

Test Form No.

टेस्ट फॉर्म संख्या

467 RN 3

EB-2013

GT -

1425963

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 तर्कशास्त्र (50 प्रश्न) भाग-ख : सामान्य जानकारी (50 प्रश्न) भाग-ग : परिमाणान्तरक 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 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 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 पूरे तरह काला करके दिखाएँ। जो अण्डाकार खानें 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; इस 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 सकें 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 ऑफ करके भी अपने पास न रखें। इस प्रावधान का अनुपालन न करने को परीक्षा में अनुचित उपायों का प्रयोग माना जाएगा और उनके विरुद्ध कार्रवाई की जाएगी, उनकी अभ्यर्थिता रद्द कर देने सहित।"

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



EB-2013

**Part - A**  
**GENERAL INTELLIGENCE & REASONING**

**Direction :** In Question Nos. 1 to 6 select the related word/letters/number from the given alternatives.

1. Marathon : Race :: Hibernation : ?  
(A) Winter (B) Bear  
(C) Dream (D) Sleep
2. Restaurant : Menu :: ?  
(A) Library : Catalogue  
(B) Journal : Newspaper  
(C) Book : Encyclopaedia  
(D) College : Account
3. GFĒH : MLKN :: ONMP : ?  
(A) STRO (B) LKJN  
(C) WVUX (D) MLKO
4. ENGINE : CLEGLC :: ? : KMRMP  
(A) METER (B) ROTAR  
(C) MOTOR (D) GEARN
5. 20 : 11 :: 102 : ?  
(A) 49 (B) 52 (C) 61 (D) 98
6.  $x : 11 :: x^2 : ?$   
(A) 22 (B) 121 (C) 132 (D) 154

**Direction :** In Question Nos. 7 to 12 find the odd number/letters/number pair from the given alternatives.

7. (A) Square (B) Circle  
(C) Compass (D) Rectangle
8. (A) The Mongols (B) The Huns  
(C) The Shaks (D) The Dravidians
9. (A) 753 (B) 483 (C) 654 (D) 882
10. (A) 36 - 4 (B) 13 - 8  
(C) 16 - 9 (D) 24 - 6
11. (A) DEB (B) JAD  
(C) MYN (D) HUR
12. (A) BCD NML (B) RST YXW  
(C) KLM JIH (D) HIJ TSO

13. Which one of the given responses would be a meaningful order of the following?  
1. Wood 2. Nature 3. Furniture  
4. Forest, 5. Tree  
(A) 5, 1, 2, 4, 3 (B) 3, 5, 1, 4, 2  
(C) 4, 1, 5, 2, 3 (D) 2, 4, 5, 1, 3
14. Arrange the following words as per order in the dictionary:  
1. Quiet 2. Quite 3. Quit 4. Quest  
5. Quilt  
(A) 4, 1, 5, 2, 3 (B) 4, 5, 1, 2, 3  
(C) 4, 1, 5, 3, 2 (D) 4, 5, 1, 3, 2
15. 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 26 1 25 B 2 X 3  
(A) A, Y, 24, C (B) B, X, 23, D  
(C) Z, X, 21, D (D) X, Y, Z, 22

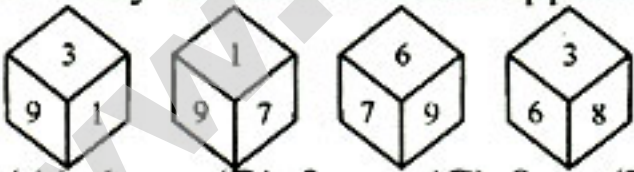
**Direction :** In Question Nos. 16 to 18, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

16. ELFA, GLHA, ILJA, ? , MLNA  
(A) KLMA (B) KLLA  
(C) OLPA (D) LLMA
17. 49, 7, 64, 8, ? , 13  
(A) 196 (B) 169 (C) 81 (D) 100
18. 1, 5, 14, 30, ?  
(A) 54 (B) 55 (C) 56 (D) 57
19. A is B's sister and C is B's mother. D is C's father. E is D's mother. How is A related to D?  
(A) Grandfather (B) Daughter  
(C) Grandmother (D) Grand daughter
20. There were 120 tigers in the sanctuary. 20% of them killed by unknown hunters, 50% of the remaining died in fire in the sanctuary. How many tigers are there in the sanctuary now?  
(A) 36 (B) 48 (C) 30 (D) 50

