

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

JR

1038605

AB 2013

Test Form No.

टेस्ट फार्म संख्या

544/BJ 6

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

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

Maximum Marks : 200

अधिकतम अंक : 200

Read the following instructions carefully before you begin to answer the questions.

This Booklet contains questions in English as well as in Hindi.

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

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

INSTRUCTIONS TO CANDIDATES

- This Booklet contains 200 questions in all comprising the following four Parts :
Part - A : General Intelligence & Reasoning (50 Questions)
Part - B : General Awareness (50 Questions)
Part - C : Quantitative Aptitude (50 Questions)
Part - D : English Comprehension (50 Questions)
- In questions set bilingually in English and Hindi, in case of discrepancy, the English version will prevail.
- All questions are compulsory and carry equal marks.
- The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.
- Before you start to answer the questions you must check up this Booklet and ensure that it contains all the pages (1-32) and see that no page is missing or repeated. If you find any defect in this Booklet, you must get it replaced immediately.
- You will be supplied the Answer Sheet separately by the Invigilator. You must complete and code the details of Name, Roll Number, Ticket Number and Test Form Number on Side-I of the Answer Sheet carefully. You must also put your signature and Left-Hand thumb impression on the Answer Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your Answer Sheet will not be evaluated and you will be awarded 'ZERO' mark. (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.)
- Answers must be shown by completely blackening the corresponding ovals on Side-II of the Answer Sheet against the relevant question number by Black/Blue Ball-point Pen only. Answers which are not shown by Black/Blue Ball-point Pen will not be awarded any mark.
- A machine will read the coded information in the OMR Answer Sheet. In case the information is incomplete or different from the information given in the application form, such candidate will be awarded 'ZERO' mark.
- The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
- Failure to comply with any of the above Instructions will render a candidate liable to such action/penalty as may be deemed fit.
- The manner in which the different questions are to be answered has been explained at the back of this Booklet (Page No. 32); which you should read carefully before actually answering the questions.
- Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.
- In lieu of Question Nos. 39 to 50 and 144 to 150, relating to figural portions, alternate questions have been provided to be attempted by V.H. candidates only.
- No rough work is to be done on the Answer Sheet. Space for rough work has been provided below the questions.
- "Mobile phones and wireless communication devices are completely banned in the examination halls/rooms. Candidates are advised not to keep mobile phones/any other wireless communication devices with them even switching it off, in their own interest. Failing to comply with this provision will be considered as using unfair means in the examination and action will be taken against them including cancellation of their candidature."

उम्मीदवारों के लिए अनुदेश

- इस पुस्तिका में कुल 200 प्रश्न हैं, जिनमें निम्नलिखित चार भाग शामिल हैं :
भाग - क : सामान्य बुद्धिमत्ता एवं तर्कशक्ति (50 प्रश्न)
भाग - ख : सामान्य जानकारी (50 प्रश्न)
भाग - ग : परिमाणात्मक अभिरुचि (50 प्रश्न)
भाग - घ : अंग्रेजी परिचय (50 प्रश्न)
- अंग्रेजी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विषमता होने की स्थिति में अंग्रेजी विवरण मान्य होगा।
- सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं।
- प्रश्न पत्र में नकारात्मक अंकन होगा। हर गलत उत्तर के लिए 0.25 अंक काट दिए जाएंगे।
- 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 दोहरा तो नहीं आ गया है। यदि आप इस पुस्तिका में कोई त्रुटि पायें, तो तत्काश इसके बदले दूसरी पुस्तिका ले लें।
- निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जाएगी। उत्तर-पत्रिका के Side-I में विद्यमानों के अनुसार ध्यानपूर्वक अपना नाम, रोल नम्बर, टिकट नम्बर और टेस्ट फार्म संख्या अवश्य लिखें। प्रश्नों के उत्तर वास्तव में शुरू करने से पहले उत्तर-पत्रिका पर निर्धारित स्थान में आप अपने हस्ताक्षर एवं बायें हाथ के अंगूठे का निशान भी अवश्य लगाएँ। उपर्युक्त अनुदेशों का पूरी तरह अनुपालन किया जाए, अन्यथा आपकी उत्तर-पत्रिका को जांचा नहीं जायेगा और 'शून्य' अंक दिया जाएगा। (दृष्टिबाधित उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भर जाए। परन्तु सभी दृष्टिबाधित उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बाएँ हाथ के अंगूठे का निशान अवश्य लगाएँ। जो दृष्टिबाधित उम्मीदवार हस्ताक्षर कर सकते हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी कर दें।)
- उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिये गये सम्बन्धित अक्षराकार स्थानों को केवल काले/नीले बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ। जो अक्षराकार स्थान काले/नीले बॉल-पॉइंट पेन से नहीं भरे जाएँ, उनके लिए कोई अंक नहीं दिया जाएगा।
- ओ.एन.आर. उत्तर-पत्रिका में भरो गई कूट सूचना को एक मशीन पढ़ेगी। यदि सूचना अपूर्ण है अथवा जावेदन प्रश्न में दी गई सूचना से भिन्न है, तो ऐसे उम्मीदवारों को 'शून्य' अंक दिया जाएगा।
- परीक्षा-भवन छोड़ने से पहले परीक्षार्थी को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी चाहिए।
- इसके 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।
- निम्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृष्ठ संख्या 32) में स्पष्ट रूप निर्देशों में दे दी गई है; इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें।
- प्रश्नों के उत्तर जितनी जल्दी हो सके तथा ध्यानपूर्वक दें। कुछ प्रश्न आसान तथा कुछ कठिन हैं। किसी एक प्रश्न पर बहुत अधिक समय न लगाएँ।
- आकृति से सम्बन्धित प्रश्न संख्या 39 से 50 एवं 144 से 150 के बदले में केवल दृष्टिबाधित उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं।
- कोई रफ कार्य उत्तर-पत्रिका पर नहीं करना है। रफ कार्य के लिए स्थान प्रश्नों के नीचे दिया गया है।
- "परीक्षा हॉलों/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 अयोग्यता स्वीकार करने सहित।"

PART - A : GENERAL INTELLIGENCE & REASONING

Directions : In question nos. 1 to 3, from the given alternative words, select the word which *cannot* be formed using the letters of the given word.

1. DISTANCE

- (A) DANCE (B) STAND
(C) SANE (D) TEASE

2. RESURRECTIONIST

- (A) TOURIST (B) NOISE
(C) SORCERER (D) TENDER

3. COMMERCIALISM

- (A) CROME (B) LANCER
(C) MISER (D) OSCAR

4. If DIVINE is coded as AFSFKB, then POWERFUL is coded as

- (A) XLHOJVIM (B) MLTBDCRI
(C) MLWBOCRI (D) HLTBNCRI

5. If NOTE is written as PQVG, then TIME is written as

- (A) VQOG (B) VKOG
(C) VOKG (D) VGKO

6. If SMART is coded as UKCPV, then WONDER is coded as

- (A) YMPBRT (B) YMPBGP
(C) YMPBFP (D) YMBPPG

Directions : In question nos. 7 and 8, which of the following interchange of signs would make the given equation correct ?

