

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

Test Form No.
टेस्ट फॉर्म संख्या
129 MP 2

EB-2013

GT -

1027023

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 : परिमाणान्तरक अभिरूचि (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 पूर्ण तरह अनुपालन किया जाए, अन्यथा आपको 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 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 ।)
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 पूर्ण तरह काला करके दिखाएँ । जो अण्डाकार खान काले/नीले बॉल-पॉइंट पेन से नहीं भरे जायेंगे, 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 भरे गये 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 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



EB-2013

Part - A

GENERAL INTELLIGENCE & REASONING

1. Select the correct combination of mathematical signs to replace * signs and to balance the given equation.
 $2 * 2 * 9 * 9 * 9 * 9$
 (A) $\div + = + +$ (B) $+ + = + +$
 (C) $\times + = - \div$ (D) $- + + = \times$
2. $4\frac{1}{2} + 7\frac{1}{3} + 9\frac{1}{4} = ?$
 (A) $20\frac{1}{6}$ (B) $20\frac{1}{12}$
 (C) $21\frac{1}{12}$ (D) $15\frac{3}{4}$
3. Following equations are done on the basis of certain system. Following the same system, find out the correct answer from the four alternatives.
 $4 + 5 \times 9 \div 3 = 354$, $8 + 3 \times 6 \div 2 = 338$,
 $7 + 4 \times 6 \div 2 = ?$
 (A) 647 (B) 347 (C) 264 (D) 346
4. If \rightarrow stands for 'addition', \leftarrow stands for 'subtraction', \uparrow stands for 'division', \downarrow stands for 'multiplication', \rightarrow stands for 'equal to', which one of the following statements is correct?
 (A) $2 \downarrow 4 \leftarrow 6 \rightarrow 2 \rightarrow 6$
 (B) $5 \rightarrow 7 \leftarrow 4 \uparrow 2 \rightarrow 4$
 (C) $3 \downarrow 6 \uparrow 2 \rightarrow 3 \leftarrow 6 \rightarrow 6$
 (D) $7 \leftarrow 4 \rightarrow 3 \uparrow 6 \downarrow 1 \rightarrow 4$

Direction : In Question Nos. 5 to 7, find the missing number from the given responses :

5.

16	32	27
14	28	23
18	36	?

 (A) 19 (B) 31 (C) 29 (D) 21
6.

121	81	49	100
100	64	25	36
21	17	12	?

 (A) 15 (B) 16 (C) 13 (D) 9
7.

1	7	9
2	14	?
3	105	117

 (A) 12 (B) 26 (C) 16 (D) 20

Direction : In Question Nos. 8 to 13, select the related word/letters/number from the given alternatives.

8. Conference : Chairman :: Newspaper : ?
 (A) Reporter (B) Distributor
 (C) Printer (D) Editor
9. Suggestion : Order ::
 (A) Advise : Suggest
 (B) Smile : Serious
 (C) Plan : Implement
 (D) Anger : Shout
10. EEGH : QQST :: WWYZ : ?
 (A) MMOQ (B) IIKM
 (C) RRTV (D) PPRS
11. FOURTY : UOFYTR :: EIGHTY : ?
 (A) GIEYTH (B) IGHETY
 (C) GIETYH (D) GIEHYT
12. 482 : 241 :: 292 : ?
 (A) 286 (B) 272 (C) 146 (D) 291
13. 7 : 52 :: 17 : ?
 (A) 289 (B) 292 (C) 295 (D) 298

Direction : In Question Nos. 14 to 19, find the odd number/letters/number pair from the given alternatives.

14. (A) 243001 (B) 721001
 (C) 334001 (D) 406001
15. (A) 2W3 (B) 1Q7
 (C) 1M3 (D) 1R9
16. (A) C.V. Raman
 (B) Rabindranath Tagore
 (C) Mother Teresa
 (D) Amartya Sen
17. (A) Pond (B) Shore
 (C) River (D) Sea
18. (A) AUgPZ (B) YGLhT
 (C) MXiDV (D) KFeCO
19. (A) 8 - 27
 (B) 125 - 216
 (C) 343 - 512
 (D) 1009 - 1331

SPACE FOR ROUGH WORK

20. Which one of the given responses would be a meaningful order of the following ?
 1. Adolescence 2. Infancy
 3. Senility 4. Childhood
 5. Adulthood
 (A) 4, 1, 5, 3, 2 (B) 2, 4, 5, 1, 3
 (C) 4, 5, 1, 2, 3 (D) 2, 4, 1, 5, 3
21. Arrange the following words as per order in the dictionary :
 1. Alligator 2. Alligation
 3. Aliphatic 4. Alphabet
 5. Alteration
 (A) 3, 2, 1, 4, 5 (B) 3, 1, 2, 4, 5
 (C) 3, 1, 2, 5, 4 (D) 3, 2, 1, 5, 4
22. In the following question letters and numbers are in accordance with a pattern. Discover the pattern and pick the correct answer from the answer choices.
 Z _ 25 Y B 23 X C _ W _ 19 _ E 17
 (A) X 30 F W (B) A 21 D V
 (C) A 27 C V (D) V 21 D A
- Direction :** In Question Nos. 23 to 25, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
23. AGMS, BHNT, CIOU, ?
 (A) GHIJ (B) MNOP
 (C) DJPV (D) DEJK
24. 10, 12, 32, 34, 54, 56, ?
 (A) 74 (B) 72 (C) 76 (D) 78
25. 109, 74, 46, 25, 11, ?
 (A) 36 (B) 0 (C) 4 (D) 11
26. Kamlesh is the brother of Anil. Sundri is sister of Madan. Anil is the son of Sundri. How is Kamlesh related to Sundri ?
 (A) Nephew (B) Son
 (C) Brother (D) Father
27. Water flows out of a tap at the rate of 5 litres per minute. How many minutes would it take for filling 5 buckets of 25 litres capacity each ?
 (A) 5 minutes (B) 125 minutes
 (C) 25 minutes (D) 50 minutes
28. A is two years older than B who is twice as D and C. If the total of ages of A, B and C is 27, how old is B ?
 (A) 7 (B) 9 (C) 10 (D) 11
29. From the given alternative words, select the word which cannot be formed using the letters of the given word :
 COMPETITION
 (A) EMOTION (B) COME
 (C) TEMPT (D) NATION
30. From the given alternative words, select the word which can be formed using the letters of the given word.
 ORGANISATION
 (A) NOISE (B) ORGANISM
 (C) NATION (D) ANGER
31. How many independent meaningful words can 'BEARING' be divided into without changing the order of the letters and using each letter only once ?
 (A) Two (B) Three
 (C) Four (D) Five or more
32. In certain code the word PANIC is written as KZMRX, then the word OPERATION will be written as
 (A) NKVIZGRNM
 (B) LKVIZGRLM
 (C) NKWIZGRLM
 (D) LKVGZHRLM
33. If PWRUO is coded as 81639 and VTQUO as 24739, then how RTVOP can be coded ?
 (A) 67314 (B) 04298
 (C) 59431 (D) 27543
34. In a certain code, '785' means 'school is over', 'match is over' means '275' and 'school match' means '28'. What number will indicate the word 'match' ?
 (A) 2 (B) 7 (C) 8 (D) 5