SPACE FOR ROUGH WORK

21. The ratio of the present ages of Sunita and Vinita is 4 : 5. Six years hence the ratio of their ages will be 14 : 17. What will be the ratio of their ages 12 years hence?  
 (A) 15 : 19 (B) 13 : 45  
 (C) 13 : 15 (D) 16 : 19
22. From the given alternative words, select the word which cannot be formed using the letters of the given word :  
 COURAGEOUS  
 (A) COURSE (B) GENEROUS  
 (C) SOURCE (D) GRACE
23. From the given alternative words, select the word which can be formed using the letters of the given word :  
 ESTABLISHMENT  
 (A) ESTEEMED (B) ESTIMATE  
 (C) TABULAR (D) ASTONISH
24. How many meaningful words of four or more letters can be formed from the letters of the word 'DIALOGUE' ?  
 (A) 5 (B) 6  
 (C) 7 (D) 8 or more
25. In a certain code BECAUSE is written as BFCBVSF. How would DOORSTEP be written in that code ?  
 (A) DOROPEST (B) DPPRSTFP  
 (C) PETSRODO (D) ROODPEST
26. In a certain code HUMANITY is written as 41526378 and NATURE is written as 627109. How is HUNTER written in that code ?  
 (A) 416690 (B) 426709  
 (C) 416790 (D) 462708
27. According to a code if 'Businessmen are exporting diamonds' is 1, 2, 3, 4, 'They are in demand' is 4, 5, 6, 7, 'Demand dollars for diamonds' is 1, 5, 8, 9 and 'Businessman pay in dollars' is 2, 6, 9, 10. What is code for 'Pay' ?  
 (A) 10 (B) 9 (C) 5 (D) 6
28. Select the correct combination of mathematical signs to replace '\*' signs and to balance the given equation :  
 $7 * 5 * 8 * 4 * 2 * 4 * 35$   
 (A)  $\times + \div + - =$  (B)  $+ \div \times + - =$   
 (C)  $- \times + = \times \div$  (D)  $\div \times + \times \div =$
29. Which of the following is not equal to 673 ?  
 (A)  $6 \times 100 + 7 \times 9 + 10$   
 (B)  $5 \times 100 + 17 \times 9 + 10$   
 (C)  $5 \times 100 + 17 \times 9 + 20$   
 (D)  $6 \times 100 + 21 \times 3 + 10$
30.  $56 + 63 = 17$  and  $45 + 54 = 11$ , then what will be the value of  $48 + 56 = ?$   
 (A) 12 (B) 16 (C) 13 (D) 18
31. State which of the expression is true, if  $\rightarrow$  stand for +,  $\leftarrow$  stands for -,  $\downarrow$  stand for  $\times$ ,  $\uparrow$  stands for  $\div$ ,  $\nwarrow$  stands for =,  $\searrow$  stand for  $>$   
 (A)  $5 \downarrow 6 \rightarrow 6 \leftarrow 12 \uparrow 4 \nwarrow 30$   
 (B)  $3 \downarrow 4 \rightarrow 15 \uparrow 3 \leftarrow 7 \nwarrow 10$   
 (C)  $10 \leftarrow 8 \rightarrow 5 \downarrow 4 \leftarrow 3 \uparrow 1 \searrow 20$   
 (D)  $6 \rightarrow 7 \rightarrow 82 \downarrow 16 \uparrow 8 \nwarrow 15$
- Direction :** In Question Nos. 32 to 34, select the missing number from the given responses.
32.  $\begin{matrix} 4 & 8 & 20 \\ 19 & 2 & ? \\ 7 & 20 & 113 \end{matrix}$   
 (A) 15 (B) 17 (C) 19 (D) 21
33.  $\begin{matrix} 6 & 15 & 3 \\ 4 & 10 & 7 \\ 6 & 15 & ? \end{matrix}$   
 (A) 3 (B) 7 (C) 10 (D) 12
34.  $\begin{matrix} 5 & 7 & 2 \\ 4 & 8 & 9 \\ 3 & 5 & 1 \\ 32 & 88 & ? \end{matrix}$   
 (A) 84 (B) 86 (C) 12 (D) 94

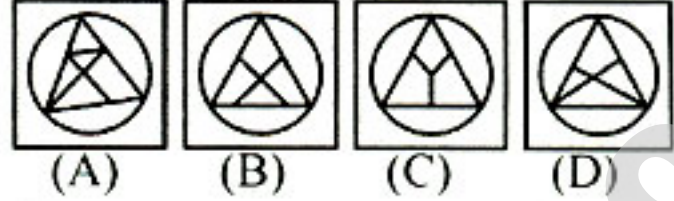
SPACE FOR ROUGH WORK

35. A cyclist goes straight 7 kms eastwards, then turns right and goes straight 3 kms, and turns right again and goes straight 10 kms. In which direction is he from the starting point?  
 (A) South-West (B) North-West  
 (C) North-East (D) South-East
36. A man walks 20 m towards East and then he turns to South and walks 50 m. Again he turns to East and walks 30 m. After this he turns to North and walks 170 m. Now, how far is he from his starting point?  
 (A) 130 m (B) 150 m  
 (C) 140 m (D) 160 m
37. Based on the information given in the statement, decide which of the suggested courses of action logically follow/s for pursuing:  
**Statement :** Applicants to std. 1<sup>st</sup> of school 'X', doubles every year; disproportionate to the capacity of the school.  
**Course of Action :** 1. Close down the school immediately.  
 2. Increase the capacity of the school as early as possible.  
 (A) Only the course of action 1 follows.  
 (B) Only the course of action 2 follows.  
 (C) Both courses of action 1 and 2 follows.  
 (D) Neither course of action 1 nor 2 follows.
38. 1. Apples cost more than oranges.  
 2. Apples cost less than mangoes.  
 3. Mangoes cost more than apples and oranges.  
 If the 1<sup>st</sup> two statements are True, then third is  
 (A) True (B) False  
 (C) Uncertain (D) Vague
39. Four positions of the dice are given below. Identify the number at the opposite to 1.  
  
 (A) 6 (B) 3 (C) 8 (D) 9

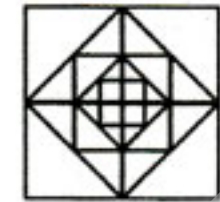
40. Which figure out of A, B, C, D is formed from the cut-out pieces given below?  
**Question Figure :**



**Answer Figures :**

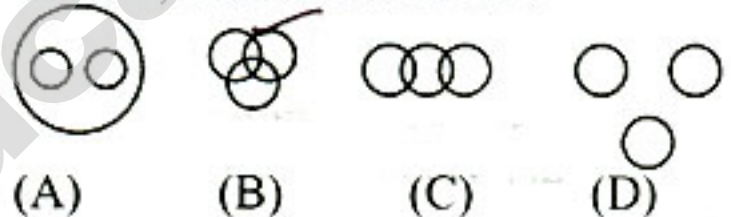


41. How many squares are there in the given figure?

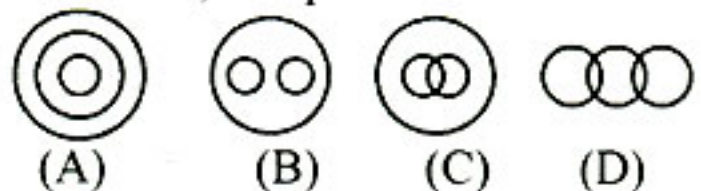


- (A) 12 (B) 13  
 (C) 16 (D) 17 or more

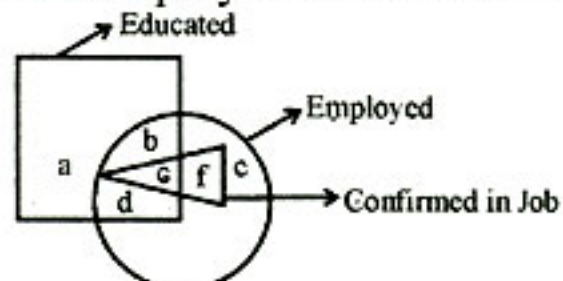
42. Which of the following diagrams indicates the best relation between teacher, men and women?



