 5, 3, 1, 2

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

1. Omnipotent
  2. Omit
  3. Omniscient
  4. Omnivorous
- (A) 2 1 3 4 (B) 3 2 1 4  
 (C) 2 3 1 4 (D) 2 1 4 3

Directions : In Question Nos. 15 to 18, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

15. AMDN, GMJN, ?, RMUN  
 (A) MPON (B) MMPN  
 (C) OMRN (D) ONSU
16. 2, ?, 8, 16, 32  
 (A) 4 (B) 6 (C) 5 (D) 7
17. 2, 6, 12, 20, 30, 42, ?  
 (A) 56 (B) 60 (C) 64 (D) 48
18. -NMT, POV, RQX, ?  
 (A) TSZ (B) TPZ  
 (C) TSY (D) TRZ
19. Five years ago, the ages of Raju and Rani were in the ratio 1 : 10. Today the sum of their ages is 32 years. What will be their ages after 10 years ?  
 (A) 7, 27 (B) 17, 35  
 (C) 15, 55 (D) 18, 38
20. A and B are brothers. C and D are sisters. A's son is D's brother. How B related to C ?  
 (A) Father (B) Brother  
 (C) Grandfather (D) Uncle

SPACE FOR ROUGH WORK

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

MISUNDERSTAND

- (A) TENT ~~α~~ (B) SEND  
(C) SENT (D) MEND

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

CONFIGURATION

- (A) CONFIRM ~~α~~ (B) CONJUGAL ~~α~~  
(C) FINGER ~~α~~ (D) GOAT

23. Alphabets are coded by numbers in reverse order. When unscrambled we will get a word. Find that meaningful word hidden in one of the responses.

- (A) 26, 18, 11, 12, 13  
(B) 18, 11, 26, 13, 16  
(C) 13, 11, 18, 16, 26  
(D) 11, 18, 26, 13, 12

24. If the alphabets A to Z represent each other in the reverse order i.e. A = Z, B = Y, C = X etc., then how 'HOUR' would be written?

- (A) SLIF (B) SLFI ~~α~~  
(C) SLEI (D) None of these

25. In a certain code BRIDGE is written as FULGJH. How will FRUIT be written in the same code?

- (A) IVLXW (B) IUWXL ~~α~~  
(C) IUXLW (D) IUXWL

26. If DGKJL is coded as 14879 and KKKLJ is coded as 88897, then how can 'HDEGF' be coded?

- (A) 96854 ~~α~~ (B) 51243 ~~α~~  
(C) 52134 (D) 68549 ~~α~~

27. If  $123 = 14$  and  $323 = 22$ , then  $624 = ?$

- (A) 60 (B) 72 (C) 56 (D) 55

28. To build a wall, 254 bricks are required. Builder has to build 88 such walls. He is having 20,100 bricks & ordered 500 more. How many bricks will be require more?

- (A) 2352 (B) 1352  
(C) 1752 (D) 2052

29. Insert the correct sign and find out the result:

$$24 * 7 * 5 * 5 * 8 = 25$$

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

30.  $\sqrt{625} + \sqrt{484} = ?$

- (A) 57 (B) 37  
(C) 35 (D) 47

31. If '÷' for '+', '-' for '×', '+' for '÷' and '×' for '-', which one of the following is correct?

- (A)  $15 \times 12 \div 18 - 4 = 40$   
(B)  $72 + 9 - 13 \div 6 = 80$   
(C)  $36 + 4 - 3 \times 4 = 23$   
(D)  $56 \div 13 - 14 + 6 = 160$

Directions : In Question Nos. 32 to 34, select the missing number from the given responses.

32.  $\frac{18}{35} \quad \frac{16}{25} \quad \frac{7}{?}$

$$\frac{7}{24} \quad \frac{23}{32} \quad \frac{58}{65}$$

- (A) 19 (B) 15 (C) 13 (D) 14

33.  $\frac{2}{6} \quad \frac{4}{2} \quad \frac{6}{4}$

$$\frac{4}{6} \quad \frac{?}{2} \quad \frac{2}{4}$$

- (A) 2 (B) 4 (C) 6 (D) 8

34.  $\frac{4}{9} \quad \frac{8}{3} \quad \frac{20}{15}$

$$\frac{6}{6} \quad \frac{6}{6} \quad \frac{?}{?}$$

- (A) 22 (B) 18 (C) 16 (D) 20

35. Raja took 1 h to travel  $\frac{2}{5}$  of a journey. He then took another 1 h to travel the next  $\frac{1}{5}$  of the journey. He spent 45 min to travel the remaining 220 km. Find the distance he travelled in the whole journey.

- (A) 550 km (B) 220 km  
(C) 330 km (D) 440 km

36. P, Q, R and S are playing a game of carom. P, R and S, Q are partners. S is the right of R who is facing West. Then Q is facing.

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

SPACE FOR ROUGH WORK

**Directions :** In Question Nos. 37 and 38, two statements are followed by four/two conclusions/assumptions. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions/assumptions can definitely be drawn from the given statement. Indicate your answer.

37. Which of the following option is suitable for given question and statement?

**Statement :** Is 'Maruti Car' twice as fuel efficient as an ordinary car?

**Assumptions :** (I) A large number of people use 'Maruti Car'.  
(II) The sale of 'Maruti Car' has increased.

- (A) Assumption (I) alone is implicit.
- (B) Assumption (II) alone is implicit.
- (C) Assumptions (I) and (II) both are implicit.
- (D) Assumptions (I) and (II) are both not implicit.

38. **Statements :** (1) All scientists working in America are talented.  
(2) Some Indian scientists are working in America.

