

Time Allowed : 1 Hour 30 min. (For VH Candidates : 2 hrs.)

निर्धारित समय : 1 घंटा 30 मिनट (दृष्टिबाधित उम्मीदवारों के लिए : 2 घंटे)

Maximum Marks : 150

अधिकतम अंक : 150

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 150 questions in all comprising the following three parts :
Part – (i) : General Intelligence and Reasoning (50 Questions)
Part – (ii) : General English (50 Questions)
Part – (iii) : General Awareness (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 (1-24) and see that no page is missing or repeated. If you find any defect in this Booklet, you must get it replaced immediately.
- You will be supplied the Answer-Sheet separately by the Invigilator. You must complete and code the details of Name, Roll Number, Ticket Number and Test Form Number on Side-I of the Answer-Sheet carefully. You must also put your signature and Left-Hand thumb impression on the Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark. (VH candidates will have to ensure that these details are filled in by the scribe. However all VH candidates must put their left-hand thumb impression at the space provided in the Answer-Sheet. Those VH candidates who can sign should also put their signatures in addition to thumb impression.)
- Answers must be shown by completely blackening the corresponding ovals on Side-II of the Answer-Sheet against the relevant question number by Black/Blue Ball-point Pen only. Answers which are not shown by Black/Blue Ball-point Pen will not be awarded any mark.
- A machine will read the coded information in the OMR Answer-Sheet. In case the information is incomplete or different from the information given in the application form, 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. 24), 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 Questions No. 46 to 50 relating to figural portions, alternate questions have been provided to be attempted by VH candidates only.
- No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions in this Booklet.
- "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 150 प्रश्न हैं, जिनमें निम्नलिखित तीन भाग शामिल हैं :
भाग – (i) : सामान्य बुद्धि एवं तर्क (50 प्रश्न)
भाग – (ii) : सामान्य अंग्रेजी (50 प्रश्न)
भाग – (iii) : सामान्य जानकारी (50 प्रश्न)
- अंग्रेजी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति 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 काटा जाएगा।
- प्रश्नों के उत्तर देने से पहले आप इस पुस्तिका की जाँच करके देख लें कि इसमें पूरे पृष्ठ (1-24) हैं तथा कोई पृष्ठ कम या दुबारा तो नहीं आ गया है। यदि आप इस पुस्तिका में कोई त्रुटि पाएँ, तो तत्काल इसके बदले दूसरी पुस्तिका ले लें।
- निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जाएगी। उत्तर-पत्रिका के Side-I में 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 बाएँ हाथ के अंगूठे का निशान भी अवश्य लगाएँ। उपर्युक्त अनुदेशों का पूरी तरह अनुपालन किया जाए, अन्यथा आपकी उत्तर-पत्रिका को जाँचा नहीं जाएगा और 'शून्य' अंक दिया जाएगा। (दृष्टिबाधित उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भरा जाए। परन्तु सभी दृष्टिबाधित उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान भर 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 अण्डाकार खानों को केवल काला/नीला बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ। जो आयताकार खाने काला/नीला बॉल-पॉइंट पेन से नहीं भरे जाएँगे, उनके लिए कोई अंक नहीं दिया जाएगा।
- ओ.एम.आर. उत्तर-पत्रिका में भरी गई कूट सूचना को एक मशीन पढ़ेगी। यदि सूचना अपूर्ण है अथवा आवेदन प्रपत्र में दी गई सूचना से भिन्न है, तो ऐसे अभ्यर्थी को शून्य अंक दिया जाएगा।
- परीक्षा-भवन छोड़ने से पहले परीक्षार्थी को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी चाहिए।
- ऊपर के अनुदेशों में से किसी एक का भी पालन न करने पर उम्मीदवार पर विवेकानुसार कार्यवाही की जा सकती है या दण्ड दिया जा सकता है।
- विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृष्ठ संख्या 24) में छपे हुए निर्देशों में दे दी गई है, इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें।
- प्रश्नों के उत्तर जितनी जल्दी हो सके तथा ध्यानपूर्वक दें। कुछ प्रश्न आसान तथा कुछ कठिन हैं। किसी एक प्रश्न पर बहुत अधिक समय न लगाएँ।
- आकृति से सम्बन्धित प्रश्न संख्या 46 से 50 के बदले में केवल दृष्टिबाधित उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं।
- कोई रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है। रफ़ कार्य के लिए स्थान इसी पुस्तिका के प्रश्नों के नीचे दिया गया है।
- "परीक्षा हॉल/कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। प्रत्याशियों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फोन/किसी अन्य बेतार संचार साधन को स्विच ऑफ़ करके भी अपने पास न रखें। इस प्रावधान का अनुपालन न करने को परीक्षा में अनुचित उपायों का प्रयोग माना जाएगा और उनके विरुद्ध कार्रवाई की जाएगी, उनकी अभ्यर्थिता रद्द कर देने सहित।"