43. Which one of the following diagrams best illustrates the relationship between Criminals, Pickpockets & Arsonists?



44. Study the figure and find the region representing persons who are educated and employed but not confirmed.



- (A) a, c (B) a, b, c  
 (C) b, d (D) a, d, c

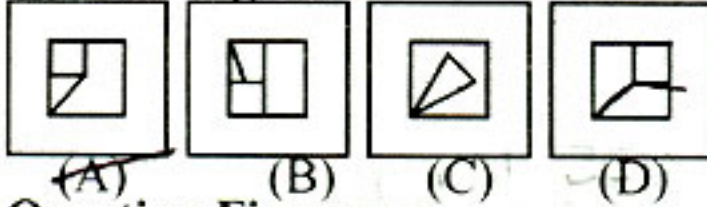
SPACE FOR ROUGH WORK

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

45. **Question Figure :**



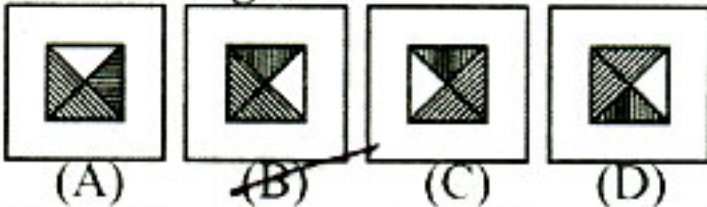
**Answer Figures :**



46. **Question Figure :**



**Answer Figures :**

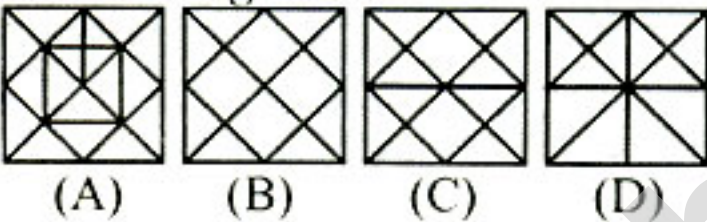


47. From the given answer figures, select the one in which the question figure is hidden/embedded.

**Question Figure :**

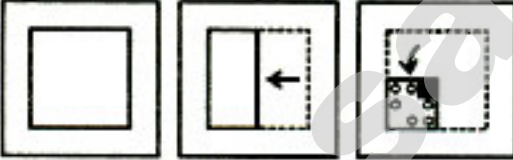


**Answer Figures :**

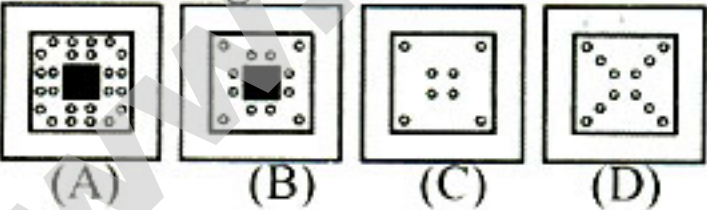


48. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

**Question Figures :**



**Answer Figures :**

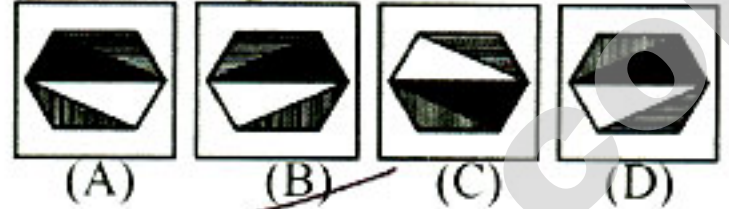


49. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure ?

**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., 'F' can be represented by 01, 12, etc., and 'E' can be represented by 66, 77, etc. Similarly, you have to identify the set for the word given TOYOTA

	0	1	2	3	4
0	A	F	K	P	U
1	U	P	F	K	A
2	F	K	P	A	U
3	K	A	U	F	P
4	P	U	A	U	F

	5	6	7	8	9
5	E	J	O	T	Y
6	J	E	T	Y	O
7	O	T	E	J	Y
8	J	O	Y	E	T
9	T	Y	J	O	E

(A) 05, 75, 96, 26, 14, 82

(B) 76, 69, 79, 57, 16, 31

(C) 58, 57, 59, 69, 67, 42

(D) 14, 23, 69, 31, 57, 69

SPACE FOR ROUGH WORK

**For Visually Handicapped Candidates only**

39. If window stands for bed, bed stands for door, mirror stands for cupboard, then where would a person keep his clothes ?

- (A) Mirror (B) Bed  
(C) Cupboard (D) Door

40. If A = 1, B = 2, C = 3 and so on, what does the following group of numbers stand for ?

- 13, 5, 4, 9, 1, 14  
(A) Mediate (B) Medial  
(C) Median (D) Media

41. If RETURN : VIXYVR, then NATURE : ?

- (A) REXVYI (B) REXYVI  
(C) REWYVI (D) REWUVI

42. Five girls sitting in a row facing you. D is sitting left to C and B is sitting right to E. A is right to C and B is left to D. If E is sitting at an end, then who is sitting in the middle ?

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

43. Some persons are standing in a queue. A girl is standing 4<sup>th</sup> from the left end and a woman is standing 15<sup>th</sup> from the right end. If there are 5 people between the girl and the woman, how many people are there in the queue ?

- (A) 24 (B) 22 (C) 26 (D) 25

44. Correct the order of letters and make a meaningful word :

U P R B I L C E

1 2 3 4 5 6 7 8

(A) 3, 2, 1, 4, 5, 6, 8, 7 RPUBLEEC

(B) 1, 2, 6, 7, 4, 3, 5, 8 UPLC

(C) 3, 8, 2, 1, 4, 6, 5, 7 REPUBLIC

(D) 2, 4, 6, 1, 5, 3, 8, 7

45. 'City' is related to 'Mayor' in the same way as 'Ward' is related to  
(A) Councillor (B) Corporator  
(C) Speaker (D) Commissioner

46. Which number is wrong in the series

$\frac{1}{9}, \frac{1}{3}, 1, 6, 9, 27$  ?