7. $10 + 10 \div 10 - 10 \times 10 = 10$

- (A) + and - (B) + and \div
(C) + and \times (D) \div and +

8. $(8 - 8) + 8 \times 32 = 64$

- (A) \times , +, - (B) -, \div , +
(C) +, \div , + (D) +, \div , \times

9. If 'R' stands for '-', 'A' stands for '+', 'B' stands for ' \div ' and 'C' stands for ' \times ', then what is the value of the given equation ? (BODMAS rule will not be applicable)

$25 A 37 C 2 B 4 R 1 = ?$

- (A) 32 (B) 35 (C) 30 (D) 27

Directions : In question nos. 10 to 15, select the related letter/word/number from the given alternatives.

10. Chisel : Sculptor :: Harrow : ?

- (A) Gardener (B) Mason
(C) Blacksmith (D) Guard

11. Moon : Satellite :: Earth : ?

- (A) Sun (B) Planet
(C) Solar system (D) Round

12. BJCI : JBIC :: CXDW : ?

- (A) JCDU (B) BCJU
(C) EVFU (D) XCWD

13. AB : NO :: LM : ?

- (A) OL (B) KP
(C) PK (D) YZ

14. AG : IO :: EK : ?

- (A) LR (B) MS
(C) PV (D) SY

15. 25 : 175 :: 32 : ?

- (A) 150 (B) 170 (C) 162 (D) 160

Directions : In question nos. 16 to 21, select the one which is different from the other three responses.

16. (A) Shimla (B) Darjeeling
(C) Ooty (D) Agra

17. (A) Foal (B) Hen
(C) Lamb (D) Leveret

18. (A) BADC (B) XWZY
(C) VUST (D) NMPO

19. (A) DCFG (B) FEHL
(C) JILM (D) HGJL
20. (A) (1, 0) (B) (2, 3)
(C) (3, 8) (D) (4, 27)
21. (A) (96, 24) (B) (39, 18)
(C) (81, 54) (D) (82, 64)
22. Which one of the given responses would be a meaningful order of the following words in ascending order?
1. Accommodation 2. Perception
3. Scheme formation 4. Assimilation
5. Sensation
(A) 1, 2, 3, 5, 4 (B) 5, 2, 3, 4, 1
(C) 5, 1, 4, 2, 3 (D) 5, 2, 4, 3, 1
23. Which of the given responses would be a meaningful order of the following starting from the inner layer?
1. Hydrosphere 2. Atmosphere
3. Biosphere 4. Lithosphere
(A) 4, 1, 3, 2 (B) 2, 4, 3, 1
(C) 3, 1, 2, 4 (D) 1, 2, 3, 4

Directions : In question nos. 24 to 27, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

24. EJO, FKP, GLQ, HMR, ?
(A) ABC (B) DEF
(C) MNO (D) INS
25. B O C N D M E ? ?
(A) L F (B) O P
(C) K L (D) E F
26. $7, 2 = 59$; $5, 3 = 28$; $9, 1 = 810$; $2, 1 = 13$;
 $5, 4 = ?$
(A) 19 (B) 9
(C) 20 (D) 239
27. 120, 440, 960, 1680, ?
(A) 2600 (B) 3240
(C) 3040 (D) 2400

Directions : In question nos. 28 to 30, select the missing number from the given responses.

28.

81	64	16
4	9	49
36	16	25
108	96	?

(A) 230 (B) 140 (C) 120 (D) 410

29.

25	5	5
30	5	6
35	7	5

(A) 5 (B) 4 (C) 6 (D) 7

30.

24	51	67
2	4	6
5	7	5
53	211	?

(A) 135 (B) 235 (C) 347 (D) 407

31. G is fatter than H but not as fat as M. Q is also not as fat as M. Who is the most lean person in the group?

(A) Q (B) H (C) G (D) M

32. A man walks 15 metres south. Then turning to his right he walks 15 metres. Then turning to his left, he walks 10 metres. Again turns to his left and walks 15 metres. How far is he from his initial position?

(A) 10 m (B) 25 m
(C) 15 m (D) 60 m

33. There are five buses M, N, O, P, Q in a row on a road. Bus M is standing at the front and Q is standing at the back end. Bus N stands between M and O. Bus P stands between O and Q. Which bus is in the middle of the five?

(A) M (B) P (C) N (D) Q

34. If '+' stands for 'multiplication', ' \div ' stands for 'division', ' \times ' stands for 'subtraction', ' $-$ ' stands for 'addition' and '<' stands for 'greater than'. Identify which expression is correct.

- (A) $20 \div 4 \div 4 + 8 < 2 \times 26$
 (B) $20 \times 8 + 15 < 5 \div 9 - 8$
 (C) $20 < 2 + 10 \div 4 = 6 \times 100$
 (D) $20 < 5 + 25 \div 10 - 2 \times 96$

35. One day, Nita left home and cycled 10 km southwards, turned right and cycled 5 km and turned right and cycled 10 km and turned left and cycled 10 km. How many kilometres will she have to cycle to reach her home straight?

- (A) 10 km (B) 15 km
 (C) 20 km (D) 25 km

36. Rajat moves from his office to the canteen straight at a distance of 12 metres. Then he turned left and walked for 2 metres. Then he turns left again and walks straight for 12 metres. How far is he from his office?

- (A) 10 metres (B) 12 metres
 (C) 8 metres (D) 2 metres

Directions : In question nos. 37 and 38, two/four statements are given followed by two/four conclusions I, II, III and IV. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

37. Statements : I. All apples are bananas.
 II. All bananas are sweet.

Conclusions : I. Some apples are sweet.
 II. Some bananas are apples.

- (A) Conclusion I follows.
 (B) Conclusion II follows.
 (C) Either conclusion I or II follows.
 (D) Both conclusions I and II follow.

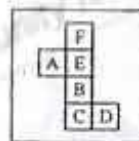
38. Statements : 1. All metals are silver.
 2. All silver are diamond.
 3. Some diamonds are gold.
 4. Some gold are marbles.

Conclusions : I. Some gold are metals.
 II. All metals are diamond.
 III. Some silver are marble.
 IV. Some gold are silver.

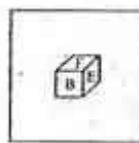
- (A) Only conclusion I follows.
 (B) Only conclusion II follows.
 (C) Only conclusion III follows.
 (D) Only conclusion IV follows.

39. Which of the following cubes can be created by folding the given figure?

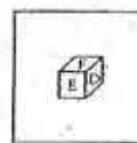
Question figure



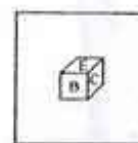
Answer figures



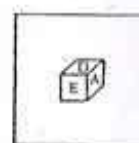
(A)



(B)

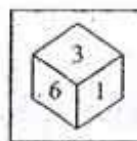
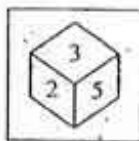


(C)



(D)

40. Two positions of a dice are given. Which number would be at the top when bottom is 2?



(A) 4

(B) 1

(C) 5

(D) 6

41. Identify the response figure from which the question figure's pieces have been cut.

Question figure



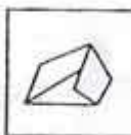
Answer figures



(A)



(B)

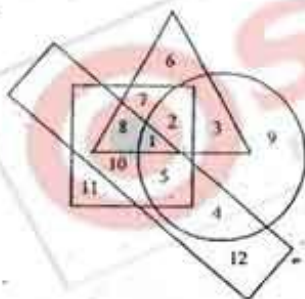


(C)



(D)

42.



