

PA

1005341

BM 2013

PAPER I

प्रश्न-पत्र I

Test Form No.

टेस्ट फॉर्म सं.

111 TP 2

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

Maximum Marks : 200

निर्धारित समय : 2 घंटे (दृष्टिबाधित उम्मीदवारों के लिए : 2 घंटे 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.

प्रश्नों के उत्तर देने से पहले नीचे लिखे 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 three parts :
Part (a) : General Intelligence & Reasoning (50 Questions)
Part (b) : General English (50 Questions)
Part (c) : General Awareness (100 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. (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. 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 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.
- "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 in switched off mode, 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 and future debarment from appearing in exams conducted by the Commission."

उम्मीदवारों के लिए अनुदेश

- इस पुस्तिका में कुल 200 प्रश्न हैं, जिनमें निम्नलिखित तीन भाग शामिल हैं :
भाग (क) : सामान्य बुद्धिमत्ता एवं तर्कशक्ति (50 प्रश्न)
भाग (ख) : सामान्य अंग्रेजी (50 प्रश्न)
भाग (ग) : सामान्य जागरूकता (100 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 काटा जाएगा।
- 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 पाएँ, तो तत्काल इसके बदले दूसरी पुस्तिका ले लें।
- निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जाएगी। उत्तर-पत्रिका के Side-I में निम्नलिखित 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 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 अण्डाकार खानों को केवल काला/नीला बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ। जो अण्डाकार खाने काला/नीला बॉल-पॉइंट पेन से नहीं भरे जाएँ, 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 32) 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 प्रश्नों के नीचे दिया गया है।
- "परीक्षा हॉल/कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं। उम्मीदवारों 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 भविष्य में आयोग द्वारा आयोजित की जाने वाली परीक्षाओं में सम्मिलित होने से भी वंचित किया जायेगा।"

PART (a) : GENERAL INTELLIGENCE & REASONING

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

1. Head : Brain :: Grenade : ?
 (A) Hand (B) Throw
 (C) Explode (D) Gun-powder
2. Maths : Logic :: Science : ?
 (A) Experiment (B) Laboratory
 (C) Scientists (D) Facts
3. French : France :: Dutch : ?
 (A) Holland (B) Norway
 (C) Fiji (D) Sweden
4. BH : KQ :: FK : ?
 (A) MS (B) OT
 (C) QW (D) ST
5. MIKE : OGMC :: CIAD : ?
 (A) AJCF (B) EGCB
 (C) ENCF (D) EICB
6. ABCDE : ONMLK :: FGHIJ : ?
 (A) TSRQP (B) JIHGF
 (C) YXWVU (D) BGLQV
7. 21 : 65 :: 31 : ?
 (A) 75 (B) 80
 (C) 85 (D) 95
8. 04 : 25 :: 09 : ?
 (A) 16 (B) 100
 (C) 49 (D) 64
9. 50625 : 65536 :: 83521 : ?
 (A) 97627 (B) 98371
 (C) 103967 (D) 104976

Directions : In questions no. 10 to 18, select the one which is different from other three alternatives.

10. (A) Sky (B) Wind
 (C) Fountain (D) Rain
11. (A) Washing machine
 (B) Mixer grinder
 (C) Television
 (D) Vacuum cleaner
12. (A) Bhopal (B) Chandigarh
 (C) Patna (D) Allahabad
13. (A) EV (B) BS
 (C) IZ (D) DX
14. (A) BCEH (B) FGIL
 (C) QRTW (D) XYAC
15. (A) XYADH (B) STVYC
 (C) NOQSV (D) PQSVZ
16. (A) 8 (B) 29
 (C) 64 (D) 125
17. (A) 73 - 85 (B) 55 - 68
 (C) 33 - 46 (D) 27 - 40
18. (A) 3395 (B) 5150
 (C) 4283 (D) 2361

Directions : In questions no. 19 and 20, which one of the given responses would be a chronological meaningful order of the following words ?