- (A)  $\frac{1}{3}$  (B) 1 (C) 9 (D) 6

47. A watch reads 4:30. If the minute hands points towards the East, in what direction will the hour hand point ?

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

48. In the given series, count how many times 3 is in between two even numbers ?

1, 3, 2, 3, 6, 7, 5, 4, 3, 2, 1, 3, 4, 5, 3, 7, 8, 3, 9, 3, 7, 6, 3, 4, 3, 2

- (A) 9 (B) 6 (C) 5 (D) 4

49. In a test, 2 marks are given for each correct answer and 1 mark is cut for each wrong answer. Ramesh got 40 marks solving all the 50 questions. How many questions did he answer were wrong ?

- (A) 30 (B) 20 (C) 40 (D) 10

50. Republic Day in 1988 was on Tuesday. What was Independence Day in 1990 ?

- (A) Monday (B) Wednesday  
(C) Friday (D) Sunday

SPACE FOR ROUGH WORK

**Part – B**  
**GENERAL AWARENESS**

51. Which of the following has the highest share in National income ?  
(A) Manufacturing (registered)  
(B) Manufacturing (unregistered)  
(C) Banking and Insurance  
(D) Mining
52. Localisation in economics refer to  
(A) Localised markets  
(B) Location of a firm  
(C) Production of a Region  
(D) Regional specialisation
53. The Foreign Exchange Management Act was adopted by the parliament in  
(A) 1996 (B) 1997  
(C) 1998 (D) 1999
54. Capital Issues (Control) Act was replaced by  
(A) Securities Control Act  
(B) Competition Act  
(C) SEBI Act  
(D) None of the above
55. Devaluation of currency helps in promoting  
(A) Imports  
(B) National income  
(C) Tourism  
(D) Exports
56. 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
57. 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
58. Intellectual Property Rights were recommended and drawn up by  
(A) World Bank (B) W.T.O.  
(C) U.N.O. (D) MNCs
59. The word 'Satyameva Jayate' inscribed below the abacus of State emblem is in  
(A) Sanskrit (B) Hindi  
(C) Devanagari (D) English
60. In which of the following States Panchayati Raj was first introduced ?  
(A) Karnataka (B) Tamil Nadu  
(C) Rajasthan (D) Gujarat
61. 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
62. 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
63. Public Works Department (P.W.D.) as a separate department was set up by  
(A) Dalhousie (B) Canning  
(C) Auckland (D) Wellesley
64. Who was the founder of 'Ahmedia Movement' ?  
(A) Mirza Gulam Ahmed  
(B) Syed Ahmed Khan  
(C) Badaruddin Tayyabji  
(D) Syed Shariat Allah
65. 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

66. The crops which require high temperature and grown with help of irrigation is  
 (A) Zaid (B) Rabi  
 (C) Monsoon (D) Kharif
67. The largest expanse of tropical forest is found in  
 (A) Zaire Basin  
 (B) South East Asia  
 (C) Indian Sub-continent  
 (D) Amazon Basin
68. Porosity of soil leads to  
 (A) Poor aeration  
 (B) Good Drainage  
 (C) Alkaline pans formation  
 (D) Encrustation
69. Which country has the highest density of population?  
 (A) China (B) India  
 (C) Indonesia (D) Bangladesh
70. In which one of the following economic activities does Kerala specialize?  
 (A) Forestry  
 (B) Plantation  
 (C) Fishing  
 (D) Light manufacturing industry
71. 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
72. Auxin is a  
 (A) Growth regulator  
 (B) Growth inhibitor  
 (C) Insecticide  
 (D) Anti-transpirant
73. What is unique in humans?  
 (A) Upright posture  
 (B) Use of tools  
 (C) Social structure  
 (D) Articulated speech
74. ELISA-Test is used in detecting the presence of  
 (A) Vitamins (B) Carbohydrates  
 (C) Fats (D) Enzymes
75. 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.
76. Most damaging part of UV radiation is  
 (A) UV-A  
 (B) UV-B  
 (C) UV-C  
 (D) All are equally damaging.
77. 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
78. 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.
79. Electron volt (eV) is the unit of  
 (A) potential difference  
 (B) charge  
 (C) current  
 (D) energy
80. The dimensional formula for power is  
 (A)  $ML^{-1}T^{-3}$  (B)  $ML^2T^{-2}$   
 (C)  $ML^{-1}T^{-2}$  (D)  $ML^2T^{-3}$
81. \_\_\_\_\_ describes the organization of data and relationships within the database.  
 (A) Meta data  
 (B) Constraints  
 (C) Schema  
 (D) Data dictionary



82. Documents on the web are called \_\_\_\_\_.  
 (A) Web pages  
 (B) Websites  
 (C) Web communities  
 (D) Web tags
83. Haber's process is a method for the manufacture of  
 (A) Nitric acid  
 (B) Ammonia  
 (C) Sulphuric acid  
 (D) Sulphurous acid
84. Glucose and Fructose are  
 (A) Anomers  
 (B) Isomers  
 (C) Epimers  
 (D) None of the above
85. 'Torr' is the unit of  
 (A) Pressure (B) Volume  
 (C) Density (D) Temperature
86. The wire in flash bulbs is made of  
 (A) Barium (B) Aluminium  
 (C) Potassium (D) Magnesium
87. 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
88. An edaphic climax community develops mainly due to  
 (A) Climatic factors  
 (B) Soil factors  
 (C) Biotic factors  
 (D) Human perturbations
89. The main dissolved salt in sea water is  
 (A)  $\text{HCO}_3^-$  (B)  $\text{H}_3\text{BO}_4$   
 (C)  $\text{NaCl}$  (D)  $\text{KCl}$
90. 'Plankton' are  
 (A) Minute floating plants  
 (B) Minute floating animals  
 (C) Minute floating plants and animals  
 (D) Minute floating insects
91. 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
92. Who is the youngest person in the NDA Cabinet formed on 26<sup>th</sup> May, 2014?  
 (A) Sushma Swaraj  
 (B) Najma Heptulla  
 (C) Uma Bharti  
 (D) Kalraj Mishra
93. Nobel Prizes are distributed annually at  
 (A) Manila (B) Stockholm  
 (C) Geneva (D) New York
94. The Sikh Guru who was put to death by Aurangzeb?  
 (A) Banda Bahadur  
 (B) Tegh Bahadur  
 (C) Ramdas  
 (D) Gobind Singh
95. The currency of Myanmar is  
 (A) Kyat (B) Ringitt  
 (C) Rupee (D) Dirham
96. The famous book "To a hunger free world" is authored by  
 (A) C. Rangarajan  
 (B) Dr. Manmohan Singh  
 (C) M.S. Swaminathan  
 (D) Amartyasen
97. Who invented the ball-point pen?  
 (A) Lazlo Biro  
 (B) James Perry  
 (C) L.E. Waterman  
 (D) John Mitchell
98. The classical dance form 'Kathakali' originated in which Indian State?  
 (A) Orissa (B) Tamil Nadu  
 (C) West Bengal (D) Kerala
99. Who was first Indian actress to receive the Padma Shri Award?  
 (A) Smita Patil (B) Nargis Dutt  
 (C) Meena Kumari (D) Madhubala
100. The Toda tribes are found in  
 (A) Shillong Plateau  
 (B) Nilgiris  
 (C) Chota Nagpur Plateau  
 (D) Rann of Kutch