SPACE FOR ROUGH WORK

35. Ajay initially go North, turn right, then right again and then go to the left. In which direction is he now ?
 (A) North (B) South
 (C) East (D) West

36. A man travels 12 km West, then 3 km towards South and then 8 km towards East. How far he is from his starting point ?
 (A) 23 km (B) 20 km
 (C) 15 km (D) 5 km

37. In this question one statement is given followed by two conclusions I and II. 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 can definitely be drawn from the given statement. Indicate your answer.

Statement : A physician who fails to enter the body of a patient with the lamp of knowledge and understanding can never treat diseases.

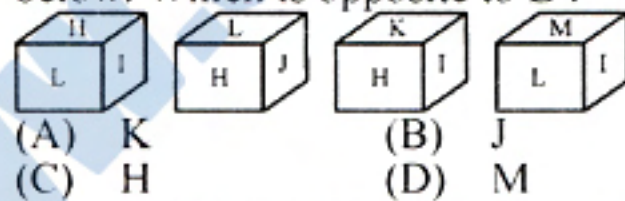
Conclusion I : A physician entering the patient's body with the lamp of knowledge and understanding can always cure him.

Conclusion II : A physician with knowledge and understanding may be able to cure the patient.

- (A) Only Conclusion I follows.
 (B) Only Conclusion II follows.
 (C) Both Conclusions I and II follow.
 (D) Neither Conclusion I nor II follow.

38. (1) Geeta weighs less than Reema.
 (2) Geeta weighs more than Seema.
 (3) Of all three girls Seema weigh's least.
 If 1st two statements are true the 3rd is
 (A) True (B) False
 (C) Uncertain (D) Vague

39. Four positions of a dice are given below. Which is opposite to L ?

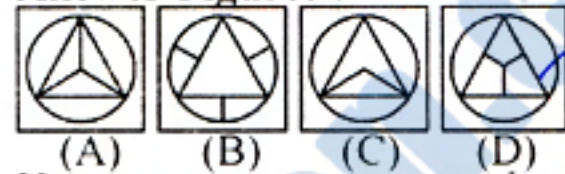


40. Identify the answer figure from which the pieces given in question figure have been cut.

Question Figure :



Answer Figures :

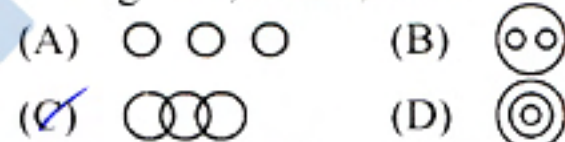


41. How many squares are there in the given figure ?



- (A) 10 (B) 11
 (C) 12 (D) 14 or more

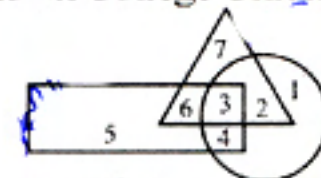
42. Which one of the following diagrams represents the correct relationship among Life, Death, Time ?



43. Which one of the following diagrams best depicts the relationship among Induction, Deduction and Dialectic method ?



44. A College provides different activities. College Union represented by triangle, Blood Donors Club represented by rectangle and AIDS Awareness Club represented by circle. Those who take part in both AIDS Awareness Club and Blood Donors Club but not in College Union are represented by



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

SPACE FOR ROUGH WORK

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

45. **Question Figure :**



Answer Figures :

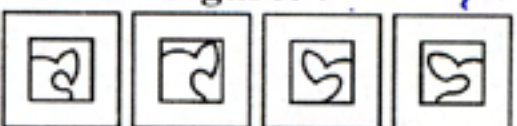


(A) (B) (C) (D)

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 :



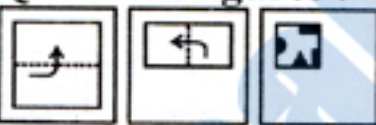
Answer Figures :



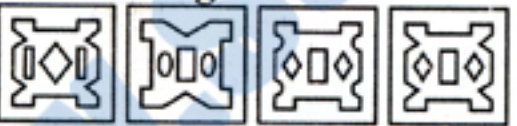
(A) (B) (C) (D)

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

Question Figure :



Answer Figures :



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

50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'A' can be represented by 14, 23., etc and 'P' can be represented by 55, 78, etc. Similarly, you have to identify the set for the word given 'REST'.