*J+A*

**Conclusions :** (1) All talented scientists are Indian.  
(2) None of Indian scientists is talented.  
(3) Some Indian scientists are talented.  
(4) Some talented Indian scientists are working in America.

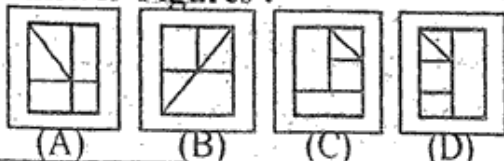
- (A) (1) & (4)
- (B) (2) only
- (C) (3) & (4)
- (D) (4) only

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

**Question Figure :**

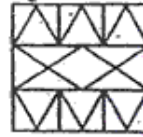


**Answer Figures :**



40. How many triangles are there in this figure?

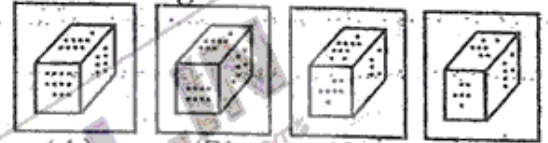
**Question Figure :**



- (A) 34
- (B) 30
- (C) 28
- (D) 26

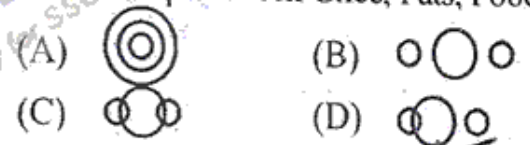
41. If the difference of odd number of dots on the opposite side faces of the cube is 6, find the figure which is correct:

**Answer Figures :**

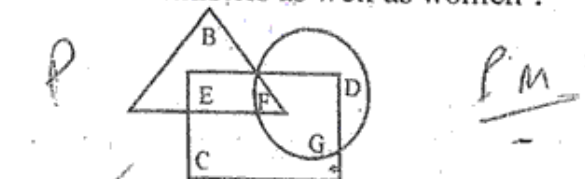


- (A)
- (B)
- (C)
- (D)

42. Which figure best represents the relationship between Ghee, Fats, Food?

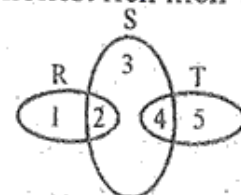


43. In the given figure, the triangle represents Parliamentarians, the square represents Ministers and the circle represents Women. Which portion represents parliamentarians who are ministers as well as women?



- (A) G
- (B) E
- (C) F
- (D) B

44. 'R' represents businessmen. 'S' represents rich men. 'T' represents honest men. Which number will represent honest rich men?

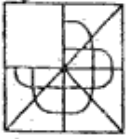


- (A) 3
- (B) 2
- (C) 5
- (D) 4

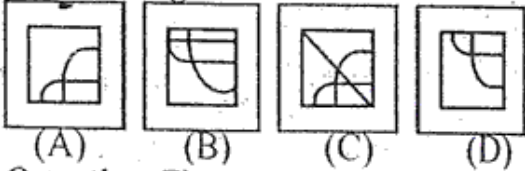
SPACE FOR ROUGH WORK

Directions : In Question Nos. 45 and 46, which answer figure will complete the pattern in the question figure?

45. Question Figure :



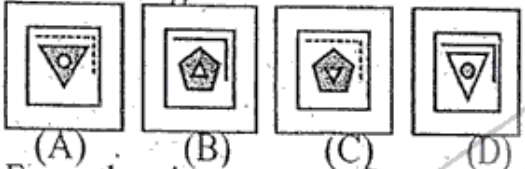
Answer Figures :



46. Question Figure :



Answer Figures :

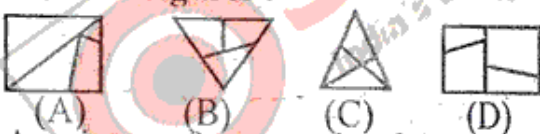


47. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question Figure :

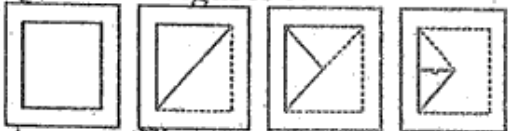


Answer Figures :

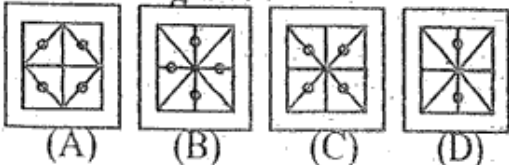


48. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

Question Figures :



Answer Figures :

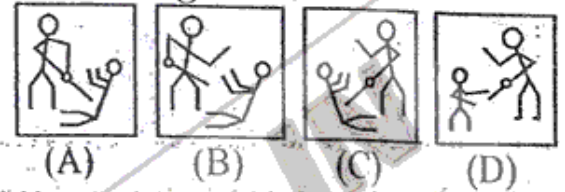


49. If a mirror is placed on the line MN, then which of the answer figure is the right image of the given figure?

Question Figure :



Answer Figures :



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 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., 'B' can be represented by 21, 33, etc., and 'R' can be represented by 67, 77 etc. Similarly, you have to identify the set for the word given 'AMAZE'.