**Part - C**  
**QUANTITATIVE APTITUDE**

- 101.** Given that  
 $1^2 + 2^2 + 3^2 + \dots + 10^2 = 385$   
 the value of  $2^2 + 4^2 + 6^2 + \dots + 20^2 =$   
 (A) 770 (B) 1540  
 (C) 1155 (D)  $(385)^2$
- 102.** The value of  
 $5\frac{1}{3} \div 1\frac{2}{9} \times \frac{1}{4} \left( 10 + \frac{3}{1 - \frac{1}{5}} \right)$  is  
 (A) 15 (B)  $\frac{67}{25}$   
 (C)  $\frac{128}{11}$  (D)  $\frac{128}{99}$
- 103.** A and B together can dig a trench in 12 days, which A alone can dig in 28 days; B alone can dig it in  
 (A) 20 days (B) 21 days  
 (C) 22 days (D) 23 days
- 104.** A pipe can fill a cistern in 9 hours. Due to a leak in its bottom, the cistern fills up in 10 hours. If the cistern is full, in how much time will it be emptied by the leak?  
 (A) 70 hours (B) 80 hours  
 (C) 90 hours (D) 100 hours
- 105.** A skilled, a half skilled and an unskilled labourer work for 7, 8 and 10 days respectively and they together get ₹ 369 for their work. If the ratio of their each day's work is  $\frac{1}{3} : \frac{1}{4} : \frac{1}{6}$ , then how much does the trained labourer get (in rupees)?  
 (A) 164 (B) 102.50  
 (C) 201.50 (D) 143.50
- 106.** Two cubes have their volumes in the ratio 27 : 64. The ratio of their surface areas is  
 (A) 9 : 25 (B) 16 : 25  
 (C) 9 : 16 (D) 4 : 9
- 107.** The radius of the base of a Conical tent is 12 m. The tent is 9 m high. Find the cost of canvas required to make the tent, if one square metre of canvas costs ₹ 120 (Take  $\pi = 3.14$ ).  
 (A) ₹ 67,830 (B) ₹ 67,800  
 (C) ₹ 67,820 (D) ₹ 67,824
- 108.** The difference between the radii of the bigger circle and smaller circle is 14 cm and the difference between their areas is  $1056 \text{ cm}^2$ . Radius of the smaller circle is  
 (A) 7 cm (B) 5 cm  
 (C) 9 cm (D) 3 cm
- 109.** If the discount is equal to one fifth of the marked price and the loss is half the discount, then the percentage of loss is  
 (A)  $10\frac{1}{9}\%$  (B)  $11\frac{1}{9}\%$   
 (C)  $12\frac{1}{9}\%$  (D)  $13\frac{1}{9}\%$
- 110.** Two successive discounts of 10% and 5%, in this order, are given on a bill of ₹ 110. Find the net amount of money payable to clear the bill. (answer to the nearest rupee)  
 (A) ₹ 94 (B) ₹ 95  
 (C) ₹ 96 (D) ₹ 97
- 111.** The true discount on ₹ 1,860 due after a certain time at 5% is ₹ 60. Find the time after which it is due.  
 (A) 10 months (B) 8 months  
 (C) 9 months (D) 1 year

**SPACE FOR ROUGH WORK**

112. In what ratio must 25% of alcohol be mixed with 50% of alcohol to get a mixture of 40% strength alcohol ?  
 (A) 1 : 2 (B) 2 : 1  
 (C) 2 : 3 (D) 3 : 2
113. Find two mean proportionals between 2 & 54.  
 (A) 6 & 18 (B) 6 & 12  
 (C) 12 & 18 (D) 6 & 9
114. A man had 7 children. When their average age was 12 years, a child aged 6 years died. The average age of remaining six children is  
 (A) 13 years (B) 10 years  
 (C) 11 years (D) 14 years
115. The average marks obtained by 22 candidates in an examination are 45. The average marks of the first 10 are 55 and those of the last eleven are 40. The number of marks obtained by the eleventh candidate is  
 (A) 45 (B) 0  
 (C) 50 (D) 47.5
116. A shop-keeper sold a sewing machine for ₹ 1,080 at a loss of 10%. At what price should he have sold it so as to gain 10% on it ? (in ₹)  
 (A) 1,069 (B) 1,200  
 (C) 1,230 (D) 1,320
117. A man invested ₹ 27,000 in  $12\frac{1}{2}\%$  stock at 108, then his yield percentage is  
 (A)  $18\frac{3}{4}\%$  (B)  $11\frac{31}{54}\%$   
 (C) 15% (D)  $8\frac{1}{2}\%$
118. Sarita and Julie start walking from the same place in the opposite directions. If Julie walks at a speed of  $2\frac{1}{2}$  km/hr. and Sarita at a speed of 2 km/hr., in how much time will they be 18 km apart ?  
 (A) 4.0 hrs. (B) 4.5 hrs.  
 (C) 5.0 hrs. (D) 4.8 hrs.