19. 1. Independence Day
 2. Republic Day
 3. Gandhiji's Birthday
 4. Netaji's Birthday
 (A) 1, 2, 3, 4
 (B) 4, 1, 2, 3
 (C) 4, 2, 1, 3
 (D) 3, 2, 4, 1

20. 1. Button 2. Shirt
3. Cloth 4. Stitch
5. Wear
(A) 3, 5, 2, 1, 4
(B) 3, 4, 1, 2, 5
(C) 3, 1, 4, 2, 5
(D) 3, 1, 5, 4, 2

21. Arrange the following words according to the English Dictionary :

1. Umbra 2. Umber
3. Umlaut 4. Umbrage
(A) 4, 2, 1, 3 (B) 2, 1, 4, 3
(C) 2, 3, 1, 4 (D) 1, 2, 3, 4

Directions : In questions no. 22 to 26, choose the correct alternative from the given ones which will complete the series.

22. C G L R Y ?

- (A) A (B) G
(C) I (D) H

23. C G K O
 E I M Q
 H L P T
 K O ? ?

- (A) S, W (B) L, K
(C) S, T (D) Q, T

24. 2, 12, 60, ?, 720, 1440

- (A) 120 (B) 480
(C) 240 (D) 360

25. 1, 6, 15, ?, 45, 66, 91

- (A) 25 (B) 26
(C) 27 (D) 28

26. 3, 6, 5, 10, 9, ?, ?

- (A) 8, 11 (B) 11, 12
(C) 8, 7 (D) 18, 17

27. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

_on_lk_ih_fe_cb_

- (A) pmjgda (B) pmgjda
(C) pmgjad (D) pmjgad

28. Introducing a man, a woman said "His mother is the only daughter of my father." How is the man related to the woman?

- (A) Father (B) Son
(C) Uncle (D) Brother

29. 5 students took part in a race. Joy finished before Manoj but after Amar. Atanu finished before Sanjeev but after Manoj. Who won the race?

- (A) Joy (B) Amar
(C) Sanjeev (D) Manoj

30. A father is 5 times as old as his son. After 24 years he will twice as old as his son. Find their present ages (in years).

- (A) 50, 10 (B) 40, 8
(C) 55, 11 (D) 45, 9

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

ENTERTAINMENT

- (A) RENT (B) MART
(C) TRAIN (D) MONITER

32. A group of alphabets are given with each being assigned a number. These have to be unscrambled into a meaningful word and correct order of letters may be indicated from the given responses.

N V O E M R G E N T

1 2 3 4 5 6 7 8 9 10

- (A) 4 2 3 1 5 7 6 9 8 10
(B) 7 3 1 5 2 4 6 8 10 9
(C) 7 3 2 4 6 1 5 8 9 10
(D) 5 1 6 3 2 8 4 7 9 10

33. In a certain code language, if PROCESS is coded as KILXVHH, how would SERVICE be coded in that code ?

- (A) HVIFRXV (B) HVIERXV
(C) HUIERXV (D) HVIFRYV

34. If PRAISE is coded as 351965, then how is CONTROL coded in that code ?

- (A) 31275212 (B) 32175212
(C) 32172512 (D) 32715212

35. If M stands for \div , N stands for $-$, P stands for \times and Q stands for $+$, then what is the value of the given equation ?

$$12 P 2 Q 24 M 4 N 5 = ?$$

- (A) 28 (B) 25
(C) 26 (D) 24

Directions : In questions no. 36 and 37, some equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.

36. $27 \ 8 \ 65 = 52,$
 $56 \ 2 \ 32 = 38,$
 $2 \ 34 \ 62 = ?$

- (A) 22 (B) 26
(C) 19 (D) 37

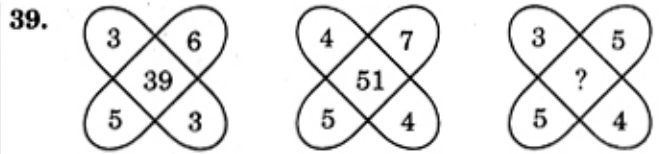
37. $94 + 31 + 22 = 43,$
 $56 + 85 + 28 = 86,$
 $27 + 45 + 25 = ?$

- (A) 59 (B) 72
(C) 44 (D) 42

Directions : In questions no. 38 and 39, find the missing number from the given responses.

38. $14 \ 18 \ 27$
 $7 \ 9 \ 3$
 $5 \ 8 \ 5$
 $7 \ 10 \ ?$

- (A) 12 (B) 10
(C) 9 (D) 14



- (A) 35 (B) 37
(C) 45 (D) 47

40. A man starts walking towards south. After walking 5 km he turns left twice at right angles. In what direction is he finally walking ?