PART - (i) : GENERAL INTELLIGENCE AND REASONING

Directions : In questions no. 1 to 9, select the related letters/word/number from the given alternatives.

1. Nib : Pen :: Lens : ?
(A) Flash (B) Mirror
~~(C) Telescope~~ (D) Focus
2. Spider : Web :: Bird : ?
(A) Wing (B) Nest
(C) Egg (D) Peak
3. Penta : Five :: Octa : ?
(A) Two (B) Four
(C) Eight (D) Six
4. AESV : YUIF :: CGTX : ?
(A) WTHD (B) WSGD
(C) WSHD (D) WSHC
5. XTPL : EKNR :: UQMI : ?
(A) BHKO (B) DJMQ
(C) GMPT (D) HNQU
6. BCFG : HILM :: NORQ : ?
(A) TXWU (B) TUXW
(C) TXUW (D) TVWX
7. 16 : 26 :: 36 : ?
(A) 49 (B) 51
(C) 47 ~~(D) 50~~
8. 20 : 11 :: 102 : ?
(A) 49 (B) 52
(C) 61 (D) 98
9. 32 : 20 :: 64 : ?
(A) 31 (B) 32
(C) 33 (D) 34

Directions : In questions no. 10 to 18, find the odd word/number/letters/number group from the given alternatives.

10. (A) Station Master (B) Guard
(C) TTE (D) Driver
11. (A) Tomato (B) Potato
(C) Carrot (D) Beet-root
12. (A) Lima (B) Algiers
(C) New York (D) Tokyo
13. (A) XW ~~(B) FG~~
(C) ML (D) PO
14. (A) EBA (B) XUT
(C) TQP ~~(D) JFE~~
15. (A) AC 4 (B) DH 12
(C) LP 28 (D) RS
16. (A) 441 21 (B) 289
(C) 361 ~~(D) 343 21~~
17. (A) 32 (B) 35
~~(C) 19~~ (D) 36
18. (A) 15, 3, 4 (B) 39, 4, 9
~~(C) 42, 5, 8~~ (D) 45, 6, 7

Directions : In questions no. 19 and 20, arrange the following words in the ascending order, as in the dictionary.

19. 1. Approximate 2. Application
3. Appointment 4. Approach
5. Apprentice
(A) 2, 5, 3, 1, 4 (B) 2, 3, 5, 4, 1
(C) 1, 2, 4, 3, 5 (D) 4, 5, 2, 3, 1
20. 1. Periwig 2. Perish
3. Permeate 4. Pernickety
5. Permissive
(A) 3, 1, 4, 5, 2 (B) 4, 2, 1, 3, 5
(C) 2, 1, 3, 5, 4 (D) 5, 3, 2, 4, 1

SPACE FOR ROUGH WORK

21. Arrange the following words in a meaningful order :

1. Leaf 2. Fruit
 3. Stem 4. Root
 5. Flower

- (A) 4, 3, 1, 5, 2 (B) 4, 3, 1, 2, 5
 (C) 3, 4, 5, 1, 2 (D) 4, 1, 3, 5, 2

Directions : In questions no. 22 and 23, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

22. ba_ba_bac_acb_cbac

- (A) aacb (B) bbca
 (C) ccba (D) cbac

23. cc_ccbc_accbcc_c_b

- (A) acac (B) abac
 (C) abab (D) aabc

Directions : In questions no. 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. 131, 152, 173, 194, ?