	0	1	2	3	4
0	A	B	C	D	E
1	B	C	D	E	A
2	C	D	E	A	B
3	D	E	A	B	C
4	E	A	B	C	D

	5	6	7	8	9
5	P	Q	R	S	T
6	Q	R	S	T	P
7	R	S	T	P	Q
8	S	T	P	Q	R
9	T	P	Q	R	S

- (A) 66, 13, 95, 33
 (B) 55, 66, 21, 42
 (C) 89, 22, 76, 86
 (D) 89, 22, 33, 69

SPACE FOR ROUGH WORK

**FOR VISUALLY HANDICAPPED
CANDIDATES ONLY**

39. If June is called as January, February is called as July and March is called September, then what is the sum of the days of July & September in the year 2013 ?
(A) 58 (B) 59 (C) 61 (D) 62
40. If $G = 7$, $DEAF = 16$, then $FLAG = ?$
(A) 23 (B) 28 (C) 26 (D) 36
41. $VIBGYOR : SKYIVQO$, then $ROTTEN : ?$
(A) $TQRRGQ$ (B) $TQVVCL$
(C) $OLQQBK$ (D) $OQQVBP$
42. Five young men were seen climbing a hill in a column. 'G' was spotted following 'H', 'R' was found ahead of 'G' and 'K' was noticed struggling between 'G' and 'M'. Who was observed second in climbing ?
(A) M (B) R (C) H (D) G
43. In a row of ten boys, when Rohit was shifted by two places towards the left, he became seventh from the left end. What was his earlier position from the right end of the row ?
(A) First (B) Second
(C) Fourth (D) Sixth
44. A group of alphabets is given with each being assigned a number. These have to be unscrambled into a meaningful word & correct order of letters may be indicated from the given responses :
G A R E O C U
1 2 3 4 5 6 7
(A) 4213756 (B) 3417625
(C) 6573214 (D) 1726534
45. 'Mountain' is related to 'Valley' in the same way as 'Sky' is related to
(A) Rainbow (B) Clouds
(C) Earth (D) Rain
46. Find out the term (number) that does not fit into the given series :
8, 13, 21, 32, 47, 63, 83
(A) 32 (B) 37
(C) 47 (D) 21
47. After 10 O' clock at what time between 10 p.m. and 11 p.m. will the hour hand and minute hand of a clock point in same direction ?
(A) 20 minutes past 10
(B) 30 minutes past 10
(C) 45 minutes past 10
(D) 55 minutes past 10
48. How many 7 followed by multiples of 3 and preceded by multiples of 4 ?
87967345247694306768973
(A) 5 (B) 3
(C) 2 (D) 1
49. In a parking 12 cars, 5 scooters and 8 rickshaws were parked. At 5'O clock in the evening, 2 cars were removed and 3 scooters were added. At 9 p.m., 3 cars, 5 rickshaws and 8 scooters were added. How many wheels are there in the night ?
(A) 131 (B) 123
(C) 110 (D) 113
50. If there is Saturday after 9th day of the month, what will be the day on 24th of that month ?
(A) Monday (B) Friday
(C) Saturday (D) Sunday

SPACE FOR ROUGH WORK

Part – B
GENERAL AWARENESS

51. The crops which require high temperature and grown with help of irrigation is
 (A) Zaid (B) Rabi
 (C) Monsoon (D) Kharif
52. The largest expanse of tropical forest is found in
 (A) Zaire Basin
 (B) South East Asia
 (C) Indian Sub-continent
 (D) Amazon Basin
53. Porosity of soil leads to
 (A) Poor aeration
 (B) Good Drainage
 (C) Alkaline pans formation
 (D) Encrustation
54. Which country has the highest density of population?
 (A) China (B) India
 (C) Indonesia (D) Bangladesh
55. In which one of the following economic activities does Kerala specialize?
 (A) Forestry
 (B) Plantation
 (C) Fishing
 (D) Light manufacturing industry
56. Genetic variation occurring in in vitro culture of plant tissue is known as
 (A) Somatic variation
 (B) Somaclonal variation
 (C) Clonal variation
 (D) None of the above
57. Auxin is a
 (A) Growth regulator
 (B) Growth inhibitor
 (C) Insecticide
 (D) Anti-transpirant
58. What is unique in humans?
 (A) Upright posture
 (B) Use of tools
 (C) Social structure
 (D) Articulated speech
59. ELISA-Test is used in detecting the presence of
 (A) Vitamins (B) Carbohydrates
 (C) Fats (D) Enzymes
60. Which one is the correct steps of Krebs's cycle?
 (A) Citric acid → Oxalosuccinic Acid → Isocitric Acid.
 (B) Citric Acid → Isocitric Acid → Cis Aconitic Acid → Oxalosuccinic Acid.
 (C) Citric Acid → Cis Aconitic Acid → Iso citric Acid → Oxalosuccinic Acid
 (D) Citric Acid → Malic acid → Succinic acid → Oxalosuccinic Acid.
61. Most damaging part of UV radiation is
 (A) UV-A
 (B) UV-B
 (C) UV-C
 (D) All are equally damaging.
62. An electrically charged body placed initially at rest in a uniform electric field will move with
 (A) constant speed
 (B) constant acceleration
 (C) increasing acceleration
 (D) decreasing acceleration
63. Viscosity is the property of a liquid by virtue of which it
 (A) maintains the relative motion between two different layers.
 (B) opposes the relative motion between two different layers.
 (C) produces acceleration between different layers.
 (D) spreads in all directions.
64. Electron volt (eV) is the unit of
 (A) potential difference
 (B) charge
 (C) current
 (D) energy
65. The dimensional formula for power is
 (A) $ML^{-1}T^{-3}$ (B) ML^2T^{-2}
 (C) $ML^{-1}T^{-2}$ (D) ML^2T^{-3}
66. _____ describes the organization of data and relationships within the database.
 (A) Meta data
 (B) Constraints
 (C) Schema
 (D) Data dictionary