	0	1	2	3	4
0	M	N	L	Q	R
1	P	G	D	E	Q
2	R	B	C	T	S
3	T	A	D	B	O
4	L	Z	W	N	E

	5	6	7	8	9
5	E	T	A	M	Z
6	B	S	R	A	B
7	T	N	R	K	C
8	O	C	G	E	D
9	Q	R	S	V	F

- (A) 31, 58, 86, 95, 88  
 (B) 68, 00, 31, 14, 13  
 (C) 57, 58, 13, 59, 31  
 (D) 31, 58, 57, 41, 13

SPACE FOR ROUGH WORK

## Part - B

## GENERAL AWARENESS

51. Which one of the following committees examined and suggested financial sector reforms in India ?  
 (A) Bhagawati Committee ✗  
 (B) Abid Hussain Committee ✗  
 (C) Narsimham Committee ✗  
 (D) Chelliah Committee → Indirect
52. Liberalisation, Privatisation & Globalisation are the aims of  
 (A) Economic Planning  
 (B) Socialistic pattern of society  
 (C) Land Reforms  
 (D) Economic Reforms
53. The face value of money is more than the intrinsic value for  
 (A) Bank money  
 (B) Optional money  
 (C) Token money  
 (D) Subsidiary money
54. Price rigidity is the feature of  
 (A) Perfect competitive competition  
 (B) Monopoly  
 (C) Oligopoly  
 (D) Monopolistic competition
55. Fascism believes in  
 (A) Dignity of Individual  
 (B) Propaganda  
 (C) Socialism  
 (D) Force
56. The principle of 'Kinship' is the basis for one of the following theories of origin of the state :  
 (A) Social contract theory  
 (B) Evolutionary theory  
 (C) Force theory  
 (D) Divine origin theory
57. Equilibrium of the monopolistic firm  
 (A) necessarily is profitable  
 (B) occurs where  $P = MC$   
 (C) occurs where  $MR = MC$   
 (D) occurs where  $P = MR$
58. "A person can move the Supreme Court by appropriate proceedings for the enforcement of the Fundamental Rights if violated." This is a provision in  
 (A) Right to Equality  
 (B) Right to Constitutional Remedies  
 (C) Right against Exploitation  
 (D) Right to Religious Freedom
59. The Indian Constitution has been divided into  
 (A) 16 Chapters (B) 24 Chapters  
 (C) 25 Chapters (D) 22 Chapters
60. The Supreme Court was established in Calcutta in  
 (A) 1771  
 (B) 1774  
 (C) 1775  
 (D) None of the above
61. The earliest extant Buddhist Stupa comes from  
 (A) Sanchi (B) Samath  
 (C) Bodh Gaya (D) Amaravathi
62. The Congress split into moderates and extremist in  
 (A) 1906 (B) 1905  
 (C) 1907 (D) 1908
63. The ruins of Harappa were first noticed by  
 (A) Charles Mason (B) Dr. Sahni  
 (C) M. Wheeler (D) M.S. Vats
64. Who among the following made the statement that "Swarajya is my birth right" ?  
 (A) Swami Vivekanand  
 (B) Raja Rammohan Roy  
 (C) Bal Gangadhar Tilak  
 (D) Swami Dayanand
65. Monistic theory of sovereignty is stated by  
 (A) Aristotle  
 (B) Bodin  
 (C) Austin  
 (D) None of the above

66. In spite of being located at lower latitude than Amritsar, Shimla colder because  
 (A) in Shimla it snows heavily  
 (B) in Shimla air pressure is higher  
 (C) it is at a higher altitude  
 (D) Shimla receives heavy rainfall
67. Border roads are built solely with the purpose of maintaining  
 (A) trade ties with neighbouring countries  
 (B) tourism  
 (C) security of the country  
 (D) religious ties with other countries
68. The recently commissioned Nhava Shiva port is situated in the state of  
 (A) Andhra Pradesh  
 (B) Gujarat  
 (C) Maharashtra  
 (D) Tamil Nadu
69. The word CNG in the transport network system stands for  
 (A) Chlorine Natural Gas  
 (B) Commercial Natural Gas  
 (C) Compressed Natural Gas  
 (D) Condensed Natural Gas
70. The author of 'Philosophic Zoologique' is  
 (A) Lamarck (B) Darwin  
 (C) Aristotle (D) Morgan
71. Which one of the following is both a local anesthetic as well as a stimulant?  
 (A) Cocaine (B) Alcohol  
 (C) Heroin (D) Quinine
72. The other name for phloem is  
 (A) Wood (B) Sclereid  
 (C) Fibre (D) Bast
73. *Triticum aestivum*, the common bread wheat is  
 (A) Tetraploid (B) Hexaploid  
 (C) Haploid (D) Diploid
74. Branch of Biology deals with extinct organisms :  
 (A) Palynology (B) Phylogeny  
 (C) Palaeobotany (D) Palaeontology
75. The first postage stamp was issued in  
 (A) Varanasi (B) Karachi  
 (C) Allahabad (D) Mumbai
76. The least distance of distinct vision is  
 (A) 35 cm (B) 25 cm  
 (C) 45 cm (D) 15 cm
77. In photoelectric emission, the energy of emitted electron is  
 (A) same as that of incident photon  
 (B) larger than that of incident photon  
 (C) less than that of incident photon  
 (D) proportional to the intensity of incident light
78. Angular momentum is equal to  
 (A) moment of inertia  $\times$  angular velocity  
 (B) mass  $\times$  angular velocity  $m \times \omega$   
 (C) linear velocity  $\times$  angular velocity  
 (D) mass  $\times$  linear velocity
79. Superconductivity means  
 (A) very feeble current  
 (B) very large current  
 (C) current without facing any resistance  
 (D) current due to positive particles
80. Which of the following communication modes support two-ways traffic but in only one direction at a time?  
 (A) Simplex  
 (B) Half-duplex  
 (C) Full-duplex  
 (D) Three-quarter duplex
81. WINDOWS-98 is basically  
 (A) a high level language  
 (B) an operating system  
 (C) an input device  
 (D) a machine language
82. A compound used in medicine as a pain killer is  
 (A) Urotropine (B) Chloroform  
 (C) Aspirin (D) Ethyl alcohol
83. What could be the function attributed to the transfusion tissue found in Cycas leaflets?  
 (A) Mechanical (B) Conduction  
 (C) Storage (D) Photosynthesis