- (A) 152 (B) 173
 (C) 193 (D) 215

25. SCD, TEF, UGH, ?, WKL

- (A) CMN (B) UJI
 (C) VIJ (D) LJT

26. 7, 12, 22, 37, 57, ?

- (A) 41 (B) 50
 (C) 82 (D) 90

27. 1, 5, 14, 30, 55, ?

- (A) 95 (B) 97
 (C) 91 (D) 55

28. The three colour pencils, Red, Blue and Green, if arranged one after another in that order, can be called RBG. In how many different ways can these three pencils be arranged ?

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

29. The average age of a class of 25 students is 16. When the teacher's age is included, the average age becomes 17. What is the age of the teacher ?

- (A) 26 (B) 42
 (C) 25 (D) 51

30. The average age of a man and his wife was 25, 15 years ago. The average age of the family which now includes a child, is 30 years. How old is the child now ?

- (A) 10 years (B) 15 years
 (C) 12 years (D) 8 years

31. All the numbers from 2 to 35, divisible by 2 are arranged in ascending order. Which number will be at 9th place from top ?

- (A) 26 (B) 16
 (C) 22 (D) 18

32. From the given alternatives, select the word which **cannot** be formed using the letters of the given word.

'REPRESENTATIVE'

- (A) REPEAT (B) PRESENT
 (C) RESTIVE (D) REPRESS

33. If in a coded language, PROSPECTUS is coded as POPCURSETS, how will APPLICANTS be coded ?

- (A) APIATCPLNS (B) APIATPLCNS
 (C) PIATLSCNI (D) TIAPINCSL

SPACE FOR ROUGH WORK

(14) $x + y = 30$
 (10)

34. In a certain code, MOHAN. is written as AOMNH. How can KUMAR be written in that code ?

- (A) RAMUK (B) AMRKU
(C) MURKA (D) AUKRM

35. If 'FRONT' is coded as 'GSPOU', how would the word 'MARCH' be coded ?

- (A) NBSDI (B) NBSFI
(C) NBSEF (D) NBSHI

36. In a certain code, BADE is written as YZ WV. How is HIGH written in that code ?

- (A) RSTR (B) SRTS
(C) TRST (D) USTU

Directions : In questions no. 37 and 38, select the missing number from the given responses.

37. $\begin{matrix} 6 & 7 & 4 \\ 3 & 5 & 8 \\ 2 & 1 & 9 \\ 326 & 517 & ? \end{matrix}$

- (A) 984 (B) 894
(C) 948 (D) 498

38. $\begin{matrix} 2 & 4 & 8 \\ 3 & 9 & 27 \\ 4 & 16 & 64 \\ 5 & 25 & ? \end{matrix}$

- (A) 75 (B) 50
(C) 84 (D) 125

39. If '+' stands for division, '-' stands for multiplication, 'x' stands for subtraction, and '.' stands for addition, which one of the following equations is correct ?

- (A) $36 \div 12 - 14 + 10 \times 4 = 40$
(B) $36 \div 12 + 14 \times 10 - 4 = 36$
(C) $36 \times 12 + 14 \div 10 - 4 = 32$
(D) $36 \div 12 \times 14 + 10 - 4 = 44$

40. If $16 \times 13 \times 18 = 749$, $22 \times 25 \times 35 = 478$, then $61 \times 43 \times 45 = ?$

- (A) 977 (B) 749
(C) 779 (D) 797

41. Based on the given details, estimate the number of martyrs who lived in a district for the year 1958.

| 1944 | 1951 | 1958 | 1965 | 1972 |
|------|------|------|------|------|
| 252 | 203 | ? | 135 | 116 |

- (A) 154 (B) 184
(C) 164 (D) 145

42. A squad of soldiers marching towards East received the following commands - About Turn, Left Turn, Right Turn, Right Turn, About Turn. In which direction were they going at the end ?

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

43. A girl walks 200 m North East and then turns left. She walks a distance of 150 m. Where is she now from her initial position ?

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

SPACE FOR ROUGH WORK



44. Given that

1. Shyam is not the father of Hari.
2. Hari is the son of Suresh.
3. Suresh has three sons.

Which one of the following conclusions can be drawn from the above statements ?

- (A) Shyam is the son of Suresh
 (B) Hari is the brother of Shyam
 (C) Suresh is the father of Hari
 (D) Shyam has no children

45. All working people take life insurance policies. LIC policies are also taken by housewives. Shradha has taken LIC policy. Which statement is correct among the following ?