67. Documents on the web are called _____.
 (A) Web pages
 (B) Websites
 (C) Web communities
 (D) Web tags
68. Haber's process is a method for the manufacture of
 (A) Nitric acid
 (B) Ammonia
 (C) Sulphuric acid
 (D) Sulphurous acid
69. Glucose and Fructose are
 (A) Anomers
 (B) Isomers
 (C) Epimers
 (D) None of the above
70. 'Torr' is the unit of
 (A) Pressure (B) Volume
 (C) Density (D) Temperature
71. The wire in flash bulbs is made of
 (A) Barium (B) Aluminium
 (C) Potassium (D) Magnesium
72. The Montreal Protocol on substances that depletes the Ozone layer in 1987 was established under the auspicious of
 (A) UNEP (B) UNDP
 (C) IPCC (D) FAO
73. An edaphic climax community develops mainly due to
 (A) Climatic factors
 (B) Soil factors
 (C) Biotic factors
 (D) Human perturbations
74. The main dissolved salt in sea water is
 (A) HCO_3 (B) H_3BO_4
 (C) NaCl (D) KCl
75. 'Plankton' are
 (A) Minute floating plants
 (B) Minute floating animals
 (C) Minute floating plants and animals
 (D) Minute floating insects
76. Which of the following is not a correct match?
 (A) Mahinda Rajapaksa – President of Srilanka
 (B) Hamid Karzai – President of Afghanistan
 (C) Abdulla Yameen – President of Maldives
 (D) Hamid Ansari – President of Bangladesh
77. Who is the youngest person in the NDA Cabinet formed on 26th May, 2014?
 (A) Sushma Swaraj
 (B) Najma Heptulla
 (C) Uma Bharti
 (D) Kalraj Mishra
78. Nobel Prizes are distributed annually at
 (A) Manila (B) Stockholm
 (C) Geneva (D) New York
79. The Sikh Guru who was put to death by Aurangzeb?
 (A) Banda Bahadur
 (B) Tegh Bahadur
 (C) Ramdas
 (D) Gobind Singh
80. The currency of Myanmar is
 (A) Kyat (B) Ringitt
 (C) Rupee (D) Dirham
81. The famous book "To a hunger free world" is authored by
 (A) C. Rangarajan
 (B) Dr. Manmohan Singh
 (C) M.S. Swaminathan
 (D) Amartyasen
82. Who invented the ball-point pen?
 (A) Lazlo Biro
 (B) James Perry
 (C) L.E. Waterman
 (D) John Mitchell
83. The classical dance form 'Kathakali' originated in which Indian State?
 (A) Orissa (B) Tamil Nadu
 (C) West Bengal (D) Kerala
84. Who was first Indian actress to receive the Padma Shri Award?
 (A) Smita Patil (B) Nargis Dutt
 (C) Meena Kumari (D) Madhubala
85. The Toda tribes are found in
 (A) Shillong Plateau
 (B) Nilgiris
 (C) Chota Nagpur Plateau
 (D) Rann of Kutch

86. Which of the following has the highest share in National income ?
(A) Manufacturing (registered)
(B) Manufacturing (unregistered)
(C) Banking and Insurance
(D) Mining
87. Localisation in economics refer to
(A) Localised markets
(B) Location of a firm
(C) Production of a Region
(D) Regional specialisation
88. The Foreign Exchange Management Act was adopted by the parliament in
(A) 1996 (B) 1997
(C) 1998 (D) 1999
89. Capital Issues (Control) Act was replaced by
(A) Securities Control Act
(B) Competition Act
(C) SEBI Act
(D) None of the above
90. Devaluation of currency helps in promoting
(A) Imports
(B) National income
(C) Tourism
(D) Exports
91. How many members of Rajya Sabha will retire once in every two years ?
(A) 1/3 (B) 1/4
(C) 2/3 (D) 2/5
92. Who acted as the Chairman of the Drafting Committee of the constituent assembly ?
(A) Dr. B. R. Ambedkar
(B) Jawaharlal Nehru
(C) Dr. Rajendra Prasad
(D) C.R. Rajagopalachari
93. Intellectual Property Rights were recommended and drawn up by
(A) World Bank (B) W.T.O.
(C) U.N.O. (D) MNCs
94. The word 'Satyameva Jayate' inscribed below the abacus of State emblem is in
(A) Sanskrit (B) Hindi
(C) Devanagari (D) English
95. In which of the following States Panchayati Raj was first introduced ?
(A) Karnataka (B) Tamil Nadu
(C) Rajasthan (D) Gujarat
96. The book "Common Sense" written by Thomas Paine is related to
(A) Glorious Revolution of England
(B) American War of Independence
(C) French Revolution
(D) Russian Revolution
97. By which of the following Acts, Bicameral Legislature was introduced at the centre ?
(A) Indian Councils Act, 1892
(B) Government of India Act, 1909
(C) Government of India Act, 1919
(D) Government of India Act, 1935
98. Public Works Department (P.W.D.) as a separate department was set up by
(A) Dalhousie (B) Canning
(C) Auckland (D) Wellesley
99. Who was the founder of 'Ahmedia Movement' ?
(A) Mirza Gulam Ahmed
(B) Syed Ahmed Khan
(C) Badaruddin Tayyabji
(D) Syed Shariat Allah
100. Which school of ancient Indian art is also called as Greco-Buddhist Art ?
(A) Gandharva School
(B) Amaravati School
(C) Mathura School
(D) Ajanta School

Part – C
QUANTITATIVE APTITUDE

101. If ABC is an isosceles triangle right angled at C, then AB^2 is equal to
(A) $3AC^2$ (B) $3BC^2$
(C) $2AC^2$ (D) None of these
102. Find the distance of the chord of length 16 cm from the centre of the circle of diameter 20 cm?
(A) 6 cm (B) 8 cm
(C) 12 cm (D) 16 cm
103. In a triangle ABC, $\angle A + \angle B = 65^\circ$ and $\angle B + \angle C = 140^\circ$. Then $\angle B$ is
(A) 60° (B) 50° (C) 40° (D) 25°
104. If the circumcentre of a triangle lie on the side whose adjacent angles are 45° each then find the other two sides if the radius of the circumcircle is 15 cm?
(A) 15 cm (B) 30 cm
(C) $15\sqrt{2}$ cm (D) $30\sqrt{2}$ cm
105. If $\sin \theta = \frac{a}{\sqrt{a^2 + b^2}}$, then the value of $\cot \theta$ will be
(A) $\frac{b}{a}$ (B) $\frac{a}{b}$
(C) $\frac{a}{b} + 1$ (D) $\frac{b}{a} + 1$
106. The value of $\frac{1 - \sin^2(\theta + 16^\circ)}{1 + \sin^2(\theta + 31^\circ)} \times \frac{\cos^2(\theta + 46^\circ) + \cos^2(\theta + 16^\circ)}{\operatorname{cosec}^2(\theta + 76^\circ) - \cot^2(\theta + 76^\circ)} + \{\sin(\theta + 46^\circ) \tan(\theta + 16^\circ)\}$ for $\theta = 14^\circ$ is
(A) -1 (B) 0 (C) $\frac{1}{2}$ (D) 1
107. $\sqrt[3]{(64)^{-1/6} \times (81)^{3/4} \times (64)^{2/3}}$ is
(A) 6 (B) 2 (C) 12 (D) 24
108. Six bells commence tolling together at intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together?
(A) 16 (B) 15 (C) 10 (D) 4
109. A can do a piece of work in 15 days. With the help of A, B can do it in $6\frac{2}{3}$ days. B can do it alone in
(A) 13 days (B) 8 days
(C) 10 days (D) 12 days
110. A water tank has two pipes. The empty tank is filled in 12 minutes by the 1st and the full tank is emptied by the 2nd in 20 minutes. The time required to fill the $\frac{1}{2}$ full tank when both pipes are in action is
(A) 16 mins. (B) 15 mins.
(C) 20 mins. (D) 30 mins.
111. How many days will 1648 persons take to construct a bridge, if 721 persons can build the same in 48 days?
(A) 21 days (B) 20 days
(C) 23 days (D) 24 days
112. A horse is tied to a pole fixed at one corner of a 30 m \times 30 m square field of grass, by means of a 10 m long rope. Find the area of that part of the field in which the horse can graze. (take $\pi = 3.14$).
(A) 78.5 sq. m (B) 79.5 sq. m
(C) 76.0 sq. m (D) 78.0 sq. m