84. Essential oils contain  
 (A) Alkaloids (B) Terpenoids  
 (C) Porpoise (D) Steroids
85. The percentage of carbon in steel is  
 (A) 3 to 5 (B) 0.1 to 0.25  
 (C) 0.5 to 1.5 (D) 6 to 8
86. "CEPI" stands for *for C.I.N.S.C.*  
 (A) Comprehensive Environmental Pollution Index  
 (B) Council of Environmental Pollution of India  
 (C) Centre of Environmental Pollution Indiana  
 (D) Centre of Environmental Pollution and Industries
87. The snow leopard population in India is not found in  
 (A) Jammu and Kashmir  
 (B) Arunachal Pradesh  
 (C) Himachal Pradesh  
 (D) Western Ghats
88. This tree is referred to as 'Bubabul':  
 (A) *Prosopis juliflora*  
 (B) *Leucaena leucocephala*  
 (C) *Albizzia lebbeck*  
 (D) *Pithecolobium saman*
89. Which of the following is not a component of to qualify the "Green Embassy"?  
 (A) Rain water harvesting system  
 (B) Installation of solar panels on the roof  
 (C) Installation of air treatment filter in the office ventilation system  
 (D) Daily disposal of garbage generated in the embassy
90. Which of the following is not a national holiday?  
 (A) 2<sup>nd</sup> October (B) 15<sup>th</sup> August  
 (C) 26<sup>th</sup> January (D) 25<sup>th</sup> December
91. Where do the sunrays leave India?  
 (A) Gujarat (B) Pondicherry  
 (C) Goa (D) Andaman
92. Which of the following react to produce urea?  
 (A) Ammonium Chloride + Calcium sulphate  
 (B) Carbon dioxide + Ammonia  
 (C) Acetic acid + Ammonia  
 (D) Methane + Carbon Monoxide
93. A woman who rents her womb to produce a child for others is known as  
 (A) Biological mother  
 (B) Step mother  
 (C) Surrogate mother  
 (D) Foster mother
94. The Silkworm Research and Training Institution under the Central Silk Board in India are administered by the Union Ministry of  
 (A) Forest and Tribal Welfare  
 (B) Forest and Environment  
 (C) Agricultural and Rural Development  
 (D) Commerce and Textile
95. Which Economist was awarded Nobel Prize for economics in the year 1998 for his studies on poverty and famine?  
 (A) Prof. Robert Mondell  
 (B) Gary S. Becker  
 (C) Amartya Sen  
 (D) Manmohan Singh
96. The credit of construction of first nuclear reactor goes to  
 (A) Niels Bohr (B) Fermi  
 (C) Einstein (D) Oppenheimer
97. Which of the following is a commercial crop?  
 (A) Cotton (B) Bajra  
 (C) Jowar (D) Paddy
98. Name the story written by Rabindranath Tagore?  
 (A) Unto the Last (B) Al-Balagh  
 (C) Akash (D) Kabuliwallah
99. Which of the following is not correct?  
 (A) MSP – Minimum Support Price  
 (B) NGT – National Green Tribunal  
 (C) BSF – Border Security Force  
 (D) PIL – Public Introduced Litigation
100. Bhangra is a popular folk dance of  
 (A) Haryana (B) Chandigarh  
 (C) Punjab (D) Gujarat



QUANTITATIVE APTITUDE

101. Write the next two numbers

$\frac{9}{8}, \frac{9}{4}, \frac{27}{8}, \frac{9}{2}, \dots$

(A)  $\frac{9}{1}, \frac{9}{16}$  (B)  $\frac{45}{8}, \frac{27}{4}$

(C)  $\frac{9}{16}, \frac{9}{32}$  (D)  $\frac{9}{16}, \frac{27}{32}$

102. 36 workers can do a piece of work in 55 days. 66 workers can do twice of this work in

(A) 33 days (B) 40 days

(C) 60 days (D) 44 days

103. If 10 men or 18 boys can do a piece of work in 15 days, then 15 men and 13 boys together will do twice the work in

(A)  $9\frac{1}{2}$  days (B)  $13\frac{1}{2}$  days

(C)  $14\frac{3}{4}$  days (D) 12 days

104. Kamal can do a piece of work in 12 days which Debashis can finish in 10 days. If they work at it on alternate days with Debashis beginning, in how many days, the work will be finished?

(A)  $10\frac{2}{3}$  days (B)  $10\frac{5}{6}$  days

(C)  $11\frac{3}{4}$  days (D)  $11\frac{2}{7}$  days

105. If the  $\Delta ABC$  is right angled at B, the circum radius of the sides AB and BC are 15 cm and 20 cm respectively is

(A) 17.2 cm (B) 12.7 cm

(C) 12.5 cm (D) 15.2 cm

106. In the sequence of numbers 7, 9, 13, 19, 27, 36, 49 one number is wrong.

The wrong number is

(A) 13 (B) 19 (C) 27 (D) 36

107.  $\frac{2}{3}$  of the volume of a right circular cone whose height is 21 cm and radius of the base is the radius of the circle of area  $154 \text{ cm}^2$ , is

(A)  $726\frac{3}{2} \text{ cm}^3$  (B)  $627\frac{2}{3} \text{ cm}^3$

(C)  $817\frac{3}{2} \text{ cm}^3$  (D)  $718\frac{2}{3} \text{ cm}^3$

108. List price of a sewing machine is ₹ 2,300. It is sold at a discount of 4%. Find the selling price of it.

(A) ₹ 2,200 (B) ₹ 2,280

(C) ₹ 2,180 (D) ₹ 2,208

109. A table is offered for ₹ 300 with 20% and 10% off. If in addition a discount of 5% is offered on cash payment, then cash price of the table is

(A) ₹ 240 (B) ₹ 216

(C) ₹ 210 (D) ₹ 205.20

110. A shopkeeper marks the garments at such a price that even after allowing a discount of 12.5%, he makes a profit of 10%. Find the marked price of a suit which costs ₹ 1,470.