- (A) Shradha is a working woman
 (B) Shradha is a housewife
 (C) Shradha is a working woman and housewife
 (D) Shradha is a lady

46. Which answer figure will complete the question figure ?

Question figure :



Answer figures :



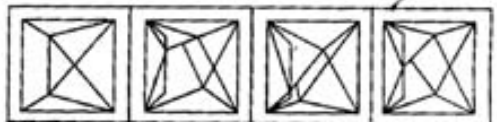
- (A) (B) (C) (D)

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

Question figure :



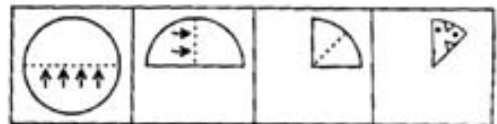
Answer figures :



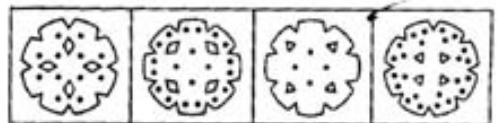
- (A) (B) (C) (D)

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)

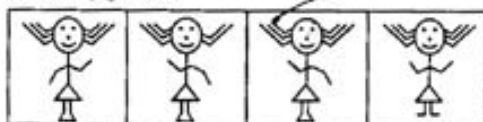
SPACE FOR ROUGH WORK

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

Question figure :



Answer figures :



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

50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., H can be represented by 14, 33, etc., and B can be represented by 67, 88, etc. Similarly, you have to identify the set for the word READ.

MATRIX I

| | | | | | |
|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 |
| 0 | R | H | E | L | I |
| 1 | I | E | L | R | H |
| 2 | H | L | R | I | E |
| 3 | E | R | I | H | L |
| 4 | L | I | H | E | R |

MATRIX II

| | | | | | |
|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 |
| 5 | B | S | N | A | D |
| 6 | D | N | B | S | A |
| 7 | A | B | D | N | S |
| 8 | S | D | A | B | N |
| 9 | N | A | S | D | B |

- (A) 22, 24, 69, 88
 (B) 13, 03, 57, 56
 (C) 00, 30, 69, 68
 (D) 13, 43, 87, 59

FOR VISUALLY HANDICAPPED
 CANDIDATES ONLY

46. Rohit bought 10 kg of rice at the rate of ₹ 11.00 per kg and 15 kg of rice at the rate of ₹ 16.00 per kg. At what price per kg should he sell the mixture of the two to have a profit of ₹ 2 per kg ?

- (A) ₹ 14 (B) ₹ 15
 (C) ₹ 16 (D) ₹ 17

47. Find out the missing number in the series.

51, 100, 125, 134, ?

- (A) 143 (B) 135
 (C) 150 (D) 159

48. From the given alternatives, select the word which **cannot** be formed by using the letters of the given word.

PROCLAMATION

- (A) MOTION (B) PROMOTION
 (C) CLAIM (D) RATION

49. Select the related word from the given alternatives.

Aeroplane : Pilot :: Ship : ?

- (A) Driver (B) Conductor
 (C) Captain (D) Collector

50. Find the odd word from the given alternatives.

- (A) Microscope (B) Telescope
 (C) Periscope (D) Stethoscope

SPACE FOR ROUGH WORK

PART - (ii) : GENERAL ENGLISH

Directions : In questions no. 51 to 55, some parts of the sentences have errors and some have none. 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.

51. During the last decade, / especially in the aftermath of economic reforms, /
 (A) (B)
 there have been an increase in the number of new institutions, / No error.
 (C) (D)
52. The common man will lose faith / in the judiciary / if judicial posts remain unfilled. / No error.
 (A) (B) (C) (D)
53. With profound grief / he informed the sad demise / of his step-father. / No error.
 (A) (B) (C) (D)
54. Each of the students in the D.Litt. class / has to type / their own research paper. / No error.
 (A) (B) (C) (D)
55. Gadchiroli has become the late bloody / footnote in the escalating war /
 (A) (B)
 that the Maoists have launched against the Indian State. / No error.
 (C) (D)

Directions : In questions no. 56 to 60, 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.