SPACE FOR ROUGH WORK

113. Curved surface area of a wooden cone of slant height 12 cm is 226.08 cm^2 . The base radius of the cone is ($\pi = 3.14$)
 (A) 3 cm (B) 8 cm
 (C) 12 cm (D) 6 cm
114. The volume of metal in a hollow cylindrical pipe is 572 cm^3 . Its length is 14 cm and its external radius is 7 cm. The thickness of the pipe is
 (A) 1 cm (B) 2 cm
 (C) $7/2$ cm (D) $7/4$ cm
115. A single discount equivalent to a discount series of 30%, 20% and 10% is
 (A) 50.4% (B) 49.6%
 (C) 49.4% (D) 51%
116. A shopkeeper bought a table marked at ₹ 200 at successive discounts of 10% and 15% respectively. He spent ₹ 7 on transport and sold the table for ₹ 208. Find his profit percent.
 (A) 32% (B) 30%
 (C) 40% (D) 35%
117. A DVD is listed at ₹ 300 with a discount of 20%. The additional discount to be offered to bring the net price to ₹ 216 is
 (A) 15% (B) 10%
 (C) 8% (D) $12\frac{1}{2}\%$
118. If 10 masons working 7 hours daily can build 28 water tanks in 16 days, how many days will 12 masons working 6 hours daily take to build 36 water tanks?
 (A) 20 (B) 21 (C) 22 (D) 19
119. Two numbers are in the ratio 1 : 2 when 4 is added to each, the ratio becomes 2 : 3. Then the numbers are
 (A) 9 and 12 (B) 6 and 8
 (C) 4 and 8 (D) 6 and 9
120. The average of first 25 numbers is 10 and the average of the next 25 numbers is 12. The average of all 50 numbers is
 (A) 10 (B) 12 (C) 15 (D) 11
121. With an average speed of 40 km/hr a train reaches its destination in time. If it goes with an average speed of 35 km/hr it is late by 15 minutes. The total journey is
 (A) 75 km (B) 70 km
 (C) 80 km (D) 60 km
122. A dishonest trader claims that his selling price is equal to his cost price but weighs 900 gms instead of 1 kg, then his profit percent is
 (A) 9% (B) 10%
 (C) $11\frac{1}{9}\%$ (D) $9\frac{1}{11}\%$
123. Out of his income Mr. Raj spends 20% on house rent and 70% of the rest on household expenditure. If he saves ₹ 3,600 per month, then his total income per month in ₹ is
 (A) 10,000 (B) 15,000
 (C) 10,500 (D) 12,000
124. Two friends started for a place one by motor cycle and the other by train. The speed of motor cycle is 30 km/hr and that of train is 24 km/hr. The first one takes 6 hrs. 12 minutes to reach the destination. Find the time of reaching of second one.
 (A) 8.00 hours (B) 7.25 hours
 (C) 7.50 hours (D) 7.75 hours

SPACE FOR ROUGH WORK

125. A certain distance is covered at a certain speed. If half of this distance is covered in double the time, the ratio of the two speeds is

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

126. A certain sum, invested with interest of 8% per annum, compounded semi-annually amounts to ₹ 6,760 at the end of 1 year. The sum is

- (A) ₹ 6,000 (B) ₹ 6,520
(C) ₹ 6,250 (D) ₹ 6,500

127. The value of t for which $m^2 - \frac{3}{2}m + t$ will be a perfect square, is

- (A) $\frac{9}{4}$ (B) $\frac{9}{16}$ (C) $\frac{3}{2}$ (D) $\frac{3}{4}$

28. For any real number x, the maximum value of $4 - 6x - x^2$ is

- (A) 4 (B) 7 (C) 9 (D) 13

129. For what value of k, the following equations have no solutions?

$$9x + 4y = 9$$

$$7x + ky = 5$$

- (A) 3 (B) 4.7
(C) 28/9 (D) 9/28

130. Find the value of $\frac{1}{a+1} - \frac{1}{b+1}$,

$$\text{when } a = \sqrt{2} + 1, b = \sqrt{2} - 1$$

- (A) 0 (B) 1
(C) $1 - \sqrt{2}$ (D) $\sqrt{2} - 1$

131. If $x + y + z = 0$, then the value of $\frac{1}{x^2 + y^2 - z^2} + \frac{1}{x^2 + z^2 - y^2} + \frac{1}{y^2 + z^2 - x^2}$ is