In the above figure, the circle stands for employed, the square stands for social worker, the triangle stands for illiterate and the rectangle stands for truthful. Employed, truthful and illiterate social workers are indicated by which region?

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

43. Find the missing number.

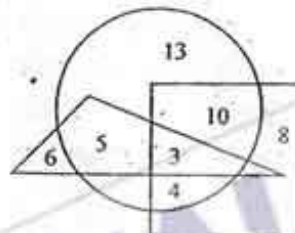
$$\begin{array}{c} 3 \\ 4 \text{ (27) } 5 \\ 2 \end{array}$$

$$\begin{array}{c} 6 \\ 5 \text{ (37) } 2 \\ 3 \end{array}$$

$$\begin{array}{c} 2 \\ 5 \text{ (?) } 2 \\ 9 \end{array}$$

- (A) 37 (B) 45 (C) 47 (D) 57

44.

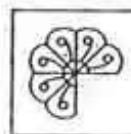


In the above diagram, parallelogram represents women, triangle represent the sub-inspectors of police and circle represents the graduates. Which numbered area represents women graduate sub-inspectors of police?

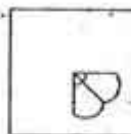
- (A) 5 (B) 3 (C) 8 (D) 13

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

45. Question figure



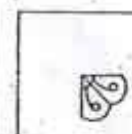
Answer figures



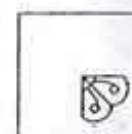
(A)



(B)



(C)



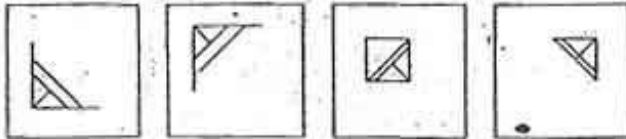
(D)

SPACE FOR ROUGH WORK

46. Question figure



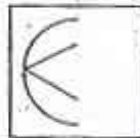
Answer figures



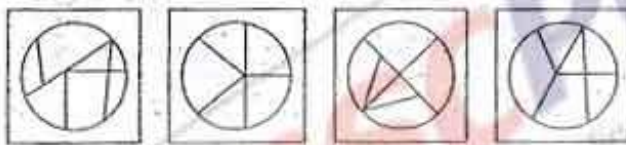
(A) (B) (C) (D)

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

Question figure



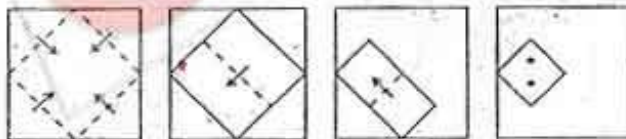
Answer figures



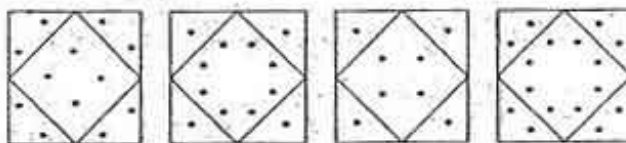
(A) (B) (C) (D)

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

Question figures



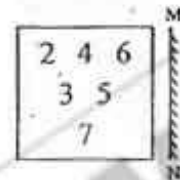
Answer figures



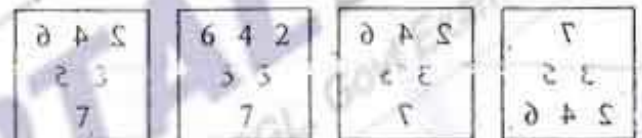
(A) (B) (C) (D)

49. Which of the answer figures is exactly the mirror image of the given pattern of numbers when the mirror is held at MN?

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., 'B' can be represented by 01, 31 etc. and 'P' can be represented by 67, 75 etc. Similarly, you have to identify the set for the word 'CARD'.

MATRIX I

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

MATRIX II

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

(A) 32, 00, 56, 10 (B) 40, 21, 68, 44
(C) 11, 33, 57, 22 (D) 02, 42, 77, 20

SPACE FOR ROUGH WORK

PART - B : GENERAL AWARENESS

51. Which one of the following is responsible for the working of Newton's colour disc experiment ?
 (A) Formation of pure spectra
 (B) Formation of impure spectra
 (C) Persistence of vision
 (D) Principle of complementary colour
52. The dimension MLT^{-2} corresponds to
 (A) force (B) work done
 (C) acceleration (D) velocity
53. Who is the founder of quantum theory of radiation ?
 (A) Einstein (B) Bohr
 (C) Plank (D) S. N. Bose
54. Fiber optics cable used in communication, works on the principle of
 (A) regular reflection of light
 (B) diffuse reflection of light
 (C) refraction of light
 (D) total internal reflection of light
55. Which was the first electronic computer constructed at the Moore School of Engineering ?
 (A) EO VAC (B) ONIVAC
 (C) ENIAC (D) EDSAC
56. Which among the following standard protocols is the most widely used by the Internet ?
 (A) HTTP (B) TCP/IP
 (C) SMTP (D) SLIP
57. The outer skin most of the crustaceans are made up of a carbohydrate. This carbohydrate is
 (A) cellulose (B) galactose
 (C) chitin (D) starch
58. Rutherford's scattering experiment proved the presence of
 (A) atoms in all matter (B) electrons in atoms
 (C) neutrons in atoms (D) nucleus in atoms
59. When a metal is heated in a flame, the electrons absorb energy and jump to higher energy state. On coming back to the lower energy state, they emit light, which we can observe in
 (A) Raman spectra (B) Absorption spectra
 (C) Emission spectra (D) Fluorescence
60. Blood pressure may be increased by the excessive secretion of
 (A) Thyroxine (B) Testosterone
 (C) Estradiol (D) Estrol
61. The concept of "Green House Gases" was postulated by
 (A) Joseph Fourier (B) Abdul Kalam
 (C) M. S. Swaminathan (D) Richael Carlson
62. "Bhopal gas tragedy" 1984 is related to
 (A) Aluminium Phosphide
 (B) Methyl bromide
 (C) Methyl isocyanate
 (D) Carbon dioxide
63. The Particulate Matter (PM-10) exhaled from the polluted atmosphere is often filtered out during the process of
 (A) Coughing (B) Sneezing
 (C) A and B (D) Urination
64. Sarus crane is the state bird of
 (A) Rajasthan (B) Uttar Pradesh
 (C) Madhya Pradesh (D) West Bengal
65. The Tongariro volcano erupted on November 21, 2012 is in
 (A) Australia (B) Indonesia
 (C) Papua New Guinea (D) New Zealand
66. The Daocheng Yading Airport is located in
 (A) Thailand (B) Philippines
 (C) China (D) Tibet
67. BCCI named the "Indian Cricketer of the year 2011-12" to honour
 (A) Sunil Gavaskar (B) VVS Laxman
 (C) Virat Kohli (D) Yuva Raj
68. "Martyr's Day" is marked on
 (A) January 1 (B) January 15
 (C) January 30 (D) January 9
69. Who won the World Carrom Championship 2012 ?
 (A) Rashmi Kumari
 (B) Mirabai Chanu
 (C) Nishantha Fernando
 (D) Nuthaki Priyanka
70. The animal who can consume more salt among the following is
 (A) Sheep (B) Camel
 (C) Donkey (D) Dog
71. Which of the following is only domestic Airport ?
 (A) Dabolin Airport, Goa
 (B) Srinagar Airport
 (C) Devi Ahilyabai Holkar Airport
 (D) None of the above
72. Tick the correct option with regards to the contribution towards GDP (Gross Domestic Product) from Agriculture
 (A) During 1950-51 (GDP 51.88%) and 2011-12 (GDP 14.01%)
 (B) During 1950-51 (GDP 11.00%) and 2011-12 (GDP 25%)
 (C) During 1990-91 (GDP 29.53%) and 2011-12 (GDP 66.77%)
 (D) During 1980-81 (GDP 35.69%) and 2011-12 (GDP 20.69%)
73. Second India-Africa Forum Summit-2011 was held in
 (A) Eretrea (B) Ethiopia
 (C) Sudan (D) Nigeria
74. Where did Aurangzeb die ?
 (A) Pune (B) Aurangabad
 (C) Ahmad Nagar (D) Mumbai