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

41. Ram and Mohan start from their house and walk 8 km in the same direction. Then Ram turned to his left and Mohan turned to the right, and both of them walked 5 km. After that both of them walk 4 km backwards. How far apart are they from each other ?

- (A) 2 km (B) 5 km
(C) 6 km (D) 10 km

42. We are five friends sitting in a row. Biplab is the 2nd right of Arjun, but I am on the 2nd right of Amon. Arjun is to the immediate left of Amon. Sagar is to the immediate left of Arjun. Who is the middle one ?

- (A) Biplab (B) Sagar
(C) Me (D) Amon

43. A solid cube is made using 27 small cubes. In how many small cubes are two sides seen ?

- (A) 18 (B) 14
(C) 12 (D) 15

Directions : In questions no. 44 and 45, take the given statements as true and decide which of the conclusions (if any) logically follows from the statements.

44. Statements :

All bottles are jars. Some jars are pots. All pots are taps. No tap is tank.

Conclusions :

- I. All bottles are tank.
- II. All pots are tank.

- (A) Only conclusion I follows
- (B) Only conclusion II follows
- (C) Both conclusions I and II follow
- (D) Neither conclusion I nor conclusion II follows

45. Statement :

Any student who does not behave properly while in the school brings bad name to himself and also for the school.

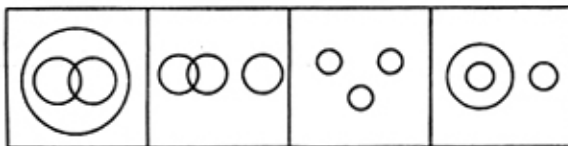
Conclusions :

- I. Such students should be removed from the school.
- II. Stricter discipline does not improve behaviour of the students.

- (A) Only conclusion I follows
- (B) Only conclusion II follows
- (C) Both conclusions I and II follow
- (D) Both conclusions I and II do not follow

46. Identify the diagram that best represents the relationship among classes given below :

Plants, Scientists, Men



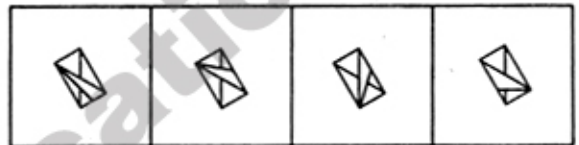
- (A)
- (B)
- (C)
- (D)

47. Which answer figure will complete the pattern in the question figure ?

Question figure :



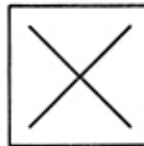
Answer figures :



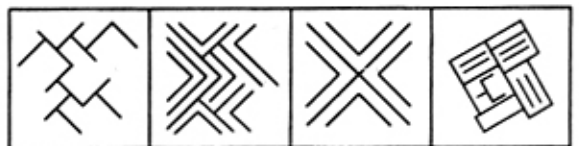
- (A)
- (B)
- (C)
- (D)

48. Select the answer figure in which the question figure is hidden/embedded.

Question figure :



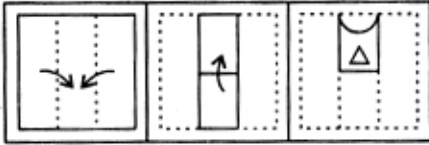
Answer figures :



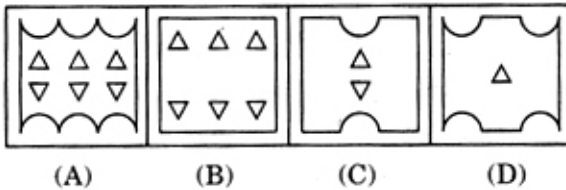
- (A)
- (B)
- (C)
- (D)

49. 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 :

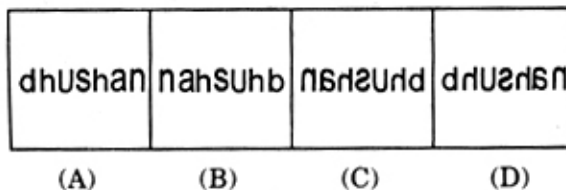


50. Which of the answer figures is exactly the mirror image of the given figure, when the mirror is held on the line XY.

Question figure :



Answer figures :