119. Two trains, 125 metres and 115 metres in length, are running towards each other on parallel lines, one at the rate of 33 km/hr. and the other at 39 km/hr. How much time (in seconds) will they take to pass each other from the moment they meet ?  
 (A) 8 (B) 10  
 (C) 12 (D) 15
120. A sum of money at compound interest will amount to ₹ 650 at the end of the first year and ₹ 676 at the end of the second year. The amount of money is  
 (A) ₹ 1,300 (B) ₹ 650  
 (C) ₹ 1,250 (D) ₹ 625
121. The simplest form of the expression  $\frac{p^2 - p}{2p^3 + 6p^2} \div \frac{p^2 - 1}{p^2 + 3p} \div \frac{p^2}{p + 1}$  is  
 (A)  $2p^2$  (B)  $\frac{1}{2p^2}$   
 (C)  $p + 3$  (D)  $\frac{1}{p + 3}$
122. If  $a + b + c = 4\sqrt{3}$  and  $a^2 + b^2 + c^2 = 16$ , then the ratio  $a : b : c$  is  
 (A) 1 : 1 : 1 (B)  $1 : \sqrt{2} : \sqrt{3}$   
 (C) 1 : 2 : 3 (D) None of these
123. If  $x + \frac{1}{x} = 2$ , then the value of  $\left(x^2 + \frac{1}{x^2}\right)\left(x^3 + \frac{1}{x^3}\right)$  is  
 (A) 20 (B) 4  
 (C) 8 (D) 16
124. If  $a, b, c$  be all positive integers, then the least positive value of  $a^3 + b^3 + c^3 - 3abc$  is  
 (A) 1 (B) 2  
 (C) 4 (D) 3

SPACE FOR ROUGH WORK

125. If  $a + b = 1$ ,  $c + d = 1$  and  $a - b = d/c$ , then the value of  $c^2 - d^2$  is  
 (A)  $a/b$  (B)  $b/a$   
 (C) 1 (D)  $-1$
126. When  $f(x) = 12x^3 - 13x^2 - 5x + 7$  is divided by  $(3x + 2)$ , then the remainder is  
 (A) 2 (B) 0  
 (C)  $-1$  (D) 1
127. If  $x = 3t$ ,  $y = \frac{1}{2}(t + 1)$ , then the value of  $t$  for which  $x = 2y$  is  
 (A) 1 (B)  $1/2$   
 (C)  $-1$  (D)  $2/3$
128. If  $x^2 + \frac{1}{5}x + a^2$  is a perfect square, then  $a$  is  
 (A)  $\frac{1}{100}$  (B)  $\pm \frac{1}{10}$   
 (C)  $\frac{1}{10}$  (D) 10
129. In a cyclic quadrilateral ABCD  
 $m\angle A + m\angle B + m\angle C + m\angle D = ?$   
 (A)  $90^\circ$  (B)  $360^\circ$   
 (C)  $180^\circ$  (D)  $120^\circ$
130. In a right angle triangle, the circumcentre of the triangle lies  
 (A) inside the triangle  
 (B) outside the triangle  
 (C) on midpoint of the hypotenuse  
 (D) on one the vertex
131. If two angles of a triangle are  $21^\circ$  and  $38^\circ$ , then the triangle is  
 (A) Right-angled triangle  
 (B) Acute-angled triangle  
 (C) Obtuse-angled triangle  
 (D) Isosceles triangle
132. Angle between the internal bisectors of two angles of a triangle  $\angle B$  and  $\angle C$  is  $120^\circ$ , then  $\angle A$  is  
 (A)  $20^\circ$  (B)  $30^\circ$   
 (C)  $60^\circ$  (D)  $90^\circ$
133. BE and CF are two medians of  $\triangle ABC$  and G the centroid. FE cuts AG at O. If  $OG = 2$  cm, then the length of AO is  
 (A) 2 cm (B) 4 cm  
 (C) 6 cm (D) 8 cm
134. Let ABC be an equilateral triangle and AX, BY, CZ be the altitudes. Then the right statement out of the four given responses is  
 (A)  $AX = BY = CZ$   
 (B)  $AX \neq BY = CZ$   
 (C)  $AX = BY \neq CZ$   
 (D)  $AX \neq BY \neq CZ$
135. O is the circumcentre of  $\triangle ABC$ , given  $\angle BAC = 85^\circ$  and  $\angle BCA = 55^\circ$ , find  $\angle OAC$ .  
 (A)  $40^\circ$  (B)  $50^\circ$   
 (C)  $60^\circ$  (D)  $80^\circ$
136. The angles of a triangle are in the ratio  $2 : 3 : 7$ . The measure of the smallest angle is  
 (A)  $30^\circ$  (B)  $60^\circ$   
 (C)  $45^\circ$  (D)  $90^\circ$
137. If  $x \sin 60^\circ \cdot \tan 30^\circ = \sec 60^\circ \cdot \cot 45^\circ$ , then the value of  $x$  is  
 (A) 2 (B)  $2\sqrt{3}$   
 (C) 4 (D)  $4\sqrt{3}$
138. If  $\theta = 60^\circ$ , then  $\frac{1}{2}\sqrt{1 + \sin \theta} + \frac{1}{2}\sqrt{1 - \sin \theta}$  is equal to  
 (A)  $\cot \frac{\theta}{2}$  (B)  $\sec \frac{\theta}{2}$   
 (C)  $\sin \frac{\theta}{2}$  (D)  $\cos \frac{\theta}{2}$

SPACE FOR ROUGH WORK

139. If the sum of two angles is  $135^\circ$  and their difference is  $\frac{\pi}{12}$ , then the circular measure of the greater angle is

- (A)  $\frac{2\pi}{3}$  (B)  $\frac{3\pi}{5}$   
 (C)  $\frac{5\pi}{12}$  (D)  $\frac{\pi}{3}$

140. If  $\frac{2\tan^2 30^\circ}{1 - \tan^2 30^\circ} + \sec^2 45^\circ - \sec^2 0^\circ =$

- $x \sec 60^\circ$ , then the value of  $x$  is  
 (A) 2 (B) 1  
 (C) 0 (D) -1

141. If  $\tan \theta = \frac{\sin \alpha - \cos \alpha}{\sin \alpha + \cos \alpha}$ , then  $\sin \alpha + \cos \alpha$  is