75. The principle of maximum social advantage is the basic principle of
 (A) Micro Economics
 (B) Macro Economics
 (C) Fiscal Economics
 (D) Environmental Economics
76. Which Five Year Plan is *not* correct among the following ?
 (A) First 1951-56 (B) Second 1956-61
 (C) Third 1961-66 (D) Fourth 1966-71
77. The ordinary and maximum tolerance limit of sound by human being is
 (A) 50 db to 70 db (decibel)
 (B) 60 db to 80 db (decibel)
 (C) 65 db to 75 db (decibel)
 (D) 70 db to 85 db (decibel)
78. An economic theory is a/an
 (A) Axion (B) Proposition
 (C) Hypothesis (D) Tested hypothesis
79. Indian Special Economic Rules amendment came in the year
 (A) 2000 (B) 2002
 (C) 2004 (D) 2006
80. Provisions of citizenship in Indian Constitution, became applicable in
 (A) 1950 (B) 1949
 (C) 1951 (D) 1952
81. Who gave the title of "Sardar" to Ballabh Bhai Patel ?
 (A) Mahatma Gandhi (B) Vinoba Bhave
 (C) Women of Bardoli (D) Peasants of Gujrat
82. According to Marx, the source of value is
 (A) Capital (B) Land
 (C) Labour (D) None of the above
83. The National Emergency in India declared by the President of India due to the external aggression or armed revolt through
 (A) Article-352 (B) Article-356
 (C) Article-360 (D) Article-368
84. The Community Development Programme was launched in the year
 (A) 1950 (B) 1952
 (C) 1951 (D) 1953
85. What Satyagraha was held at Nagpur in 1923 ?
 (A) Salt Satyagraha
 (B) Individual Satyagraha
 (C) Ryots Satyagraha
 (D) Flag Satyagraha
86. Which one of the following is *not* a sect of Buddhism ?
 (A) Mahayana (B) Hinayana
 (C) Digambar (D) Theravad
87. Who was the viceroy when Delhi became the capital of British India ?
 (A) Lord Curzon (B) Lord Minto
 (C) Lord Hardinge (D) Lord Wavell
88. Who established the Indian Civil Liberties Union in 1936 ?
 (A) Subhash Chandra Bose
 (B) Bal Gangadhar Tilak
 (C) Jawahar Lal Nehru
 (D) Rajendra Prasad
89. Which of the following was established first ?
 (A) Banaras Hindu University
 (B) University of Bombay
 (C) Aligarh Muslim University
 (D) University of Allahabad
90. "Yosemite" is a
 (A) River (B) Peak
 (C) Waterfall (D) Dam
91. The first Indian Satellite Aryabhata was launched in
 (A) 1972 (B) 1975
 (C) 1977 (D) 1979
92. Where is the shore based steel plant located ?
 (A) Tuticorin (B) Salem
 (C) Vishakhapatnam (D) Mangalore
93. Which two of the following are connected by the North South corridor ?
 (A) Srinagar and Kanyakumari
 (B) Mumbai and Chennai
 (C) Amritsar and Kolkata
 (D) Hyderabad and Bhopal
94. The pollutants which move downward with percolating groundwater are called
 (A) Leachates (B) Pollutates
 (C) Earthites (D) Percolates
95. Lungs are located in the
 (A) abdominal cavity (B) pericardial cavity
 (C) peritoneal cavity (D) pleural cavity
96. Which one of the following is the ideal food for newborn babies ?
 (A) Water (B) Sugar
 (C) Honey (D) Milk
97. Transcription means the synthesis of
 (A) Lipids (B) Protein
 (C) DNA (D) RNA
98. Hydrochloric acid is secreted by the cells lining the
 (A) Oral cavity (B) Stomach
 (C) Ileum (D) Colon
99. Emulsification is
 (A) breaking fats into small globules
 (B) digestion of fats
 (C) absorption of fats
 (D) storage of fats
100. Taxonomy is a science that deals with
 (A) Morphology (B) Anatomy
 (C) Classification (D) Economic uses