FOR VISUALLY HANDICAPPED CANDIDATES

46. If the day before yesterday was Sunday, when will Friday be ?
 (A) Two days after today
 (B) Day after tomorrow
 (C) Tomorrow
 (D) Three days after tomorrow
47. Madhuri is taller than Sarmistha, Riya is taller than Madhuri, Sreya is also taller than Riya. Aditi is the tallest among them. Who is the middle as per height among them ?
 (A) Madhuri (B) Riya
 (C) Sarmistha (D) Sreya
48. In a student's queue Rupa is 34th from the front end and 21th from the back end. How many students are there in the queue ?
 (A) 55 (B) 54
 (C) 53 (D) 52
49. The sum of two numbers is 97 and their difference is 37. Find out the numbers.
 (A) 37 and 97 (B) 73 and 37
 (C) 67 and 30 (D) 114 and 97
50. A monkey climbs a tree 11 ft high. At each leap he climbs 3 ft and falls 1 ft down. How many leaps does the monkey take to climb the tree top ?
 (A) 4 (B) 5
 (C) 6 (D) 7

PART (b) : GENERAL ENGLISH

Directions : In questions no. 51 to 55, some part of the sentences has 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.

51. My brother and I / have been living here / since two years. / No error.
(A) (B) (C) (D)
52. I have kept / all my luggages / in the cloak room. / No error.
(A) (B) (C) (D)
53. Would you / get me / little sugar ? / No error.
(A) (B) (C) (D)
54. He who is assiduous / in his work / is sure of win. / No error.
(A) (B) (C) (D)
55. Some of the books / prescribed for study this year / has been out of print. / No error.
(A) (B) (C) (D)

Directions : In questions no. 56 to 60, 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.

56. Proper grammar, spelling and punctuation _____ essential.
(A) is (B) was
(C) much (D) are
57. Let us not go on foot _____ it is already late.
(A) so (B) for
(C) until (D) when
58. I have been waiting for you _____ nine o'clock.
(A) on (B) at
(C) till (D) since
59. The quality of the construction work is _____.
(A) abysm (B) abyssal
(C) abysmal (D) abyss
60. Today, the standard of education has _____ so much.
(A) deteriorates (B) deteriorated
(C) deteriorate (D) will deteriorate

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. Implore
(A) Request (B) Rebuke
(C) Command (D) Advise
62. Mundane
(A) Monotonous (B) Moral
(C) Arcane (D) Worldly
63. Devious
(A) Difficult (B) Short-cut
(C) Straight (D) Complicated
64. Infallible
(A) Unerring (B) Incessant
(C) Undeniable (D) Inexpressible
65. Histrionic
(A) Historical (B) Theatrical
(C) Hierarchical (D) Antique

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. Indigenous
 (A) Fearful (B) Foreign
 (C) Adequate (D) Adjacent
67. Belligerent
 (A) Intelligent (B) Peaceable
 (C) Average (D) Faithful
68. Benediction
 (A) Donation (B) Appraisal
 (C) Curse (D) Imperfection
69. Lavish
 (A) Parsimonious (B) Squander
 (C) Prolific (D) Unlimited
70. Demure
 (A) Arrogant (B) Deadly
 (C) Dastardly (D) Dogged

Directions : In questions no. 71 to 75, four alternatives are given for the given Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and mark it in the Answer Sheet.

71. A man of straw
 (A) stupid person
 (B) correspondent
 (C) unimportant person
 (D) intelligent person
72. To beat about the bush
 (A) to beat a bush
 (B) to talk irrelevantly
 (C) to talk loudly
 (D) to talk madly
73. To fight shy
 (A) to arrange
 (B) to avoid
 (C) to be shy
 (D) to fight with someone.

74. To do yeoman's service
 (A) to render valuable service
 (B) to render value judgement
 (C) to render a great care
 (D) to render huge help
75. To cut a sorry figure
 (A) to cut into pieces
 (B) to be sorry to cut something
 (C) to get bad results
 (D) to create a bad impression

Directions : In questions no. 76 to 80, 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).

76. Having betrayed by a friend, he went into depression.
 (A) Been betrayed
 (B) Being betrayed
 (C) Having been betrayed
 (D) No improvement
77. They had to face a lot of problems due to mismanagement on the behalf of the organisers.
 (A) They had to face a lot of problems due to mismanagement in the hand of the organisers.
 (B) They had to face a lot of problems due to mismanagement on the part of the organisers.
 (C) They had to face a lot of problems due to mismanagement under no control of the organisers.
 (D) No improvement
78. Wandering in the woods, the princess was abducted by a gang of robbers.
 (A) Wandering in the woods, a gang of robbers abducted the princess.
 (B) A gang of robbers wandering in the woods abducted the princess.
 (C) A gang of robbers abducted the princess who was wandering in the woods.
 (D) No improvement

79. Money does not grow on bushes.
- (A) plants
(B) shrubs
(C) trees
(D) No improvement
80. The three men kidnapped the girl, but released her after they received the ransom.
- (A) releases her
(B) will release her
(C) release her
(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 sentences and indicate it by blackening the appropriate oval (●) in the Answer Sheet.