56. It is difficult to _____ the idea of a balanced diet to one who does not know about food values.
 (A) put up (B) put across
 (C) put into (D) put through
57. The thief who was hiding behind a bush _____ a sneeze as the policeman passed by.
 (A) stifled (B) controlled
 (C) smothered (D) silenced
58. _____ can tell me anything about it.
 (A) Any one (B) No one
 (C) Every one (D) Some one
59. A story is a story, _____ there is nothing in it.
 (A) that (B) for
 (C) lest (D) although

60. I wish I _____ the news to him, but I was so stupid.
 (A) have not broken
 (B) did not break
 (C) had not broken
 (D) would not break

Directions : In questions no. 61 to 65, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

61. Humdrum
 (A) Quiet (B) Boring
 (C) Lively (D) Noisy
62. Entice
 (A) Love (B) Flight
 (C) Lure (D) Cheat
63. Conducive
 (A) Misleading (B) Dependent ✓
 (C) Favourable (D) Certain
64. Voracious
 (A) Greedy (B) Smelly
 (C) Keen (D) Various
65. Divulge
 (A) Stare (B) Decline
 (C) Disdain (D) Reveal

Directions : In questions no. 66 to 70, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

66. Boom
(A) Prosperity (B) Recession
(C) Concession (D) Combination
67. Ally
(A) Associate (B) Contestant
(C) Colleague (D) Accomplice
68. Gravity
(A) Tranquility (B) Frivolity
(C) Amity (D) Frailty
69. Insolent
(A) Determined (B) Rich
(C) Sullen (D) Affable
70. Vilify
(A) Disparage (B) Eulogise
(C) Detract (D) Depreciate

Directions : In questions no. 71 to 75, 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.

71. He turned a new leaf after 50.
(A) became better
(B) became more arrogant
(C) became more critical
(D) became more rigid
72. His remarks were clearly beyond the pale.
(A) unintelligible (B) unacceptable
(C) harmless (D) inoffensive
73. I admire the way your sister sticks to her guns.
(A) holds on to her pistol
(B) maintains her opinion
(C) refuses to shoot
(D) challenges the intruders
74. I think the time has now come when we'll simply have to call it a day.
(A) stop thinking (B) continue working
(C) start working (D) stop working

75. Some people have a habit of wearing their heart on their sleeve.
(A) saying something which is not to be taken seriously
(B) exposing their innermost feelings to others
(C) avoiding being friendly with others
(D) wasting their time on unnecessary details

Directions : In questions no. 76 to 80, 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.

76. If he was there at all, he ought to have come late.
(A) must have (B) was to
(C) should have (D) No improvement
77. As an adult, she acted in an immature manner.
(A) To (B) At
(C) For (D) No improvement
78. The lawyer mentioned that we had to pay five thousand rupees with accordance to the contract.
(A) in accordance with
(B) in accordance to
(C) with accordance in
(D) No improvement
79. I like a home filled with every modern convenience.
(A) replete (B) replenished
(C) concrete (D) No improvement
80. We all attended the nuptial ceremony.
(A) christening (B) wedding
(C) funeral (D) No improvement

Directions : In questions no. 81 to 85, out of the four alternatives choose the one which can be substituted for the given words/sentence.

81. Act or speech for inciting the public against the government
(A) Sedition (B) Tirade
(C) Revolt (D) Treachery

82. Speech or conversation characterized by quick, witty comments or replies
 (A) Repartee (B) Gossip
 (C) Mockery (D) Colloquy
83. A collection of documents about a particular person, event or subject
 (A) Autobiography (B) Bibliography
 (C) Memento (D) Dossier
84. To soothe or pacify someone
 (A) Incite (B) Tame
 (C) Placate (D) Allay
85. Addition to complete and improve
 (A) Complement (B) Supplement
 (C) Implement (D) Development

Directions : In questions no. 86 to 90, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and indicate it in the Answer Sheet by blackening the appropriate oval.