PART - C : QUANTITATIVE APTITUDE

101. The minimum value of $(x-2)(x-9)$ is
 (A) $-\frac{11}{4}$ (B) $\frac{49}{4}$
 (C) 0 (D) $-\frac{49}{4}$
102. If $x+y+z=6$ and $x^2+y^2+z^2=20$ then the value of $x^3+y^3+z^3-3xyz$ is
 (A) 64 (B) 70 (C) 72 (D) 76
103. The third proportional to $\left(\frac{x}{y} + \frac{y}{x}\right)$ and $\sqrt{x^2+y^2}$ is
 (A) xy (B) \sqrt{xy}
 (C) $\sqrt[3]{xy}$ (D) $\sqrt[4]{xy}$
104. In a triangle ABC , the side BC is extended up to D . Such that $CD=AC$, if $\angle BAD = 109^\circ$ and $\angle ACB = 72^\circ$ then the value of $\angle ABC$ is
 (A) 35° (B) 60°
 (C) 40° (D) 45°
105. Two circles touch each other internally. Their radii are 2 cm and 3 cm. The biggest chord of the greater circle which is outside the inner circle is of length
 (A) $2\sqrt{2}$ cm (B) $3\sqrt{2}$ cm
 (C) $2\sqrt{3}$ cm (D) $4\sqrt{2}$ cm
106. $ABCD$ is a cyclic quadrilateral. AB and DC are produced to meet at P . If $\angle ADC = 70^\circ$ and $\angle DAB = 60^\circ$, then the $\angle PBC + \angle PCB$ is
 (A) 130° (B) 150°
 (C) 155° (D) 180°
107. From a point P which is at a distance of 13 cm from centre O of a circle of radius 5 cm, in the same plane, a pair of tangents PQ and PR are drawn to the circle. Area of quadrilateral $PQOR$ is
 (A) 65 cm^2 (B) 60 cm^2
 (C) 30 cm^2 (D) 90 cm^2
108. $ABCD$ is a cyclic trapezium with $AB \parallel DC$ and AB diameter of the circle. If $\angle CAB = 30^\circ$ then $\angle ADC$ is
 (A) 60° (B) 120°
 (C) 150° (D) 30°
109. ABC is a triangle. The bisectors of the internal angle $\angle B$ and external angle $\angle C$ intersect at D . If $\angle BDC = 50^\circ$, then $\angle A$ is
 (A) 100° (B) 90°
 (C) 120° (D) 60°
110. AB is the chord of a circle with centre O and DOC is a line segment originating from a point D on the circle and intersecting AB produced at C such that $BC=OD$. If $\angle BCD = 20^\circ$, then $\angle AOD = ?$
 (A) 20° (B) 30°
 (C) 40° (D) 60°
111. In a circle of radius 17 cm, two parallel chords of lengths 30 cm and 16 cm are drawn. If both the chords are on the same side of the centre, then the distance between the chords is
 (A) 9 cm (B) 7 cm
 (C) 23 cm (D) 11 cm
112. If $\sin(A-B) = \frac{1}{2}$ and $\cos(A+B) = \frac{1}{2}$ where $A > B > 0$ and $A+B$ is an acute angle, then the value B is
 (A) $\frac{\pi}{6}$ (B) $\frac{\pi}{12}$
 (C) $\frac{\pi}{4}$ (D) $\frac{\pi}{2}$

113. The fifth term of the sequence for which $t_1 = 1$, $t_2 = 2$ and $t_{n+2} = t_n + t_{n+1}$ is
 (A) 5 (B) 10 (C) 6 (D) 8
114. If $(x + 7954 \times 7956)$ be a square number, then the value of 'x' is
 (A) 1 (B) 16 (C) 9 (D) 4
115. A can do a piece of work in 12 days while B alone can do it in 15 days. With the help of C they can finish it in 5 days. If they are paid ₹ 960 for the whole work how much money A gets?
 (A) ₹ 480 (B) ₹ 240
 (C) ₹ 320 (D) ₹ 400
116. Ronald and Elan are working on an Assignment. Ronald takes 6 hours to type 32 pages on a computer, while Elan takes 5 hours to type 40 pages. How much time will they take, working together on two different computers to type an assignment of 110 pages?
 (A) 7 hrs. 30 min. (B) 8 hrs.
 (C) 8 hrs. 15 min. (D) 8 hrs. 25 min.
117. One man, 3 women and 4 boys can do a piece of work in 96 hours, 2 men and 8 boys can do it in 80 hours, 2 men and 3 women can do it in 120 hours. 5 men and 12 boys can do it in
 (A) $39\frac{1}{11}$ hours (B) $42\frac{7}{11}$ hours
 (C) $43\frac{7}{11}$ hours (D) 44 hours
118. ABC is a right angled triangle, B being the right angle. Mid-points of BC and AC are respectively B' and A'. The ratio of the area of the quadrilateral AA' B'B to the area of the triangle ABC is
 (A) 1 : 2 (B) 2 : 3
 (C) 3 : 4 (D) None of the above
119. A square ABCD is inscribed in a circle of unit radius. Semicircles are described on each side as a diameter. The area of the region bounded by the four semicircles and the circle is
 (A) 1 sq. unit (B) 2 sq. unit
 (C) 1.5 sq. unit (D) 2.5 sq. unit
120. If the perimeters of a rectangle and a square are equal and the ratio of two adjacent sides of the rectangle is 1 : 2 then the ratio of area of the rectangle and that of the square is
 (A) 1 : 1 (B) 1 : 2
 (C) 2 : 3 (D) 8 : 9
121. The interest on a certain sum of money is ₹ 22 and the discount on the same sum for the same time and at the same rate is ₹ 20, find the sum.
 (A) ₹ 220 (B) ₹ 200
 (C) ₹ 210 (D) ₹ 212
122. A retailer purchased radiosets at the rate of ₹ 400 each from a wholesaler. He raised the price by 30% and then allowed a discount of 8% on each set. His profit will be
 (A) 19% (B) 78.4%
 (C) 22% (D) 19.6%
123. A reduction in the price of apples enables a person to purchase 3 apples for ₹ 1 instead of ₹ 1.25. What is the % of reduction in price (approximately)?
 (A) 20 (B) 25
 (C) 30 (D) $33\frac{1}{3}$
124. ₹ 700 is divided among A, B, C in such a way that the ratio of the amounts of A and B is 2 : 3 and that of B and C is 4 : 5. Find the amounts in ₹ each received, in the order A, B, C.
 (A) 150, 250, 300 (B) 160, 240, 300
 (C) 150, 250, 290 (D) 150, 240, 310

SPACE FOR ROUGH WORK

125. The ratio of monthly incomes of A, B is 6 : 5 and their monthly expenditures are in the ratio 4 : 3. If each of them saves ₹ 400 per month, find the sum of their monthly incomes.
 (A) 2300 (B) 2400
 (C) 2200 (D) 2500
126. A and B have together three times what B and C have, while A, B, C together have thirty rupees more than that of A. If B has 5 times that of C, then A has
 (A) ₹ 60 (B) ₹ 65
 (C) ₹ 75 (D) ₹ 45
127. A cricket player after playing 10 tests scored 100 runs in the 11th test. As a result, the average of his runs is increased by 5. The present average of runs is
 (A) 45 (B) 40 (C) 50 (D) 55
128. A fruit seller buys some oranges at the rate of 4 for ₹ 10 and an equal number more at 5 for ₹ 10. He sells the whole lot at 9 for ₹ 20. What is his loss or gain per cent?
 (A) Loss per cent $1\frac{19}{81}\%$
 (B) Gain per cent $1\frac{19}{81}\%$
 (C) No loss or no profit
 (D) Loss per cent 2%
129. 15 litres of a mixture contains alcohol and water in the ratio 1 : 4. If 3 litres of water is mixed in it, the percentage of alcohol in the new mixture will be
 (A) 15 (B) $16\frac{2}{3}$
 (C) 17 (D) $18\frac{1}{2}$
130. A man rides at the rate of 18 km/hr, but stops for 6 mins. to change horses at the end of every 7th km. The time that he will take to cover a distance of 90 km is
 (A) 6 hrs. (B) 6 hrs. 12 min.
 (C) 6 hrs. 18 min. (D) 6 hrs. 24 min.
131. A man rows down a river 15 km in 3 hrs. with the stream and returns in $7\frac{1}{2}$ hrs. The rate at which he rows in still water is
 (A) 2.5 km/hr (B) 1.5 km/hr
 (C) 3.5 km/hr (D) 4.5 km/hr
132. There is 100% increase to an amount in 8 years, at simple interest. Find the compound interest of ₹ 8000 after 2 years at the same rate of interest.
 (A) ₹ 2500 (B) ₹ 2000
 (C) ₹ 2250 (D) ₹ 2125
133. If the number p is 5 more than q and the sum of the squares of p and q is 55, then the product of p and q is
 (A) 10 (B) -10
 (C) 15 (D) -15
134. If $a + \frac{1}{a-2} = 4$, then the value of $(a-2)^2 + \left(\frac{1}{a-2}\right)^2$ is
 (A) 0 (B) 2 (C) -2 (D) 4
135. If $a + b + c = 2s$, then $\frac{(s-a)^2 + (s-b)^2 + (s-c)^2 + s^2}{a^2 + b^2 + c^2}$ is equal to
 (A) $a^2 + b^2 + c^2$ (B) 0
 (C) 1 (D) 2
136. If $xy(x+y) = 1$ then the value of $\frac{1}{x^3y^3} - x^3 - y^3$ is
 (A) 3 (B) -3 (C) 1 (D) -1
137. If $a^3 - b^3 - c^3 = 0$ then the value of $a^9 - b^9 - c^9 - 3a^3b^3c^3$ is
 (A) 1 (B) 2 (C) 0 (D) -1