(A) ₹ 1,850 (B) ₹ 1,760

(C) ₹ 1,800 (D) ₹ 1,848

111. The average age of 3 students is 15 years and their ages are in the proportion 2 : 3 : 4. The age of eldest student is

(A) 20 years (B) 16 years

(C) 12 years (D) 24 years

112. The diameters of two ends of a bucket are 20 cm and 10 cm and its height is 24 cm. The volume (in cc) of the bucket is

(A) 4000 (B) 4400

(C) 4040 (D)  $1885\frac{5}{7}$

SPACE FOR ROUGH WORK

113. A train running at an average speed of 48 km/hr performs a journey in 6 hrs 30 min. How long would the same journey take it after crossing 180 kms the speed was reduced to 33 km/hr?  
 (A) 7 hrs 45 min (B) 4 hrs  
 (C)  $3\frac{3}{4}$  hrs (D) 6 hrs 45 min

114. The average of the first fifteen natural numbers which leave a remainder 1 when divided by 5 is:  
 (A) 40 (B) 41 (C) 39 (D) 42

115. A T.V. manufacturer sells two televisions at ₹ 9,900 each. He earned a profit of 10% on the first one and suffered 10% loss on another. Net loss or profit percent is  
 (A)  $1\frac{1}{99}$ % profit (B)  $1\frac{1}{99}$ % loss  
 (C) 1% profit (D) 1% loss

116. 860% of 50 + 50% of 860 is equal to  
 (A) 430 (B) 516 (C) 860 (D) 960

117. How long will a train 120 m long take to clear a platform 130 m long, if its speed is 54 km/h?  
 (A)  $15\frac{2}{3}$  secs (B)  $16\frac{1}{2}$  secs  
 (C)  $15\frac{1}{2}$  secs (D)  $16\frac{2}{3}$  secs

118. The cost of making an article is divided between materials, labour and overheads in the ratio 3 : 4 : 2. If the cost of material ₹ 33.60, the cost of article is  
 (A) ₹ 100.80 (B) ₹ 11.20  
 (C) ₹ 44.80 (D) ₹ 22.40

119. A bank gives compound interest on deposits at the rate of 5% for the first year, 6% for the second year and 10% for the third year. If a deposit amounts to ₹ 12,243 at the end of third year, then the initial deposit (principal) was  
 (A) ₹ 11,500 (B) ₹ 10,000  
 (C) ₹ 10,500 (D) ₹ 11,000

120. If  $x = 1.75$ ,  $y = 0.5$  then find the value of  $4x^2 + 4xy + y^2 = ?$   
 (A) 15.75 (B) 16.00  
 (C) 16.25 (D) 16.75

121. If -2 is a root of  $2x^2 - x + k = 0$ , what is the value of k?  
 (A) 6 (B) -6 (C) 10 (D) -10

122. If  $x + \frac{1}{x} = \sqrt{3}$  find the value of  $x^{24} + x^{18}$   
 (A) 0 (B) 1 (C) 2 (D) -2

123. If  $p = 102$ , then the value of  $p(p^2 - 6p + 12)$  is  
 (A) 1000008 (B) 10000008  
 (C) 999992 (D) 9999992

124. Delhi and Jaipur are 403 km apart. An express bus leaves Delhi for Jaipur at 5 am and runs at an average speed of 60 km/hr. Another deluxe bus leaves Jaipur for Delhi at the same time and runs at an average speed of 64 km/hr. Where will the two buses meet?  
 (A) 200 km from Delhi  
 (B) 200 km from Jaipur  
 (C) 195 km from Delhi  
 (D) 195 km from Jaipur

SPACE FOR ROUGH WORK

125. If  $2r = h + \sqrt{r^2 + h^2}$ , ( $r \neq 0$ ), then find  $r : h$ .

- (A) 1 : 2 (B) 3 : 1  
(C) 1 : 1 (D) 4 : 3

126. If  $x + y = 3\sqrt{8}$ ,  $x - y = \sqrt{2}$ , then the value of  $8xy(x^2 + y^2)$  is

- (A) 5760 (B) 5440  
(C) 5360 (D) 5180

127. Find the value of  $3\sqrt{147} - \frac{7}{3}\sqrt{\frac{1}{3}} - \sqrt{\frac{1}{27}}$

- (A)  $\frac{281\sqrt{3}}{9}$  (B)  $\frac{181\sqrt{3}}{3}$   
(C)  $\frac{181\sqrt{3}}{9}$  (D)  $\frac{381\sqrt{3}}{9}$

128.  $\triangle ABC$  is a right angled triangle whose  $\angle C = 90^\circ$ , if  $CD \perp AB$  and  $BC^2 = 16$ ,  $CA^2 = 9$  find  $CD$ .