81. Additional paragraph, especially at the end of a letter after the signature
- (A) Post script (B) Topograph
(C) Epilogue (D) Emblem
82. To give one's authority to another
- (A) Authorisation
(B) Powerful
(C) Attorney
(D) Delegate
83. Notice of death, especially in a newspaper
- (A) Condolence (B) Obituary
(C) Obesity (D) Funeral
84. Speech made to oneself when one is alone
- (A) Soliloquy (B) Oratory
(C) Monologue (D) Stoicism
85. To give up the throne or other office of dignity
- (A) Abdicate (B) Dethrone
(C) Denounce (D) Accelerate

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 mark your answer in the Answer Sheet.

86. (A) recepiant (B) receppient
(C) recipient (D) reciepiant
87. (A) labyrinth (B) lebyrinth
(C) labirynt (D) laberynth
88. (A) symetry (B) simmetry
(C) symmetry (D) symmetry
89. (A) vaccum (B) vacume
(C) vacumme (D) vacuum
90. (A) pseudoname (B) psudonym
(C) psudoname (D) pseudonym

Directions : In questions no. 91 to 100, 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

Once upon a time, there was an ugly girl. She was short and dumpy, had one leg a bit shorter than the other, and her eyebrows met in the middle. The ugly girl gutted fish for a living, so her hands smelt funny and her dress was covered in scales. She had no mother or brother, no father, sister, or any friends. She lived in a ramshackle house on the outskirts of the village, and she never complained.

One by one, the village girls married the local lads, and up the path to the church they'd prance, smiling all the way. At the weddings, the ugly girl always stood at the back of the church, smelling slightly of brine. The village women gossiped about the ugly girl. They wondered what she did with the money she earned. The ugly girl never bought a new frock, never made repairs to the house, and never drank in the village tavern. Now, it so happened that outside the village, in a great damp swamp, lived an old basket-maker who was famed for the quality of his work. One day the old basket-maker heard a knock on his door. When he opened it, the ugly girl stood there. In her hand, she held six gold coins. 'I want you to make me a husband,' she said. 'Come back in a month,' he replied. Well, the old basket-maker was

greatly moved that the ugly girl had entrusted him with such an important task. He resolved to make her the best husband he could. He made the wicker husband broad of shoulder and long of leg, and all the other things women like. He made him strong of arm and elegant of neck, and his brows were wide and well-spaced. His hair was a fine dark brown, his eyes a greenish hazel. When the day came, the ugly girl knocked on the basket-maker's door. 'He says today is too soon. He will be in the church tomorrow, at ten,' said the basket-maker. The ugly girl went away, and spent the day scraping scales from her dress.

Later that night, there was a knock on the door of the village tailor. When the tailor opened it, the wicker husband stood outside. 'Lend me a suit,' he said. 'I am getting married in the morning, and I cannot go to church naked.' 'Aaaaaaargh!' yelled the tailor, and ran out the back door. The tailor's wife came out, wiping her hands. 'What's going on?' she said. 'Lend me a suit,' said the wicker husband. 'I am getting married tomorrow, and I cannot go to my wedding naked.' The tailor's wife gave him a suit, and slammed the door in his face. Next, there was a knock on the door of the village shoe-maker. When the shoe-maker opened it, the wicker husband stood there. 'Lend me some shoes,' he said. 'I am getting married in the morning, and I cannot go to church barefoot.' 'Aaaaaaargh!' yelled the shoe-maker, and he ran out the back door. The shoe-maker's wife came out, her hands trembling. 'What do you want?' she said. 'Lend me some shoes,' said the wicker husband. 'I am getting married in the morning, and I cannot go to my wedding barefoot.' The shoe-maker's wife gave him a pair of shoes, and slammed the door in his face. Next, the wicker husband went to the village inn. 'Give me a drink,' said the wicker husband. 'I am getting married tomorrow, and I wish to celebrate.' 'Aaaaaaargh!' yelled the inn-keeper and all his customers, and out they ran. The poor wicker husband went behind the bar, and poured himself a drink. When the ugly girl got to church in the morning, she was mighty pleased to find her husband so handsome, and so well turned-out.