SPACE FOR ROUGH WORK

138. A horse is tied to a post by a rope. If the horse moves along a circular path always keeping the rope stretched and describes 88 metres when it has traced out 72° at the centre the length of the rope is (Take $\pi = \frac{22}{7}$)

(A) 70 m (B) 75 m
(C) 80 m (D) 65 m

139. Maximum value of $(2\sin\theta + 3\cos\theta)$ is

(A) 2 (B) $\sqrt{13}$ (C) $\sqrt{15}$ (D) 1

140. The value of

$$152(\sin 30^\circ + 2\cos^2 45^\circ + 3\sin 30^\circ + 4\cos^2 45^\circ + \dots + 17\sin 30^\circ + 18\cos^2 45^\circ)$$

(A) an integer but not a perfect square
(B) a rational number but not an integer
(C) a perfect square of an integer
(D) irrational

141. If $(1 + \sin\alpha)(1 + \sin\beta)(1 + \sin\gamma) = (1 - \sin\alpha)(1 - \sin\beta)(1 - \sin\gamma)$, then each side is equal to

(A) $\pm \cos\alpha \cos\beta \cos\gamma$ (B) $\pm \sin\alpha \sin\beta \sin\gamma$
(C) $\pm \sin\alpha \cos\beta \cos\gamma$ (D) $\pm \sin\alpha \sin\beta \cos\gamma$

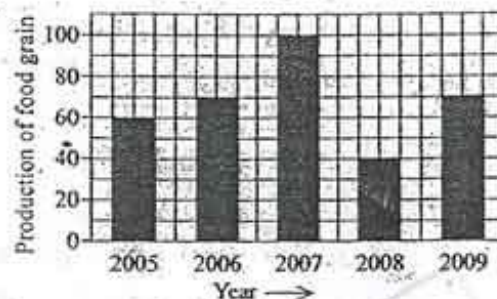
142. One of the four angles of a rhombus is 60° . If the length of each side of the rhombus is, 8 cm, then the length of the longer diagonal is

(A) $8\sqrt{3}$ cm (B) 8 cm
(C) $4\sqrt{3}$ cm (D) $\frac{8}{\sqrt{3}}$ cm

143. If the arcs of square length in two circles subtend angles of 60° and 75° at their centres the ratio of their radii is

(A) 3 : 4 (B) 4 : 5
(C) 5 : 4 (D) 3 : 5

144.

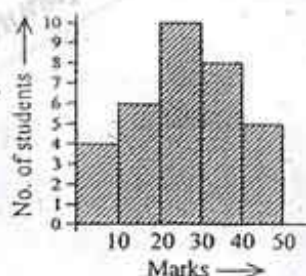


Study the above bar graph showing the production of food grains (in million tons).

What is the ratio between the maximum production and the minimum production during the given period?

(A) 1 : 2 (B) 2 : 3
(C) 3 : 4 (D) 5 : 2

Study the following Histogram and answer following question nos. 145 to 149.



145. The total number of students involved in the data is

(A) 33 (B) 32 (C) 43 (D) 42

146. The maximum number of students got the marks in the interval of

(A) 10-20 (B) 20-30
(C) 30-40 (D) 40-50

147. The least number of students got the marks in the interval

(A) 40-50 (B) 20-30
(C) 10-20 (D) 0-10

SPACE FOR ROUGH WORK

148. The ratio of the students obtaining marks in the first and the last interval is

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

149. The difference in the amount estimated by the family on interior decoration and architect's fees is

- (A) ₹ 10000 (B) ₹ 9500
(C) ₹ 7200 (D) ₹ 9600

150.



In a certain country, allocations to various sectors of the yearly budget per ₹1000 crores are represented by this pie-diagram. The expenditure (in ₹) on Agriculture is

- (A) 250 crores (B) 150 crores
(C) 300 crores (D) 200 crores

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

144. A trader sells two computers at the same price. On one he makes a profit of 15% and on the other he suffers a loss of 15%. Find his gain or loss per cent.

- (A) Loss 2.25% (B) Gain 2%
(C) No loss no gain (D) Loss 2%

145. Two trains of equal length running in opposite directions, pass a student standing by the side of railway line in 18 sec and 12 sec respectively. The time that the two trains will take to cross each other, is

- (A) 7.2 sec (B) 9.6 sec
(C) 10.8 sec (D) 14.4 sec

146. A father's age was five times his son's age five years ago and will be three times the son's age after two years. The ratio of the present age of the father to that of the son is

- (A) 33 : 5 (B) 11 : 5
(C) 3 : 1 (D) 10 : 3

147. A retailer buys a sewing machine at a discount of 15% and sells it for ₹1955. Thus he makes a profit of 15%. The discount is

- (A) ₹ 270 (B) ₹ 290
(C) ₹ 300 (D) ₹ 330

148. A number N is divisible by 6 but not divisible by 4. Which of the following will not be an integer?

- (A) $\frac{N}{3}$ (B) $\frac{N}{2}$
(C) $\frac{N}{6}$ (D) $\frac{N}{12}$

149. In a football tournament there are 50 teams. Each team plays with every other team exactly once. How many matches will have to be organised?

- (A) 1025 (B) 1225
(C) 1026 (D) 1226

150. A leak can empty a full tank in 12 minutes. If the leak is absent, two pipes A and B can fill the tank separately in 15 minutes and 20 minutes respectively. If the leak is active and both the pipes are open, then the tank will be filled in

- (A) 30 minutes (B) 60 minutes
(C) 23 minutes (D) 35 minutes

SPACE FOR ROUGH WORK

PART – D : ENGLISH COMPREHENSION

Directions : In question nos. 151 and 152, 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.