- (A) -2 (B) $-\frac{1}{2}$ (C) 0 (D) $\frac{1}{2}$

132. If $x^3 + y^3 = 9$ and $x + y = 3$, then the value of $x^4 + y^4$ is

- (A) 81 (B) 32 (C) 27 (D) 17

133. Out of the given responses, one of the factors of $x^3 - 3x^2 + 3x + 7$ is

- (A) $x^2 - 4x + 7$ (B) $x^2 + 4x + 7$
(C) $x^2 + 4x - 7$ (D) $x^2 - 4x - 7$

134. If $x + y = 5$ then the value of $(x - 2)^3 + (y - 3)^3$ is

- (A) -1 (B) 1 (C) 2 (D) 0

135. Which of the following are not the sides of a right angled triangle?

- (A) 3, 4, 5 (B) 1, 1, $\sqrt{2}$
(C) 1, $\sqrt{3}$, 2 (D) $\sqrt{3}$, $\sqrt{4}$, $\sqrt{5}$

136. Two circles touch each other externally at a point. Then the number of direct common tangents, the circles may have, is

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

137. If G be the centroid and AD be the median of ΔABC and $AG = 4$ cm, then DG is

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

138. If the angles of a triangle are in the ratio 2 : 3 : 4, then the triangle is

- (A) equilateral (B) right angled
(C) isosceles (D) None of these

SPACE FOR ROUGH WORK

139. If $\sin \theta \cos \theta = \frac{1}{2}$, then $(\sin \theta - \cos \theta)^2 =$
 (A) 0 (B) 1 (C) 2 (D) 3

140. If $\alpha + \beta = 90^\circ$ and $\alpha : \beta = 2 : 1$, then $\tan \alpha : \tan \beta =$
 (A) 1 : 3 (B) 2 : 3
 (C) 3 : 2 (D) 3 : 1

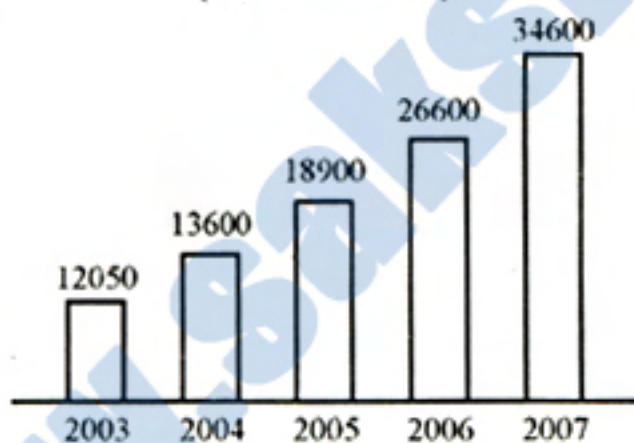
141. In a right-angled triangle ABC, $\sin(A + B) = 1$ and $\cos A = \frac{1}{2}$. Find the value of $\cos(C - B)$
 (A) 0 (B) $\frac{1}{2}$ (C) 1 (D) $\frac{1}{\sqrt{2}}$

142. The number of sides in two regular polygons are as 5 : 4 and difference between their angles is 6° . The number of sides in the polygons are
 (A) 12 & 15 (B) 12 & 13
 (C) 20 & 16 (D) 15 & 12

143. If $A + B = 90^\circ$, then the value of $\frac{2(\sin^2 A + \sin^2 B)}{\operatorname{cosec}^2(A + B)}$ will be
 (A) $\frac{1}{4}$ (B) $\frac{1}{2}$ (C) 2 (D) 1

For Questions 144 to 147 refer to the following Bar Diagram which shows the production of electronic equipment from 2003 to 2007.

Production of Electronic Equipment
 (₹ in millions)



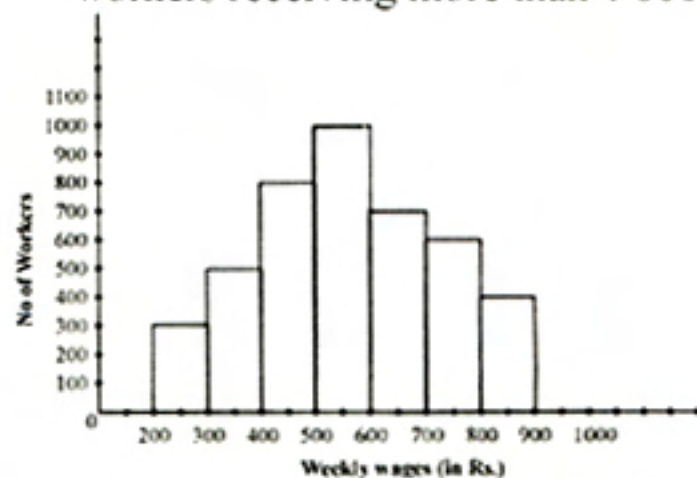
144. If the production of electronic equipment in 2003 is taken as base 100, the index of approximate production in 2007 is
 (A) 147 (B) 287 (C) 267 (D) 247

145. The increase in production of electronic equipment over the previous year for 2005 is how many times that for 2004?
 (A) 2.4 (B) 3.2 (C) 3.4 (D) 4.4

146. The average annual increase in the value of production (in ₹ million) for the given period is
 (A) 5637.5 (B) 4368.5
 (C) 5837.5 (D) 6638.5

147. Percentage of increase (approximate) in production of electronic equipment during 2005 compared to 2004 is
 (A) 19 (B) 29 (C) 57 (D) 39

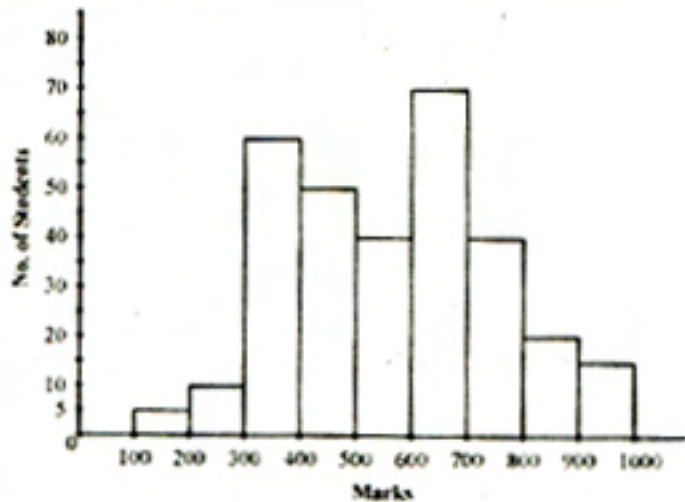
148. Adjoining Histogram of weekly wages of 4300 workers. Ratio of the number of workers receiving less than ₹ 500 wages to the number of workers receiving more than ₹ 600 is