- (A)  $\frac{5}{12}$  (B)  $\frac{12}{5}$   
(C) 5 (D) 12

129.  $\triangle ABC$  is a triangle. D, E, F are the mid-points of the sides AC, AB and BC respectively. The circumcentre of the  $\triangle ABC$  will be \_\_\_\_\_. Fill up this blank with any one of the following :

- (A) Circumcentre (B) In-centre  
(C) Orthocentre (D) Centroid

130. If  $3(a^2 + b^2 + c^2) = (a + b + c)^2$  and  $a, b, c$  are non-zero real numbers, then

- (A)  $a + b = c$  (B)  $a + c = b$   
(C)  $b + c = a$  (D)  $a = b = c$

131. The number of points, in the plane of a triangle which are equidistant from the sides of the triangle is

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

132. The point of intersection of the altitudes of a triangle is known as

- (A) Centroid (B) In-centre  
(C) Orthocentre (D) Circumcentre

133. Let  $\alpha, \beta, \gamma$  be the three angles of a triangle ABC such that  $\alpha + \beta < \gamma$ . Then  $\triangle ABC$  is

- (A) Right angled (B) Acute-angled  
(C) Obtuse angled (D) Isosceles

134. If the circumcentre of a triangle lies on one of the sides then the orthocentre of the triangle lies on

- (A) one of the vertices  
(B) on the same side of the triangle  
(C) outside the triangle  
(D) strictly inside the triangle

135. The circumcentre and the orthocentre of a triangle coincides. Then

- (A) the centroid also coincides with them  
(B) the centroid will be different from them  
(C) the triangle is isosceles  
(D) the triangle is right angles

136. In  $\triangle ABC$ ,  $\angle B = 35^\circ$ ,  $\angle C = 65^\circ$  and

the bisector of  $\angle BAC$  meets  $BC$  in  $X$ .

Arrange  $\overline{AX}$ ,  $\overline{BX}$  and  $\overline{AB}$  in descending order.

(A)  $\overline{AB} = \overline{BX} = \overline{CX}$

(B)  $\overline{AB} < \overline{BX} < \overline{CX}$

(C)  $\overline{BX} < \overline{AB} < \overline{CX}$

(D)  $\overline{AB} > \overline{BX} > \overline{CX}$

SPACE FOR ROUGH WORK

137. Value of  $\frac{\sin \theta \cos \theta \tan \theta \cot \theta \sec \theta}{\operatorname{cosec} \theta}$  is  
 (A) 0 (B) 1  
 (C) 2 (D) Undefined

138. In an acute angled triangle ABC, if  $\sin 2(A+B-C) = 1$  and  $\tan(B+C-A) = \sqrt{3}$ , then the value of  $\angle B$  is  
 (A)  $60^\circ$  (B)  $30^\circ$   
 (C)  $52\frac{1}{2}^\circ$  (D)  $67\frac{1}{2}^\circ$

139. The value of  $\operatorname{cosec}^2 32^\circ - \tan^2 58^\circ$   
 (A) 0 (B) 2  
 (C) -1 (D) 1

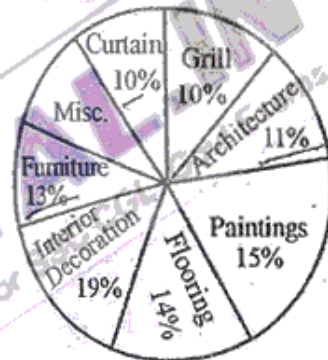
140. If  $0 \leq \theta \leq \frac{\pi}{2}$ ,  $\tan \theta = \frac{x}{y}$ , then  $\cos \theta =$   
 (A)  $\frac{\sqrt{x^2+y^2}}{y}$  (B)  $\frac{\sqrt{x^2-y^2}}{y}$   
 (C)  $\frac{y}{\sqrt{x^2+y^2}}$  (D)  $\frac{y}{\sqrt{x^2-y^2}}$

141. If  $\alpha + \beta = 90^\circ$ , then  $\operatorname{cosec}^2 \alpha + \operatorname{cosec}^2 \beta =$   
 (A)  $\sec^2 \alpha$   
 (B)  $\operatorname{cosec}^2 \alpha + \sec^2 \beta$   
 (C)  $\operatorname{cosec}^2 \alpha \operatorname{cosec}^2 \beta$   
 (D)  $\sec^2 \alpha \operatorname{cosec}^2 \beta$

142. If  $3 \tan \theta = 4$ , then the value of  $\frac{4 \sin \theta - 3 \cos \theta}{3 \sin \theta + 2 \cos \theta}$  is  
 (A)  $\frac{18}{7}$  (B)  $\frac{7}{18}$   
 (C)  $\frac{25}{18}$  (D)  $\frac{18}{25}$

143. If  $\sec^2 \theta + \tan^2 \theta = \frac{13}{12}$ , then the value of  $\sec^4 \theta - \tan^4 \theta$  is  
 (A)  $\frac{12}{13}$  (B) 1  
 (C) 0 (D)  $\frac{13}{12}$

The following pie-chart shows the estimated expenditure on decoration of a house whose total expenses are ₹ 1,20,000/-. Examine the chart and answer Ques. No. 144 to 147.



144. Fee paid for Architecture  
 (A) ₹ 12,000 (B) ₹ 13,200  
 (C) ₹ 9,600 (D) ₹ 15,600

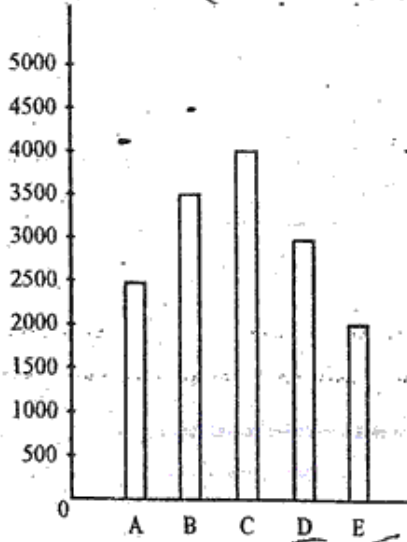
145. Expenditure on furniture and curtains  
 (A) 27,600 (B) 1,80,000  
 (C) 38,400 (D) 22,800

146. How much did they spent more on flooring than on grills?  
 (A) 1,200 (B) 2,400  
 (C) 9,600 (D) 4,800

147. Had the total amount spent on decoration been ₹ 1,50,000/- how much would have been the expenditure on miscellaneous expenses?  
 (A) 21,600 (B) 9,600  
 (C) 2,400 (D) 12,000

SPACE FOR ROUGH WORK

The bar diagram gives the no. of students in different colleges A, B, C, D and E. Study the same and answer Ques. No. 148 to 150.