86. (A) syesta (B) seasta
 (C) siesta (D) ciasta
87. (A) correl (B) chorel
 (C) chorral (D) chorale
88. (A) paragon (B) parragon
 (C) paraggon (D) parragon
89. (A) innoculate (B) innoculate
 (C) inoculate (D) inoculat
90. (A) grottesque (B) grotesque
 (C) grotesquie (D) grottosque

Directions : In questions no. 91 to 100, you have two brief passages with 5 questions in 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 (Questions No. 91 - 95)

Freedom in education as in other things, must be a matter of degree. Some freedom cannot be tolerated. I met a lady once who maintained that no child should ever be forbidden to do anything because a child ought to develop its nature from within. "How if its nature leads it to swallow pins?" I asked but I regret to say that the answer

was mere vituperation. And, yet every child, left to itself will sooner or later swallow pins or drink poison out of medicine bottles, or fall out of an upper window, or otherwise bring itself to a bad end. At a slightly later age, boys, when they have the opportunity, will go unmarked, overeat, smoke till they are sick, catch chills from sitting in wet feet and so on — let alone the fact that they will amuse themselves by playing elderly gentlemen. Therefore, one who advocates freedom in education cannot mean that children should do exactly as they please all day long. An element of discipline and authority must exist; the question is as to the amount of it, and the way in which it is to be exercised. Most children, left to themselves, would not learn to read or write. Therefore, there must be educational institutions, and children must be to some extent under authority. But all authority is not wholesome, and hence it has to be minimal. At the same time, ways should be devised for young people's natural desires and impulses to be utilised in education.

91. The lady wanted
 (A) grown-ups to be indifferent to children
 (B) no child to be punished
 (C) all children to be permitted to act as they please
 (D) children with inherent ability to be permitted to act as they please
92. The author feels that a child should be
 (A) kept under strict vigil
 (B) allowed no freedom
 (C) made subservient to teachers
 (D) subjected to reasonable discipline and control
93. What does the author say about authority? The author says
 (A) that it should be kept to the minimum
 (B) that it should be exerted to the maximum
 (C) that it should not be exercised at all
 (D) that it should be exercised tactfully

94. Which of the following is different from the author's view ?
- (A) That freedom in education does not mean an unrestrained freedom to a child
 (B) That display of absolute authority is not healthy
 (C) That a child's natural ability and aptitude should be encouraged in imparting education to it
 (D) That a child cannot grow into a healthy individual if checked in any way
95. The word 'vituperation' here means
- (A) nonsense (B) indifference
 (C) abuse (D) negation

Passage II (Questions No. 96 - 100)

Economists, ethicists and business experts persuade us that honesty is the best policy, but their evidence is weak. We hoped to find data that would support their theories and thus, perhaps, encourage higher standards of business behaviour. To our surprise, their pet theories failed to stand up. Treachery, we found, can pay. There is no compelling economic reason to tell the truth or keep one's word. Punishment for the treacherous in the real world is neither swift nor sure.

Honesty is, in fact, primarily a moral choice. Business people do tell themselves that, in the long run, they will do well by doing good. But there is little factual or logical basis for this conviction. Without values, without a basic preference of right over wrong, trust based on such delusion would crumble in the face of temptation. Most of us choose virtue because we want to believe in ourselves and because others respect and believe us.

And due to this, we should be happy. We can be proud of a system in which people are honest because they want to be, not because they have to be. Materially, too, trust based on morality provides great advantages. It allows

us to join in great and exciting enterprises that we could never undertake if we relied on economic incentives alone.

96. One can be proud of the present system because people can be
- (A) unselfish
 (B) respect-seekers
 (C) virtuous
 (D) honest without compulsion
97. What did the author find out about the theory that 'honesty is the best policy' ?
- (A) It always encourages higher standards of business behaviour
 (B) It never encourages higher standards of business behaviour
 (C) It is a theory which seems to be correct only occasionally
 (D) It is a useless theory
98. A dishonest businessman, according to the passage,
- (A) is always punished
 (B) may or may not be punished
 (C) is generally punished
 (D) is never punished
99. Which of the following statements is *false* ?
- (A) Honesty is essentially a moral choice
 (B) Economists and ethicists want us to believe that honesty is the best policy
 (C) Economists believe that all businessmen are dishonest
 (D) Virtuous behaviour earns the respect of others
100. Which of the following words or phrases in the passage means 'to be true or satisfactory' ?
- (A) Keep one's word (B) Stand up
 (C) Conviction (D) Morality