(A) 17 : 16 (B) 16 : 17
 (C) 9 : 11 (D) 17 : 19

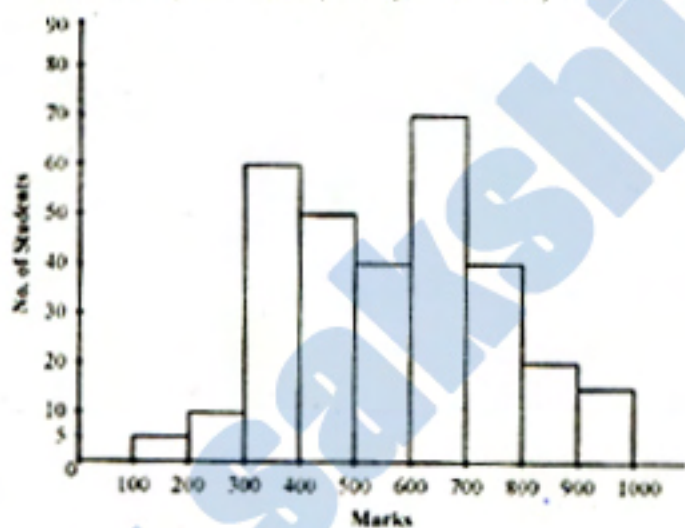
SPACE FOR ROUGH WORK

149. Adjoining figure is the Histogram of marks obtained in a examination of total marks 1000 and minimum pass marks is 300. The number of student who got more than or equal to 80% of marks are



- (A) 20 (B) 70
(C) 30 (D) 275

150. Adjoining figure is the Histogram of marks obtained in a examination. Total marks 1000 and pass marks is 300. The ratio of the number of students securing marks (800-900) to (500-600) is



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

For Visually Handicapped Candidates only

144. If $\frac{3}{4}$ of a number is 19 less than the original number, then the number is
(A) 84 (B) 64 (C) 72 (D) 76

145. If $a + p - 2 = 0$ then the value of $a^3 + 6ap + p^3 - 8$ is
(A) 1 (B) 0 (C) 2 (D) 3

146. The average of 40 students in a class is 15 years. If the age of the teacher is also included, the average becomes 16 years, then the age of the teacher is
(A) 15 yrs. (B) 16 yrs.
(C) 55 yrs. (D) 56 yrs.

147. A principal amounts ₹ 8,112 in 2 years, at 4% per annum interest rate, compounded annually. The principal is
(A) ₹ 7,200 (B) ₹ 7,500
(C) ₹ 7,800 (D) ₹ 8,000

148. The number of vertices in a cube is
(A) 6 (B) 8 (C) 10 (D) 12

149. Three numbers are in the ratio 5 : 7 : 12. If the sum of the first and the third numbers is greater than the second by 50, then the sum of the three numbers is
(A) 100 (B) 120 (C) 48 (D) 80

150. Some articles were bought at 8 for ₹ 6 and sold at 6 for ₹ 8. Gain percent is
(A) $77\frac{7}{9}$ (B) $46\frac{2}{13}$
(C) 50 (D) 150

SPACE FOR ROUGH WORK

Part – D
ENGLISH COMPREHENSION

Directions : In Question Nos. 151 to 160, a sentence/a part of the sentence is underlined. Below are given alternatives to the underlined part at (A), (B), (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed your answer is (D). Mark your answer in the Answer Sheet.

151. The speaker got confused, and started to contradict himself.
 (A) oppose himself
 (B) argue against
 (C) reject
 (D) No improvement
152. The number of people going abroad for vacations is ever increasing every year.
 (A) ever increasing
 (B) increasing
 (C) shooting
 (D) No improvement
153. Looking at the pictures of his old home made him nostalgic.
 (A) romantic
 (B) historical
 (C) philosophic
 (D) No improvement
154. I met him in the way.
 (A) on the way
 (B) at the way
 (C) during the way
 (D) No improvement
155. I shall appreciate if you kindly accept my proposal.
 (A) I would appreciate if
 (B) I shall appreciate it if
 (C) I would have appreciate if
 (D) No improvement
156. Rajesh is not very well these days.
 (A) in poverty
 (B) unwell
 (C) indifferent
 (D) No improvement
157. Nothing about the accident has come to her knowledge.
 (A) was learnt by her
 (B) has been known by her
 (C) is known to her
 (D) No improvement

158. Will you let me borrow some money in this hour of need ?
 (A) lend me some rupees
 (B) let me borrow a few rupees
 (C) lend me some money
 (D) No improvement
159. The autumn season of Parliament will begin on Monday.
 (A) session
 (B) cession
 (C) mission
 (D) No improvement
160. The boy said that he has read the book.
 (A) he has already read
 (B) he had read
 (C) he has finished to read
 (D) No improvement

Directions : In Question Nos. 161 to 167, 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.

161. A state where no law and order exists
 (A) Monarchy (B) Mobocracy
 (C) Anarchy (D) Democracy
162. He is my partner in crime.
 (A) Friend (B) Accomplice
 (C) Neighbour (D) Companion
163. Her speech could not be heard by those sitting in the last few rows.
 (A) Imperceptible (B) Indelible
 (C) Inaudible (D) Ineffable
164. A short trip or excursion
 (A) Rambler (B) Jaunt
 (C) Detour (D) Stroller
165. Motive or incitement to action
 (A) Remark (B) Contract
 (C) Proposition (D) Incentive
166. Science or practice of map drawing
 (A) Chirography (B) Xerography
 (C) Cartography (D) Pictography
167. A speaker's platform
 (A) Stage (B) Stand
 (C) Pulpit (D) Podium

Directions : In Question Nos. 168 and 169, 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.