148. Name the college having maximum number of students.

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

149. Average number of students in colleges A and B is more in number of students in college D by how much?

- (A) 0 (B) 3000  
(C) 2000 (D) 1000

150. The ratio between the no. of students in colleges D and E is

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

**FOR VISUALLY HANDICAPPED CANDIDATES ONLY**

144. The average age of a husband and his wife 12 years ago when they got married was 24 years. Now they have a child and the average age of the family is 26 years. Find the age of the child.

- (A) 6 years (B) 7 years  
(C) 8 years (D) 5 years

145. By selling 12 oranges for a rupee a man losses 20%. To get a gain of 20%, the number of oranges to be sold for a rupee should be  
(A) 5 (B) 8 (C) 10 (D) 15

146. There are 240 coins in 50 p., 25 p. and 10 p. of which the values are proportional to 5 : 3 : 1. The number of 25 p. coin is  
(A) 90 (B) 80 (C) 75 (D) 50

147. The sum of three numbers is 91. The second number is  $33\frac{1}{3}\%$  more than the first and the third is 60% more than the sum of the first and the second. Then the least number is  
(A) 15 (B) 17 (C) 13 (D) 14

148. Two hollow cylindrical metallic tubes have equal internal volumes. The external and internal diameters of one of these are 13 cm and 12 cm respectively and those of the other are 6.75 cm, 6 cm respectively. The cost of metal for the smaller tube is ₹ 100. Find the cost for the larger tube.

- (A) ₹ 153 (B) ₹ 155  
(C) ₹ 145 (D) ₹ 150

149. The amount on ₹ 10,00,000 compounded quarterly for 9 months at the rate of 4% per annum is

- (A) ₹ 10,30,000 (B) ₹ 10,30,301  
(C) ₹ 13,00,301 (D) ₹ 13,30,001

150. If  $\frac{1}{x+y} = \frac{1}{x} + \frac{1}{y}$ , then the value of  $x^3 - y^3$  is  
(A) -2 (B) 0 (C) 2 (D) 4

SPACE FOR ROUGH WORK

## Part - D

## ENGLISH COMPREHENSION

Directions : In Question Nos. 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. The Nile is said to be the longest /  
(A)  
than all other rivers /  
(B)  
in the eastern hemisphere. / No error  
(C) (D)

152. Everything are packed /  
(A)  
and were ready to leave. / No error  
(B) (C) (D)

153. The thief broke in the / house in the /  
(A) (B)  
dead of the night. / No error  
(C) (D)

154. It is difficult to let go /  
(A) (B)  
of bad memoirs. / No error  
(C) (D)

155. The manager told the boys /  
(A)  
that one ought to work hard /  
(B)  
to earn his living. / No error  
(C) (D)

Directions : In Question Nos. 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. You should \_\_\_\_\_ the opportunity when it comes.  
(A) cease (B) seize  
(C) sense (D) size

157. We must \_\_\_\_\_ ourselves to changing circumstances.  
(A) adopt (B) adept  
(C) adapt (D) accept

158. You should start \_\_\_\_\_ you are likely to miss the train.  
(A) indeed (B) otherwise  
(C) in fact (D) consequently

159. The hawkers are selling their \_\_\_\_\_ in the streets.  
(A) wire (B) wares  
(C) warn (D) wear

160. The manager began to doubt the \_\_\_\_\_ of his assistant.  
(A) credits (B) credit  
(C) credentials (D) chances

Directions : In Question Nos. 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. Vicissitudes  
(A) Sorrows (B) Misfortunes  
(C) Changes (D) Surprises

162. Circumscribed  
(A) Limited (B) Entangled  
(C) Destroyed (D) Eroded

163. Tirade  
(A) Denunciation (B) Eulogy  
(C) Discredit (D) Speech

**Directions :** In Question Nos. 164 to 166, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

164. Vigorous

- (A) Rough (B) Rare  
(C) Feeble (D) Artful

165. Docile

- (A) Good (B) Static  
(C) Stupid (D) Stubborn

166. Indict

- (A) Exonerate (B) Cross-examine  
(C) Prevail (D) Respond

**Directions :** In Question Nos. 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. On hearing the news of the kidnapping, she became afraid of her own shadow.

- (A) cold and distant  
(B) afraid of her own safety  
(C) very nervous and easily frightened  
(D) afraid of being alone

168. To be fair and square

- (A) worthy (B) honest  
(C) successful (D) obedient

169. She just needs forty winks in order to be able to work all night.

- (A) someone's help  
(B) to take a stroll  
(C) a short nap  
(D) a little cooperation

170. The minute she arrived at the office, she was given the pink slip.

- (A) a raise  
(B) a promotion  
(C) a letter to inform that she had lost her job  
(D) a letter to inform that she'd been transferred

171. The representatives of the two states tried to enforce a treaty which was a dead letter.

- (A) not well-thought out  
(B) no longer in force  
(C) no longer relevant  
(D) not in keeping with the changing times

**Directions :** In Question Nos. 172 to 181, a sentence — a part of the sentence is underlined. Below are given alternatives to the underlined part at (A), (B) and (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. Sheetal has just gone to her family in Mumbai.