- (A)  $\pm \sqrt{2} \sin \theta$  (B)  $\pm \sqrt{2} \cos \theta$   
 (C)  $\pm \frac{1}{\sqrt{2}} \sin \theta$  (D)  $\pm \frac{1}{\sqrt{2}} \cos \theta$

142. If  $7 \sin^2 \theta + 3 \cos^2 \theta = 4$ , ( $0^\circ < \theta < 90^\circ$ ), then the value of  $\tan \theta$  is

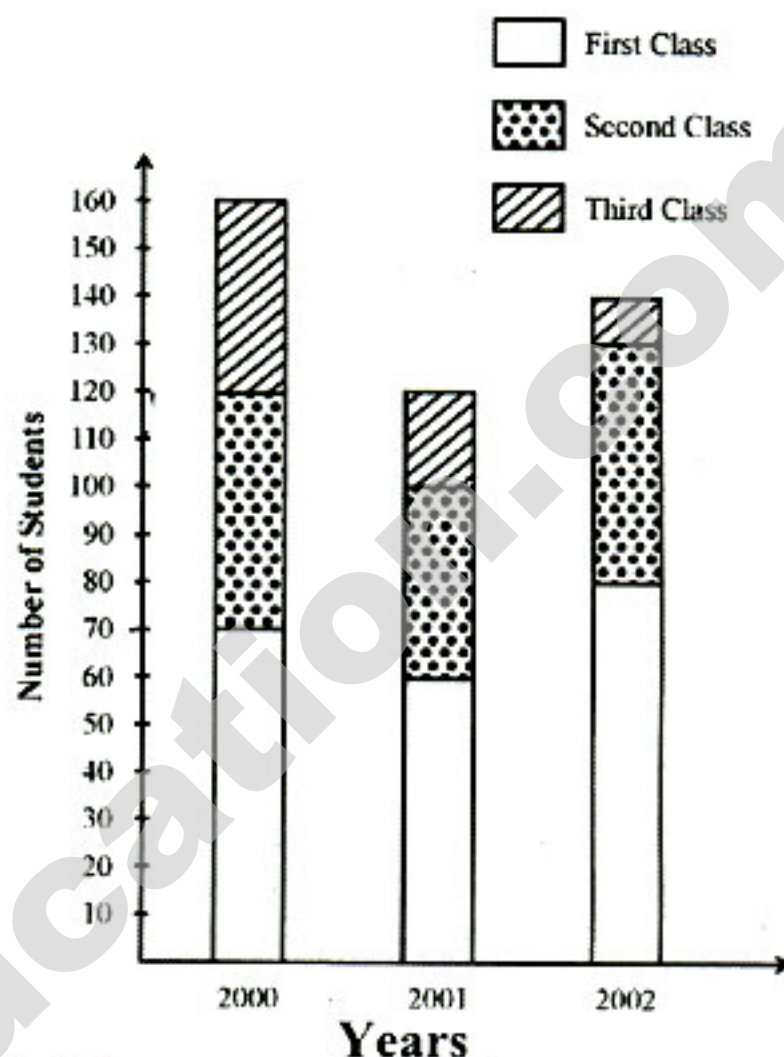
- (A)  $\frac{1}{\sqrt{3}}$  (B)  $\frac{1}{2}$   
 (C) 1 (D)  $\sqrt{3}$

143. If  $\tan 9^\circ = \frac{p}{q}$ , then the value of

$\frac{\sec^2 81^\circ}{1 + \cot^2 81^\circ}$  is

- (A)  $\frac{q}{p}$  (B) 1  
 (C)  $\frac{p^2}{q^2}$  (D)  $\frac{q^2}{p^2}$

**Direction :** The sub divided bar diagram given below depicts the result of Class XII students of a school for three years. Study the diagram and answer the question Nos. 144 to 147 :



144. The percentage of students passed with Second class in the year 2000 is

- (A)  $33\frac{1}{4}\%$  (B)  $32\frac{1}{4}\%$   
 (C)  $30\frac{1}{4}\%$  (D)  $31\frac{1}{4}\%$

145. The percentage of students passed with First class in the year 2001 is

- (A) 50% (B) 45%  
 (C) 60% (D) 65%

146. The number of students passed with Third class in the year 2002 is

- (A) 130 (B) 10  
 (C) 140 (D) 20

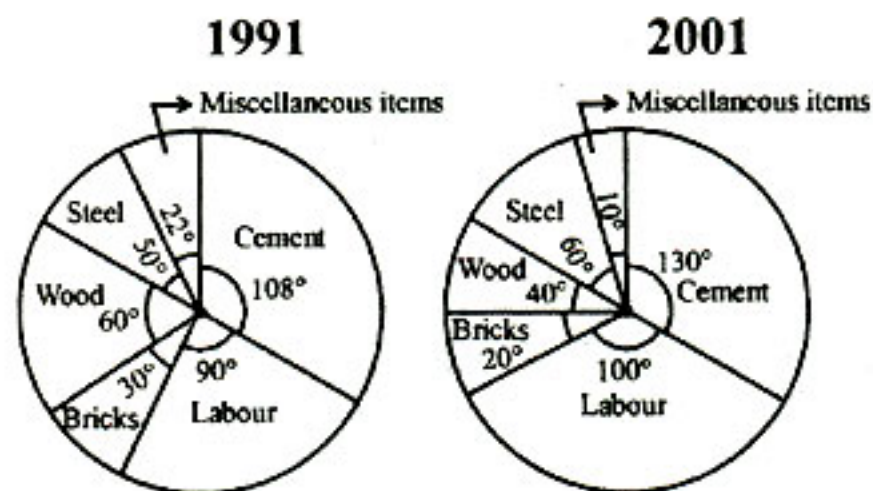
147. The number of students passed with Second class in the year 2002 is

- (A) 80 (B) 130  
 (C) 50 (D) 100

SPACE FOR ROUGH WORK

**Direction :** Pie-charts showing the expenses on various heads in construction of a house.

Study the Pie-chart and answer qns. 148 to 150.