151. (A) conivance (B) connivanse
☒ (C) connivance (D) conivence
152. (A) maintenannce (B) manteinance
☒ (C) maintenance (D) mentenance

Directions : In question nos. 153 to 162, you have a passage with 10 questions. Read the passage 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

CYBER BOGEYS

The cyber-world is ultimately ungovernable. This is alarming as well as convenient; sometimes, convenient because alarming. Some Indian politicians use this to great advantage. When there is an obvious failure in governance during a crisis they deflect attention from their own incompetence towards the ungovernable. So, having failed to prevent nervous citizens from fleeing their cities of work by assuring them of proper protection, some national leaders are now busy trying to prove to one another, and to panic-prone Indians, that a mischievous neighbour has been using the internet and social networking sites to spread dangerous rumours. And the Centre's automatic reaction is to start blocking these sites and begin elaborate and potentially endless negotiations with Google, Twitter and Facebook about access to information. If this is the official idea of prompt action at a time of crisis among communities, then Indians have more reason to fear their protectors than the nebulous mischief-makers of the cyber-world. Wasting time gathering proof, blocking vaguely suspicious websites, hurling accusations across the border and worrying about bilateral relations are ways of keeping busy with inessentials because one does not quite know what to do about the essentials of a difficult situation. Besides, only a fifth of the 245 websites blocked by the Centre mention the people of the Northeast or the violence in Assam. And if a few morphed images and spurious texts can unsettle an entire nation, then here is something deeply wrong with the nation and with how it is being governed. This is what its leaders should be addressing immediately, rather than making a wrongheaded display of their powers of censorship.

It is just as absurd, and part of the same syndrome, to try to ban Twitter accounts that parody despatches from the Prime Minister's Office. To describe such forms of humour and dissent as "misrepresenting" the PMO — as if Twitterers would take these parodies for genuine despatches from the PMO — makes the PMO look more ridiculous than its parodists manage to. With the precedent for such action set recently by the chief minister of West Bengal, this is yet another proof that what Bengal thinks today India will think tomorrow. Using the cyber-world for flexing the wrong muscles is essentially not funny. It might even prove to be quite dangerously distracting.

153. According to the passage, the cyber-world is
 (A) beyond the imagination of people
 (B) outside the purview of common people
 (C) not to be governed
☒ (D) ungovernable
154. The author is of the opinion that
 (A) the centre should start negotiations with Google, Twitter and Facebook
 (B) the centre should help the citizens evacuate their city
☒ (C) the centre should not block the sites
 (D) the centre should arrest the guilty
155. Which of the following is closest to the meaning of 'nebulous' ?
 (A) confused ☒ (B) vague
 (C) iridescent (D) glowing
156. The author's seriousness regarding the situation can best be described in the following sentences. Pick the odd one out.
☒ (A) Our leaders should display their powers of censorship when needed
 (B) If this is the official idea of prompt action at a time of crisis among communities, then Indians have more reason to fear their protectors than the nebulous mischief-maker of the cyber-world
 (C) The politicians deflect attention from their own incompetence
 (D) If a few morphed images and spurious texts can unsettle an entire nation, then there is something deeply wrong with the nation

157. The word 'spurious' means
 (A) genuine (B) authentic
 (C) substantial (D) ☒ fake
158. The author warns us against
 (A) not playing false with the citizens
 (B) dangers inherent in the cyber-world
 (C) ☒ not using the cyber-world judiciously
 (D) not protecting the citizens from dangerous politicians
159. 'Parody' means
 (A) twist (B) jeopardize
 (C) ☒ ridicule (D) immitate
160. What is the opposite of 'wrong headed' ?
 (A) silly
 (B) ☒ sane
 (C) insane
 (D) insensible
161. The passage suggests different ways of keeping the public busy with 'inessentials'. Pick the odd one out.
 (A) By blocking websites which are vaguely suspicious
 (B) By blaming neighbouring countries across the border
 (C) ☒ By turning the attention of the people to violence in Assam
 (D) By getting involved in a discourse on bilateral relations
162. The following is a list of statements made by the author of the above passage. Pick the odd one out.
 (A) It is absurd to ban Twitter accounts that parody despatches from the Prime Minister's Office
 (B) ☒ Twitterers take these parodies for genuine despatches from the PMO
 (C) To describe such forms of humour as 'misrepresenting' the PMO makes the PMO look more ridiculous
 (D) The precedent for such action was set recently by the chief minister of West Bengal

Directions : In question nos. 163 to 167, 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.

163. In India
 (A)
 working woman lead a life of dual responsibilities
 (B)
 if they are married and have a family.
 (C) ☒
 No error.
 (D)
164. Greatly to our surprise we find the ringleader
 (A)
 was lame. No error.
 (C) (D)
165. They have played a game last week.
 (A) (B) (C)
 No error.
 (D)
166. The teacher made the boys to do the sum
 (A)
 all over again. No error.
 (C) (D)
167. Many overseas students attend colleges
 (A) (B)
 in the Great Britain. No error.
 (C) ☒ (D)

Directions : In question nos. 168 to 172, sentences are given with blanks to be filled 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.

168. Student-parking should be _____; students should not be charged to buy parking stickers.
 (A) fined ☒ (B) free
 (C) costly (D) cheap

169. If you have roses growing in your garden, you can make a lovely _____ of flowers at home.

- (A) bouquette (B) bucquete
(C) bouquete ☒ (D) bouquet

170. The _____ of the middle school is a woman of _____.

- (A) Principles, Principal
(B) Principals, Principal
☒ (C) Principal, Principle
(D) Principle, Principals

171. With the changing times, most of the students have become business-like they are _____ and want to take only those courses which they find rewarding.

- (A) idealistic ☒ (B) pragmatic
(C) enthusiastic (D) partial

172. 1. John's at _____ institute studying French.

2. They're building _____ school at the end of our street.

3. Do they live in _____ United Kingdom or somewhere else ?

- (A) a, the, an (B) the, a, an
☒ (C) an, a, the (D) the, an, a

Directions : In question nos. 173 to 175, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

173. Parsimony

- (A) expenditure (B) bankruptcy
(C) bribery ☒ (D) miserliness

174. Tribulation

- (A) palpitation ☒ (B) suffering
(C) weakness (D) stimulation

175. The Prime Minister goes on the ramparts of the Red Fort to hoist the National flag.

- ☒ (A) rampway (B) staircase
(C) parapet (D) scaffold

Directions : In question nos. 176 to 178, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

176. Lunacy

- ☒ (A) sanity (B) stupidity
(C) sensibility (D) insanity

177. Obtuse

- ☒ (A) sharp-witted (B) transparent
☒ (C) timid (D) blunt

178. inadvertently

- (A) secretly (B) accidentally
(C) completely ☒ (D) deliberately

Directions : In question nos. 179 to 183, 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.

179. What egged you on to become a social worker ?

- ☒ (A) urged (B) dampened
(C) hindered (D) discouraged

180. Many politicians in India are not fit to hold a candle to Mahatma Gandhi.

- (A) superior (B) equal
☒ (C) inferior (D) indifferent

181. She must be paying through the nose for the face left.

- (A) paying less than necessary
☒ (B) paying too much
(C) paying the right amount
(D) paying reluctantly

182. He is putting the cart before the horse by purchasing furniture before buying a house.

- ☒ (A) doing a thing in the wrong way
(B) doing a thing in the right way
(C) committing a great crime
(D) doing things meticulously

183. Casting pearls before swine.

- (A) speaking nice words and convincing them
☒ (B) offering good things to undeserving people
(C) uplifting the needy for their welfare
(D) doing worthwhile things to unknown people

Directions : In question nos. 184 to 193, a sentence/part of the sentence is underlined. Below are given alternatives to the underlined sentence/part of the sentence at (A), (B) and (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (D).