168. (A) Conoiseur (B) Conoisneur
(C) Connoisseur (D) Cannoisseur

169. (A) Miscellaneous
(B) Miscelaneous
(C) Misscellaneous
(D) Miscelleneous

Directions : In Question Nos. 170 to 179, 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. 170 to 174)

Opera refers to a dramatic art form, originating in Europe, in which the emotional content is conveyed to the audience as much through music, both vocal and instrumental, as it is through the lyrics. By contrast, in musical theatre an actor's dramatic performance is primary, and the music plays a lesser role. The drama in opera is presented using the primary elements of theatre such as scenery, costumes and acting. However, the words of the opera, or libretto, are sung rather than spoken. The singers are accompanied by a musical ensemble ranging from a small instrumental ensemble to a full symphonic orchestra.

170. It is pointed out in the passage that opera
(A) has developed under the influence of musical theatre.
(B) is a drama that is not dependent on music.
(C) is not a high-budget production.
(D) is originated in Europe.

171. We can understand from the passage that

(A) audiences are captivated more by the lyrics than by the music.
(B) in opera lyrics are as important as the music.
(C) orchestras in operas do not vary in size.
(D) musical theatre relies, above all, on music.

172. It is stated in the passage that

(A) acting and costumes are secondary to music in musical theatre.
(B) many people find musical theatre more captivating than opera.
(C) music in musical theatre is not as important as it is in opera.
(D) an opera requires a huge orchestra as well as a large choir.

173. A libretto is

(A) the main character who is the liberator at the climax of the scene.
(B) the words of the opera.
(C) a musical composition which is played in a slow leisurely manner.
(D) the sequence of well controlled, graceful movements performed as a display of skill.

174. The word "conveyed" also means

(A) transmit (B) tote
(C) keep (D) dissuade

Passage – II

(Question Nos. 175 to 179)

These days we hear a lot about science, but scientists, the men and women who do the work and make the discoveries, seem distant and strange to us. Science often appears to be very difficult and

sometimes even magical. It is difficult of course, but we are wrong if we believe that we cannot understand it. The chief thing about the scientific method is that we get the answers to questions by making tests. The man, to take an example, who finds his bicycle tyre is flat will pump some air into it. Suppose one hour later the tyre is flat again, if the man is wise, he will first test the valve in water. If he finds air is escaping from it he will put in a new piece of valve-rubber and then pump up the tyre. All should then be well again. This man is using a simple form of scientific method.

If the man was very 'unscientific' he might say to himself that an evil spirit had caused the tyre to go flat.

175. What do people talk a lot about these days ?
 (A) science
 (B) magic
 (C) men and women
 (D) work
176. What is the common man's attitude towards scientists ?
 (A) They are wrong.
 (B) They seem distant and strange.
 (C) They are wise.
 (D) They are difficult.
177. If we use the scientific method how do we get answers to questions ?
 (A) By believing
 (B) By example
 (C) By making tests
 (D) By methods
178. If a man does not use the scientific approach, what will he attribute the flat tyre to ?
 (A) An evil spirit
 (B) The rubber valve
 (C) The bicycle
 (D) Magic
179. The antonym of believe is
 (A) reveal (B) disbelieve
 (C) agree (D) deny

Directions : In Question Nos. 180 to 184, 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.

180. They dreamed of a society / (A)
where everyone / were equal. / (C)
 (B)
No error
 (D)
181. On Senegal / it is considered impolite, / (B)
 (A)
if you do not share your food. / (C)
 (D)
No error
182. We discussed about the problem / (A)
 (A)
thoroughly / on the eve of the / (B)
 (B)
examination / that I found it very / (C)
 (C)
easy to work it out. / No error
 (D)
183. The wise father told him / that the / (A)
 (A)
mangoes had gone bad as they were / (B)
 (B)
in contact with the one rotten mango. / (C)
 (C)
No error
 (D)
184. The box of eggs / are lying / (B)
 (A)
on the table. / No error
 (C) / (D)

Directions : In Question Nos. 185 to 189 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.

185. James Watt _____ the steam engine.
 (A) invented (B) discovered
 (C) founded (D) find
186. After saying that Beverly made too many mistakes, Bob added insult to injury by saying _____.
 (A) they were small mistakes
 (B) she worked very slowly
 (C) her work was excellent
 (D) work at a remarkable pace
187. Losing that job was a blessing in disguise because she _____.
 (A) get a much better job
 (B) lost her house
 (C) unemployed for years
 (D) was able to shop
188. All teachers agree that Paresh is the _____ intelligent boy in his class.
 (A) more (B) most
 (C) very (D) only
189. The State is home to several destinations of _____ beauty.
 (A) paralleled (B) unparalleled
 (C) inequal (D) equal

Directions : In Question Nos. 190 to 192 out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

190. Tepid
 (A) Hot (B) Warm
 (C) Cold (D) Boiling
191. Canny
 (A) Obstinate (B) Proud
 (C) Stout (D) Clever
192. Humane
 (A) Sympathetic (B) Spirit
 (C) Straight (D) Source

Directions : In Question Nos. 193 to 195, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

193. Barbarous
 (A) Ancient (B) Civilized
 (C) Gentle (D) Savage
194. Heighten
 (A) Widen (B) Decrease
 (C) Strengthen (D) Dissolve
195. Dubious
 (A) Shady (B) Delirious
 (C) Laconic (D) Certain

Directions : In Question Nos. 196 to 200, 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.

196. To be a successful lawyer, one must know how to dot one's i's and cross one's t's.
 (A) complete one task at a time
 (B) write great letters
 (C) deal with paperwork
 (D) be detailed and exact
197. When Ramu lost the money, he was down in the dumps.
 (A) accusing others of stealing
 (B) searching everywhere (check spelling)
 (C) sad and depressed
 (D) very angry at himself
198. He turned up his nose at my offer.
 (A) was taken aback by my offer.
 (B) found it hard to believe my offer.
 (C) treated my offer with contempt.
 (D) could not accept my offer
199. There are no hard and fast rules that cannot be relaxed on such an occasion.
 (A) that is difficult to solve
 (B) that can be altered
 (C) that is very quick
 (D) that cannot be altered
200. Her father strained every nerve to enable her to get settled in life.
 (A) worked very hard
 (B) spent a huge amount
 (C) tried all tricks
 (D) bribed several persons