91. The house of the girl was
(A) well-built
(B) properly maintained
(C) badly built and maintained
(D) nice and beautiful
92. The girl lived
(A) with her mother
(B) with her father
(C) with her parents
(D) alone
93. The girl was
(A) quarrelsome (B) naughty
(C) polite (D) tricky
94. The girl lived
(A) outside of a town
(B) outside of a village
(C) in a slum
(D) in a flat
95. The girl always remained
(A) unkempt
(B) neat and clean
(C) properly dressed
(D) elegant
96. Who made the husband for the girl?
(A) The villagers
(B) The carpenter
(C) The priest of the Church
(D) The basket-maker
97. For making the husband, the creator asked the girl to come back in a
(A) day (B) week
(C) year (D) month
98. The wicker husband got his suit by
(A) borrowing (B) purchasing
(C) gift (D) theft
99. The wicker husband was
(A) fair and handsome
(B) ugly
(C) dark
(D) miserly
100. Where did the girl find her husband?
(A) In the church (B) In the village
(C) By the river-side (D) In the town

PART (c) : GENERAL AWARENESS

101. If other things remain unchanged, the demand of a commodity is a function of
(A) Income of the consumers
(B) Level of savings in a society
(C) Price of that commodity
(D) Taste of the consumer
102. At the Second Round Table Conference, the Indian National Congress was represented by
(A) Jawaharlal Nehru
(B) Mahatma Gandhi
(C) Rajendra Prasad
(D) Vallabhbhai Patel
103. Selling costs are the expenses of a firm on
(A) Sales promotion activities
(B) Means of transportation
(C) Factors of production
(D) Government taxes
104. The most important feature of monopolistic competition is
(A) Absence of selling costs
(B) Homogeneous product
(C) Price discrimination
(D) Product differentiation
105. According to Marginal Productivity theory of Distribution
(A) the price of a commodity is determined by the marginal productivity of a factor
(B) the productivity of a factor is determined by its price
(C) the price of all the factors of production is determined on the basis of their marginal productivity
(D) the marginal productivity of a factor determines the profit of the producer
106. Insider Trading is related to
(A) Share market
(B) Horse racing
(C) Taxation
(D) Market for public goods
107. Due to an increase in excise duty on the production of computers
(A) the price of computers will decrease
(B) the price of computers will increase
(C) the demand of computers will increase
(D) the supply of computers will increase
108. Which committee was constituted for reforms in Tax structure ?
(A) Narasimham Committee
(B) Chelliah Committee
(C) Gadgil Committee
(D) Y.V. Reddy Committee
109. The cause of deflation is
(A) lack of goods and services as compared to money supply
(B) lack of imports as compared to exports
(C) lack of money supply as compared to supply of goods and services
(D) None of these
110. Blue Revolution is related to
(A) Fish production ✓
(B) Milk production
(C) Oil production
(D) Food production
111. Who said "The State exists for individuals, individuals do not exist for the State" ?
(A) C.E.M. Joad
(B) Barker
(C) Laski
(D) Machiavelli
112. 1942 Movement was called as
(A) Civil Disobedience Movement
(B) Khilafat Movement
(C) Quit India Movement
(D) Passive Resistance (Satyagraha) Movement
113. Who wrote the book 'Politics' ?
(A) Bodin (B) Rousseau
(C) Mill (D) Aristotle