- (A) visited  
(B) found  
(C) joined  
(D) No improvement

173. The man who had jumped into the lake managed to swim ashore.

- (A) who jumping into the lake  
(B) jumping into the lake  
(C) who jumped into the lake  
(D) No improvement

174. I am working on my assignment since Monday.

- (A) was working on my assignment  
(B) have been working on my assignment  
(C) had to be working on my assignment  
(D) No improvement

175. His journey to Sri Lanka was official, with no frills attached.

- (A) no taxes  
(B) no problems  
(C) no accompaniments  
(D) no improvement

176. Our basketball team play badly last Friday.

- (A) plays badly  
(B) played bad  
(C) played badly  
(D) No improvement

177. He is absent from the meeting.

- (A) at  
(B) in  
(C) during  
(D) No improvement

178. We are looking forward to seeing you again.

- (A) for seeing  
(B) on seeing  
(C) at seeing  
(D) No improvement

179. I came to school riding my bicycle.

- (A) by my bicycle  
(B) on my bicycle  
(C) along with my bicycle  
(D) No improvement

180. I have already read this book twice.

- (A) I already twice have read this book.  
(B) I twice have already read this book.  
(C) I have twice already read this book.  
(D) No improvement.

181. Please make it a point to send your letter at my address.

- (A) on my address  
(B) to my address  
(C) in my address  
(D) No improvement

**Directions :** In Question Nos. 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. Can be read clearly

- (A) Eligible (B) Intangible  
(C) Illegible (D) Legible

183. The act of killing one's own father

- (A) Parricide (B) Patricide  
(C) Fratricide (D) Parasite

184. An animal living on fish

- (A) Carnivore (B) Herbivore  
(C) Piscivore (D) Parasite

185. Person who directs preparation of a newspaper

- (A) Instructor (B) Auditor  
(C) Editor (D) Author

186. A person who does not think or behave like everyone else, but has independent, unusual opinions.

- (A) Hermit (B) Individual  
(C) Maverick (D) Matriarch

187. Child of unusual or remarkable talent

- (A) Prodigy (B) Genius  
(C) Geek (D) Intellectual

188. Government runs its administration through departments staffed by civil servants

- (A) Bureaucracy (B) Democracy  
(C) Aristocracy (D) Oligarchy

**Directions :** In Question Nos. 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) Inovation (B) Innovation  
(C) Innovasion (D) Inovasion

190. (A) Debauchary (B) Debouchery  
(C) Debauchery (D) Dibauchery

**Directions :** In Question Nos. 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 (Question Nos. 191 to 195)**

The saving of certain wild animals from extinction has for many years been a problem for zoologists and other specialists, but more recently the problem has become so acute, and has received so much publicity, that most people are now concerned about it. This may at first seem strange because one of the most gratifying developments of the last few years has been the passing of strict laws to protect wild animals and the consequent decline in



the hunting of big-game for sport. Why is it, then that some rare wild animals are still threatened with extinction and even some of the less rare ones are rapidly declining in number?

One reason is the 'march of civilization'. When an area is wholly cleared of vegetation to make room for new towns, factory sites or hydroelectric plant the natural home of several species is destroyed. The displaced animal must either migrate to another area or perish. Even the clearing of land for a road or an airfield may involve 'pushing back' the jungle and the smaller the area in which wild animals compete for a living, the smaller the number that can hope to survive.

191. What is meant by 'pushing back the jungle'?

- (A) To move jungle away
- (B) To compete for a living
- (C) Clearing of vegetation to make towns and factory sites
- (D) Removing the jungle

192. What has the passing of strict laws resulted in?

- (A) A problem for zoologists
- (B) The decline of big-game hunting for sport
- (C) Smaller locations for towns
- (D) Wiping out wild animals in smaller number

193. What is the main reason for an area to be wholly cleared?

- (A) The march of civilization
- (B) To make rooms for rare animals
- (C) To grow trees
- (D) To reduce the area of the jungle

194. The meaning of the word 'gratifying' is

- (A) resulting
- (B) reducing
- (C) pleasing
- (D) declining

195. According to the author what is referred to 'This may at first seem strange'?

- (A) The problem of saving certain wild animals
- (B) The hunting of big-game
- (C) The clearing vegetation
- (D) The extinction of animals

Passage - II (Question Nos. 196 to 200)

The word 'patriotism' means love for one's motherland. It is a natural feeling that almost every person possesses. If a person has no love for his motherland, he must be as good as dead. 'Love of our country' should become our motto. The love for one's motherland is more significant than all other varieties of love. This love may be there because of the physical beauty of one's motherland - its landscape, fertility or rich natural resources. But, it really is a thing to be proud of. It instills a feeling of ownness in a person and he or she comes to have an emotional hand with the land of his or her birth. This love i.e. 'patriotism is untouched by selfishness'. On the other hand a patriot is always prepared to make sacrifices for his or her country.

196. The author feels that patriotism is not linked to

- (A) pride
- (B) corruption
- (C) generosity
- (D) selfishness

197. A patriot is always

- (A) ready to glorify his country
- (B) ready to rule his country
- (C) ready to sacrifice himself for his country
- (D) ready to work for his country

198. We can pay homage to our patriots by

- (A) building memorials in their honour
- (B) making speeches in their praise
- (C) publishing their biographies
- (D) emulating them

199. The word Patriotism means

- (A) Love for one's motherland
- (B) Love for one's mother
- (C) Love for oneself
- (D) Love for one's culture

200. According to the author

- (A) All cannot love their country
- (B) Love of our country is more important than other kind of love
- (C) One should live by his motto
- (D) One should love oneself first

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