148. What percentage of the total amount is being spent on cement in 1991 ?

- (A) 18% (B) 30%  
(C) 48% (D) 60%

149. The percentage increase in the amount spent on labour from 1991 to 2001, given that the total amount spent on the construction of the house is ₹ 3,60,000 in 1991 and ₹ 8,64,000 in 2001 is

- (A)  $3\frac{1}{9}\%$  (B)  $43\frac{1}{3}\%$   
(C)  $41\frac{2}{3}\%$  (D)  $2\frac{2}{9}\%$

150. If the total cost of constructing the house is ₹ 3,60,000 in 1991 and ₹ 8,64,000 in 2001, what is the amount spent on Steel in 1991 and 2001 ?

- (A) ₹ 2,16,000, ₹ 4,32,000  
(B) ₹ 60,000, ₹ 84,000  
(C) ₹ 80,000, ₹ 2,10,000  
(D) ₹ 50,000, ₹ 1,44,000

**FOR VISUALLY HANDICAPPED CANDIDATES ONLY**

144. The greatest number of 6 digits exactly divisible by 24, 15 and 36 is  
(A) 999720 (B) 999000  
(C) 999360 (D) 999780

145. If  $a^4 + 4b^4 = (a^2 + b^2 + xab)(a^2 + b^2 - xab)$ , then the value of  $x$  is  
(A) 1 (B) 2  
(C) 4 (D) 8

146. Of 11 observations, the average of first six observations is 90 and that of last six observations is 80. If the average of 11 observations is 87, find the sixth observation.  
(A) 73 (B) 63  
(C) 83 (D) 85

147. At what rate percent will a sum of ₹ 1,000 amount to ₹ 1,123.60 in 2 years at compound interest ?  
(A) 5% (B) 6%  
(C) 8% (D) 10%

148. The radius of a sphere is 'R'. If the radius of a circular cylinder is 'r', the height of which is  $\frac{2}{3}$  of the diameter of the sphere and if their volumes are equal, then which of the following is true ?

- (A)  $r = 2R$  (B)  $r = \frac{1}{2}R$   
(C)  $r = R$  (D)  $r = \sqrt{2}R$

149. The students in three classes are in the ratio 2 : 3 : 5. If 10 students are increased in each class, the ratio changes to 4 : 5 : 7. The total number of students in three classes before the increase was  
(A) 50 (B) 60  
(C) 55 (D) 45

150. A man sells an article at profit of 20%. If he had bought it at 20% less and sold it for ₹ 5 less, he would have gained 25%. The original cost price of the article is  
(A) ₹ 20 (B) ₹ 25  
(C) ₹ 30 (D) ₹ 35

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. They dreamed of a society /  
 (A)  
where everyone / were equal. /  
 (B) (C)  
No error  
 (D)
152. On Senegal / it is considered impolite /  
 (A) (B)  
if you do not share your food. /  
 (C)  
No error  
 (D)
153. We discussed about the problem  
 (A)  
thoroughly / on the eve of the  
 (B)  
examination / that I found it very  
 (C)  
easy to work it out. / No error  
 (D)
154. The wise father told him / that the  
 (A)  
mangoes had gone bad as they were /  
 (B)  
in contact with the one rotten mango. /  
 (C)  
No error  
 (D)
155. The box of eggs / are lying /  
 (A) (B)  
on the table. / 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. James Watt \_\_\_\_\_ the steam engine.  
 (A) invented (B) discovered  
 (C) founded (D) find
157. 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
158. 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
159. All teachers agree that Paresh is the \_\_\_\_\_ intelligent boy in his class.  
 (A) more (B) most  
 (C) very (D) only
160. The State is home to several destinations of \_\_\_\_\_ beauty.  
 (A) paralleled (B) unparalleled  
 (C) unequal (D) equal

**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. Tepid  
 (A) Hot (B) Warm  
 (C) Cold (D) Boiling
162. Canny  
 (A) Obstinate (B) Proud  
 (C) Stout (D) Clever
163. Humane  
 (A) Sympathetic (B) Spirit  
 (C) Straight (D) Source

**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. Barbarous  
(A) Ancient (B) Civilized  
(C) Gentle (D) Savage
165. Heighten  
(A) Widen (B) Decrease  
(C) Strengthen (D) Dissolve
166. Dubious  
(A) Shady (B) Delirious  
(C) Laconic (D) Certain

**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. 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
168. 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
169. 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
170. 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
171. 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

**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), (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed your answer is (D). Mark your answer in the Answer Sheet.

172. The speaker got confused, and started to contradict himself.  
(A) oppose himself  
(B) argue against  
(C) reject  
(D) No improvement
173. The number of people going abroad for vacations is ever increasing every year.  
(A) ever increasing  
(B) increasing  
(C) shooting  
(D) No improvement
174. Looking at the pictures of his old home made him nostalgic.  
(A) romantic  
(B) historical  
(C) philosophic  
(D) No improvement
175. I met him in the way.  
(A) on the way  
(B) at the way  
(C) during the way  
(D) No improvement
176. 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
177. Rajesh is not very well these days.  
(A) in poverty  
(B) unwell  
(C) indifferent  
(D) No improvement
178. 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



179. 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
180. The autumn season of Parliament will begin on Monday.  
 (A) session  
 (B) cession  
 (C) mission  
 (D) No improvement
181. 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. 182 to 188, out of the four alternatives, choose the one which can be substituted for the given words/sentences and indicate it by blackening the appropriate oval [●] in the Answer Sheet.

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

**Directions :** In Question Nos. 189 and 190, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

189. (A) Conoiseur (B) Conoisneur  
 (C) Connoisseur (D) Cannoisseur
190. (A) Miscellaneous  
 (B) Miscelaneous  
 (C) Misscellaneous  
 (D) Miscelleneous

**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)

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.

191. 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.

192. 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.

193. 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.

194. 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.

195. The word "conveyed" also means
- (A) transmit
  - (B) tote
  - (C) keep
  - (D) dissuade

### Passage – II

(Question Nos. 196 to 200)

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.

196. What do people talk a lot about these days ?

- (A) science
- (B) magic
- (C) men and women
- (D) work

197. 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.

198. 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

199. 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

200. The antonym of believe is

- (A) reveal
- (B) disbelieve
- (C) agree
- (D) deny