114. Interest groups are *not* formed on the basis of a common
- (A) caste
 - (B) ideology
 - (C) profession
 - (D) region
115. Who was appointed to investigate into the assassination of Mrs. Indira Gandhi ?
- (A) Justice Kania
 - (B) Justice M.P. Thakkar
 - (C) Justice Jain
 - (D) Justice Venkataramaiah
116. Machiavelli separated Politics from
- (A) History
 - (B) Economics
 - (C) Sociology
 - (D) Ethics
117. "Each according to ability, each according to need" is the basic tenet of
- (A) Socialism
 - (B) Communism
 - (C) Totalitarianism
 - (D) Anarchism
118. According to Lord Acton, the passion for equality makes vain the hope of
- (A) Rights
 - (B) Duties
 - (C) Liberty
 - (D) Justice
119. Social democracy is
- (A) purely socialist
 - (B) purely capitalist
 - (C) partially liberal and partially socialist
 - (D) partially democratic
120. Whose theory has been called by Macpherson as 'developmental democracy' ?
- (A) James Mill
 - (B) John Stuart Mill
 - (C) Bentham's democracy
 - (D) Locke's democracy
121. The most remarkable feature of the town planning of the Indus Civilization was the
- (A) Road system
 - (B) Drainage system
 - (C) Public sanitary system
 - (D) Street lamp system
122. Who among the following wrote his autobiography ?
- (A) Humayun
 - (B) Akbar
 - (C) Babar
 - (D) Aurangzeb
123. Muhammad Gawan built a famous Madrasa at
- (A) Bidar
 - (B) Bijapur
 - (C) Golconda
 - (D) Ahmadnagar
124. Shaikh Ismail and Shaikh Usman were famous
- (A) Sufi Saints
 - (B) Musicians
 - (C) Painters
 - (D) Poets
125. Which was the seat of Pallava power ?
- (A) Badami
 - (B) Mahabalipuram
 - (C) Kanchipuram
 - (D) Tanjore
126. Why did Aurangzeb become unpopular ?
- (A) He was not religiously tolerant
 - (B) He was not a good administrator
 - (C) He was not a scholar
 - (D) He was not extravagant
127. Which dynasty did *not* patronise Jainism ?
- (A) Gangas
 - (B) Rashtrakutas
 - (C) Kadambas
 - (D) Cholas

128. The beneficiaries of land grant in medieval South India were
- (A) Brahmans
 - (B) Temples
 - (C) Soldiers and officials
 - (D) Brahmans and temples
129. According to Bal Gangadhar Tilak, the Aryans originated from
- (A) Kashmir
 - (B) Central Asia
 - (C) Arctic region
 - (D) Tibet
130. Which one of the following looked after the military department under the Mughals ?
- (A) Mir-i-Saman
 - (B) Sadr-us-Sadar
 - (C) Mir-i-Bakshi
 - (D) Diwan-i-Ala
131. The drainage pattern in areas of river capture is
- (A) Annular
 - (B) Rectangular
 - (C) Barbed
 - (D) Trellis
132. The ideal conditions for the formation of dew are
- (A) clear sky, little or no wind, high relative humidity and cold long nights
 - (B) cloudy sky, little wind, low humidity and warm short nights
 - (C) clear sky, violently blowing wind, low humidity and cold long nights
 - (D) cloudy sky, no wind, high relative humidity and cold short nights
133. Which of the following abiotic resources is renewable ?
- (A) Coal
 - (B) Petroleum
 - (C) Natural Gas
 - (D) Manganese
134. The role of water vapour in the atmosphere is to
- (A) absorb ultra-violet rays
 - (B) absorb infra-red rays
 - (C) reflect radio waves back to the Earth
 - (D) bring about weather changes and other atmospheric processes
135. The inclination of Earth on its axis is at
- (A) 5°
 - (B) $23\frac{1}{2}^\circ$
 - (C) $26\frac{1}{2}^\circ$
 - (D) 66°
136. Food gathering, hunting and fishing are occupations associated with
- (A) Aborigines of Australia
 - (B) Semangs of Malaysia
 - (C) Masai of E. Africa
 - (D) Pygmies of Congo
137. Transported soil is very fertile because
- (A) it is derived from different kinds of rocks
 - (B) it has varied texture
 - (C) it has sufficient moisture
 - (D) it is very fine
138. The term "Orogeny" refers to
- (A) Volcanic activity
 - (B) Formation of oceans
 - (C) Mountain-building
 - (D) Igneous intrusions
139. Black soil is mainly derived from the weathering of
- (A) Granites
 - (B) Basalts
 - (C) Limestones
 - (D) Sandstones