PART - (iii) : GENERAL AWARENESS

101. The theory of natural check on over population was developed by
(A) Ricardo (B) Malthus
(C) Mill (D) Smith
102. Price rigidity is a feature of
(A) Perfect competition
(B) Monopoly
(C) Oligopoly
(D) Duopoly
103. The book "Wealth of Nations" was written by
(A) Marshall (B) Ricardo
(C) Adam Smith (D) J.M. Keynes
104. The 2001 Census is the
(A) 11th census (B) 12th census
(C) 13th census (D) 14th census
105. Which one of the following is a feature of a pure public good ?
(A) Increasing average costs
(B) Decreasing average costs
(C) Constant costs
(D) No definite cost feature
106. When was the jurisdiction of Comptroller and Auditor General of India extended to Jammu and Kashmir ?
(A) 1950 (B) 1958
(C) 1955 (D) 1953
107. The Sarkaria Commission was appointed to
(A) find a solution to the Punjab crisis
(B) examine Centre-State relations
(C) resolve dispute over sharing of Cauvery waters
(D) examine the working of public sector undertakings
108. Democratic Socialism differs from Marxian Socialism on the basis of its emphasis on
(A) Social Equality
(B) Political Equality
(C) Economic Equality
(D) Freedom of the individual
109. Banaras Hindu University was established by
(A) Swami Vivekananda
(B) Swami Dayanand
(C) Madan Mohan Malviya
(D) Raja Ram Mohan Roy
110. Which one of the following is *not* a direct tax ?
(A) Income tax (B) Excise duty
(C) Gift tax (D) Profit tax
111. The Lahore Session of the Congress, which declared 'Purna Swaraj' as its goal, was presided over by
(A) Mahatma Gandhi
(B) Jawaharlal Nehru
(C) Motilal Nehru
(D) Subhash Chandra Bose
112. Who granted the Charter to establish the 'East India Company' ?
(A) Queen Victoria
(B) Queen Elizabeth I
(C) Emperor James I
(D) Emperor Edward

113. Who among the following is called the 'Father of Indian Archaeology' ?
- (A) Alexander Cunningham
 (B) Sir John Marshall
 (C) R.E. Mortimer Wheeler
 (D) R.D. Banerji
114. Match the following :
- | | |
|-----------------|--------------------|
| a. Adi Sankara | 1. Vishishtadvaita |
| b. Ramanuja | 2. Dvaitadvaita |
| c. Madhvacharya | 3. Advaita |
| d. Nimbarka | 4. Dvaita |
- | | a | b | c | d |
|-----|---|---|---|---|
| (A) | 3 | 1 | 4 | 2 |
| (B) | 3 | 4 | 2 | 1 |
| (C) | 4 | 2 | 1 | 3 |
| (D) | 1 | 2 | 3 | 4 |
115. Who was the founder of the Ajivika sect ?
- (A) Vardhamana Mahavira
 (B) Gautama Buddha
 (C) Gosala Maskariputra
 (D) Ajitha Kesakambalin
116. The iron and steel plant in Orissa is located at
- (A) Bhilai (✓) (B) Rourkela
 (C) Durgapur (✓) (D) Bhadravati (✓)
117. The country which has a low density of population is
- (A) China (B) Malaysia
 (C) Pakistan (D) Norway (✓)
118. Where are the important plants of BHEL located ?
- (A) Bhopal, Hyderabad, Tiruchirapalli
 (B) Delhi, Mumbai, Kolkata
 (C) Haridwar, Tiruchirapalli, Srinagar
 (D) Bhopal, Hyderabad, Pinjore
119. When did Niagara Falls stop falling ?
- (A) 1848 (B) 1845
 (C) 1842 (D) 1846
120. 'Amphibious' is associated with
- (A) Boat houses
 (B) Beach houses
 (C) Floating houses
 (D) Hill houses
121. The longest portion of the human digestive tract is
- (A) duodenum (B) jejunum
 (C) large intestine (D) small intestine
122. The number of people becoming HIV positive every day is around
- (A) 6,000 (B) 60,000
 (C) 600,000 (D) 1,000,000
123. Cystolith is a structure associated with the process of
- (A) Hearing (B) Excretion
 (C) Respiration (D) Reproduction (✓)
124. Which of the following is *not* an antibiotic ?
- (A) Ampicillin (B) Streptomycin (✓)
 (C) Penicillin (D) Paracetamol (✓)