184. It became clear that the strangers were heading into a serious disaster.

- (A) along (B) towards
(C) on (D) No improvement

185. Twenty kms are not a great distance in these days of fast moving vehicles.

- (A) is not a great distance
(B) are not too great a distance
(C) aren't proving a great distance
(D) No improvement

186. I adapted a new method to solve the problem.

- (A) I have been adopted
(B) I adopted
(C) I was adapted
(D) No improvement

187. Hoping not to be disturbed, I sat down in my easy chair to read the book; I won as a prize.

- (A) I had won as a prize
(B) I have won as prize
(C) I had to win as a prize
(D) No improvement

188. If you are living near a market place you should be ready to bear the disturbances caused by traffic.

- (A) to bear upon (B) to bear with
(C) to bear away (D) No improvement

189. The more they earn, more they spend on luxury items.

- (A) more they should spend
(B) the more they spend
(C) the more they ought to spend
(D) No improvement

190. You have come here with a view to insult me.

- (A) to insulting me (B) of insulting me
(C) for insulting me (D) No improvement

191. A little rail-road engine was employed by a station yard for doing small pieces of work.

- (A) was made by a station yard
(B) was used at the station yard
(C) was employed at the station yard
(D) No improvement

192. From an aesthetic point of view, the painting did not appeal to me.

- (A) From the viewpoint of aesthetics, the painting did not appeal to me
(B) The painting had no aesthetic appeal to me
(C) From an aesthetic point of view, the painting had a little appeal to me
(D) No improvement

193. The child tossed in bed burning with fever.

- (A) The child in bed, burning with fever tossed
(B) The child burning with fever, tossed in bed
(C) The child burning in bed tossed with fever
(D) No improvement

Directions : In question nos. 194 to 200, out of the four alternatives, choose the one which can be substituted for the given words/sentence and indicate it by blackening the appropriate oval (●) in the Answer Sheet.

194. An apartment building in which each apartment is owned separately by the people living in it, but also containing shared areas.

- (A) condominium (B) multiplex
(C) duplex (D) caravan

195. A group of three powerful people.

- (A) trio (B) tritium
(C) trivet (D) triumvirate

196. Operation of the body after death.

- (A) post-mortem (B) obituary
(C) homage (D) mortuary

197. Not allowing the passage of light.

- (A) oblique (B) opaque
(C) optique (D) opulant

198. Science regarding principles of classification.

- (A) taxidermy (B) taxonomy
(C) toxicology (D) classicology

199. A political leader appealing to popular desires and prejudices.

- (A) dictator (B) tyrant
(C) popularist (D) demagogue

200. Enveloped in a small closed space.

- (A) closophobia (B) clusterophobia
(C) claustrophobia (D) liftophobia

MANNER IN WHICH ANSWERS ARE TO BE GIVEN

उत्तर देने की विधि

Directions : Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken [●] appropriate oval A, B, C or D by Black/Blue Ball-point Pen against the question concerned in the Answer-Sheet.

(For V.H. candidates corresponding oval will be blackened by the scribe.)

The following example illustrates the manner in which the questions are required to be answered.

Example :**Question No. 'Q' -**

Out of the four words given below, three are alike in some way and one is different. Find the ODD word :

- (A) Girl
- (B) Boy
- (C) Woman
- (D) Chair

Explanation : In the above example, the correct answer is 'Chair' and this answer has been suggested at 'D'. Accordingly, the answer is to be indicated by blackening [●] the oval by Black/Blue Ball-point Pen in column 'D' against Question No. 'Q' in the manner indicated below :

Question No. 'Q'

- | | | | |
|-----|-----|-----|-----|
| [A] | [B] | [C] | [●] |
|-----|-----|-----|-----|

There is only one correct answer to each question. You should blacken [●] the oval of the appropriate column, viz., A, B, C or D. If you blacken [●] more than one oval against any one question, the answer will be treated as wrong. If you wish to cancel any answer, you should **completely** erase that black mark in the oval in the Answer-Sheet, and then blacken the oval of revised response.

You are **NOT** required to mark your answers in this Booklet. All answers must be indicated in the Answer-Sheet only.

निर्देश : प्रत्येक प्रश्न अथवा प्रत्येक अधूरे कथन के बाद चार उत्तर अथवा पूरक कथन सुझाए गये हैं। प्रत्येक दशा में आपको किसी एक को चुनना है जो प्रश्न का सही उत्तर दे अथवा कथन को पूरा करे और आपको उत्तर-पत्रिका में उपयुक्त अण्डाकार खाने A, B, C या D को काले/नीले बॉल-पॉइंट पेन से काला [●] करना है।

(दृष्टिबाधित उम्मीदवारों के लिए संगत अण्डाकार लिपिक द्वारा काला किया जाए।)

नीचे दिये गये उदाहरण से स्पष्ट हो जायेगा कि उत्तर किस प्रकार दिये जाने हैं।

उदाहरण :**प्रश्न सं. 'क्यू' -**

नीचे दिये हुए चार शब्दों में तीन कुछ मिलते-जुलते हैं तथा एक कुछ अलग किस्म का है। वह अलग किस्म का शब्द बताएँ :

- (A) लड़की
- (B) लड़का
- (C) महिला
- (D) कुर्सी

स्पष्टीकरण : ऊपर के उदाहरण में सही उत्तर 'कुर्सी' है और यह उत्तर 'D' में सुझाया गया है। अतः प्रश्न सं. 'क्यू' के सामने कॉलम 'D' के अण्डाकार खाने को काले/नीले बॉल-पॉइंट पेन से पूर्णतया काला [●] करके उत्तर नीचे बताई विधि के अनुसार दिया जाना है :

प्रश्न सं. 'क्यू'

- | | | | |
|-----|-----|-----|-----|
| [A] | [B] | [C] | [●] |
|-----|-----|-----|-----|

प्रत्येक प्रश्न का केवल एक ही सही उत्तर है। आपको समुचित कॉलम अर्थात् A, B, C या D के अण्डाकार खाने को काला [●] करना है। यदि आप किसी प्रश्न के सामने एक से अधिक अण्डाकार खाने को भरेंगे [●] तो आपका उत्तर गलत माना जायेगा। यदि आप किसी उत्तर को रद्द करना चाहते हैं तो आप उत्तर-पत्रिका के उस अण्डाकार खाने से काले निशान को पूरी तरह से मिटा दें और तब बदले हुए उत्तर के लिए अण्डाकार खाने को काला कर दें।

इस पुस्तिका के अन्दर आपको उत्तर अंकित नहीं करने हैं। उत्तर केवल उत्तर-पत्रिका में ही दें।



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