125. Kala-azar is caused by
(A) Giardia (B) Trypanosoma
(C) Leishmaniasis (D) Monocystis
126. 'Triticale', the only man-made cereal, has been produced through a cross between
(A) Ragi and Rye (B) Ragi and Rice
(C) Rye and Rice (D) Rye and Wheat
127. Which one of the following is the best insulator of heat ?
(A) Wood (B) Cloth
(C) Air (D) Cotton
128. Which phenomena is responsible for the brightness of diamonds ?
(A) Partial reflection of light
(B) Total internal reflection of light
(C) Refraction from outer surface
(D) Polarisation of light
129. Which process is responsible for the formation of mirage ?
(A) Refraction of light
(B) Transmission of heat
(C) Total internal reflection
(D) Convection current of heat
130. If the pressure of a liquid is increased, its boiling temperature will
(A) Increase
(B) Decrease
(C) Remain unchanged
(D) Increase or decrease depending on the containing vessel
131. Which microprocessor chip was the first to be used in a personal computer ?
(A) Intel 4004 (B) Intel 8088
(C) Intel 8080 (D) Intel 8085
132. A set of instructions for a computer is called
(A) Hierarchy (B) Program
(C) Rules (D) Guidelines
133. DDT is a
(A) Herbicide (B) Insecticide
(C) Fungicide (D) Rodenticide
134. Pellagra is associated with the deficiency in diet of
(A) Vitamin E (B) Vitamin A
(C) Nicotinic acid (D) Pyridoxine
135. During the rusting of an iron rod,
(A) its colour does not change but weight decreases
(B) its colour changes and weight decreases
(C) its colour changes and weight increases
(D) its colour does not change but weight increases
136. Chemical name of Aspirin is
(A) Acetyl salicylate
(B) Acetyl salicylic acid
(C) Benzyl salicylic acid
(D) Tartar emetic
137. What is the study of the rings in the trees to estimate the life-span and the climatic conditions prevailing in the past called ?
(A) Ring analysis
(B) Varve analysis
(C) Palaeoclimatology
(D) Dendrochronology

138. The sour taste of vinegar is due to the presence of
(A) Citric acid (B) Acetic acid
(C) Tartaric acid (D) Lactic acid
139. A new pain-killer stronger than morphine was found in the venom of
(A) Horse-shoe crab (B) Krait
(C) Cone-snail (D) Scorpion
140. The term "Fourth Estate" refers to
(A) Press (B) Legislature
(C) Executive (D) Judiciary
141. Shintoism is practised in
(A) China (B) Japan
(C) Singapore (D) Australia
142. Diet is the parliament of
(A) Israel (B) Sweden
(C) Germany (D) Japan
143. The year 2008 was designated by SAARC as the year of
(A) Literacy
(B) Poverty Alleviation
(C) Good Governance
(D) Participatory Governance
144. Jog Waterfall, the highest waterfall in India, is located in the State of
(A) Uttar Pradesh (B) Maharashtra
(C) Karnataka (D) West Bengal
145. The first recipient of the Dada Saheb Phalke Award was
(A) B.N. Sarkar
(B) Prithvi Raj Kapoor
(C) Mrs. Devika Rani
(D) Mrs. Kanan Devi
146. World Environment Day is observed on
(A) 5th January (B) 5th March
(C) 5th May (D) 5th June
147. Who of the following is the author of the latest book 'Kashmir and Beyond 1966 - 84' ?
(A) Karan Singh (B) I.K. Gujral
(C) L.C. Jain (D) Kuldip Singh
148. The 115th Constitutional Amendment Bill which was introduced in the Parliament in 2011, is related to
(A) Oriya language
(B) Reservations
(C) Goods and Services Tax
(D) Elections
149. According to a worldwide Cost of Living Survey released in 2011, which of the following is the costliest city in the world ?
(A) Oslo (B) Paris
(C) Sydney (D) Tokyo
150. Ranji Trophy Cricket Championship was won in 2011 by
(A) Rajasthan (B) Baroda
(C) Mumbai (D) Tamil Nadu