140. Which one of the oceanic currents is related to the "El Nino effect" ?
- (A) Humboldt current
 - (B) Gulf Stream current
 - (C) Peru current
 - (D) Canary current
141. Oology involves study of eggs with special reference to
- (A) Insects
 - (B) Birds
 - (C) Reptiles
 - (D) Toads
142. Fungi and insects have one of the following as a common factor :
- (A) Chitin
 - (B) Cuticular covering
 - (C) Water absorbing system
 - (D) Reproductive system
143. Which one parasite does *not* have a digestive system ?
- (A) Liver fluke
 - (B) Tapeworm
 - (C) Roundworm
 - (D) Guinea worm
144. Capsid is
- (A) Genetic material of virus
 - (B) Protein cover of virus
 - (C) Extra-genetic material of bacterium
 - (D) Housekeeping genome of bacterium
145. The total number of nerve cells in human body is
- (A) 10 billion
 - (B) 5 billion
 - (C) 3 billion
 - (D) 1 billion
146. In animal cells, chromosomes are found in
- (A) Cytoplasm
 - (B) Cytosol
 - (C) Nucleus
 - (D) Golgi complex
147. After vaccination the body builds up
- (A) Toxins
 - (B) Lymph
 - (C) Antibodies
 - (D) Plasma
148. Widal test is used for susceptibility of
- (A) Malaria
 - (B) Cholera
 - (C) Yellow fever
 - (D) Typhoid
149. One should not connect a number of electrical appliances to the same power socket because
- (A) this can damage the appliances due to overloading
 - (B) this can damage the domestic wiring due to overloading
 - (C) this can damage the electrical meter
 - (D) the appliances will not get full voltage
150. Which of the following is the best nuclear fuel for the nuclear reactor ?
- (A) Uranium - 236
 - (B) Thorium - 236
 - (C) Plutonium - 239
 - (D) Neptunium - 239
151. Which of the following radiations forms a part of electromagnetic spectrum ?
- (A) Alpha rays
 - (B) Beta rays
 - (C) Cathode rays
 - (D) Gamma rays
152. Radar is used for
- (A) locating submerged marine vessels
 - (B) receiving a signal in a radio receiver
 - (C) locating geostationary satellites
 - (D) detecting and locating position of objects

153. A photoelectric cell transforms light energy into
- (A) electric energy
 - (B) heat energy
 - (C) magnetic energy
 - (D) chemical energy
154. Valence electrons are
- (A) in the closest orbit to the nucleus
 - (B) in the most distant orbit from the nucleus
 - (C) in various orbits around the nucleus
 - (D) not associated with a particular atom
155. The key used to uniquely identify a record in database, is
- (A) Primary key
 - (B) Secondary key
 - (C) Foreign key
 - (D) Key
156. Who developed 'Turbo-C' version ?
- (A) Symantec
 - (B) Borland Corporation
 - (C) IBM
 - (D) Sun Microsystems
157. Which of the following is *not* a LAN topology ?
- (A) Ring
 - (B) Star
 - (C) Hub
 - (D) Bus
158. Which gas is evolved during fermentation ?
- (A) Oxygen
 - (B) Hydrogen
 - (C) Carbon dioxide
 - (D) Carbon monoxide
159. Which of the following metals forms an amalgam with other metals ?
- (A) Lead
 - (B) Tin
 - (C) Zinc
 - (D) Mercury
160. A vitamin, the absence of which leads to sterility in both males and females, is
- (A) Vitamin K
 - (B) Vitamin C
 - (C) Vitamin D
 - (D) Vitamin E
161. Glass reacts with
- (A) HF
 - (B) H_2SO_4
 - (C) HNO_3
 - (D) $K_2Cr_2O_7$
162. Which mineral was used in isolation of radium ?
- (A) Limestone
 - (B) Pitchblende
 - (C) Rutile
 - (D) Haematite
163. Colloids can be purified by
- (A) Peptization
 - (B) Dialysis
 - (C) Coagulation
 - (D) Bredig's arc method
164. Which ecosystem is most suitable for the production of tussar silkworm ?
- (A) Agro ecosystem
 - (B) Forestry ecosystem
 - (C) Mulberry ecosystem
 - (D) None of the above

165. Find the **incorrect** match from the following :
- (A) Chipko Movement – Vijay Bahuguna
 - (B) Anand Van – Baba Amte
 - (C) Save Narmada Movement – Medha Patkar
 - (D) Appiko Movement – P. Hegde
166. Which of the following is almost absent in the Compressed Natural Gas (C.N.G.) ?
- (A) Ethane
 - (B) Butane
 - (C) Carbon dioxide
 - (D) Methane
167. Starvation potential is very high in case of
- (A) Vulture
 - (B) Lion
 - (C) Spider
 - (D) Bat
168. Mexican beetle, *Zygomma bicolorata* is known to defoliate
- (A) Water hyacinth
 - (B) Sudan grass
 - (C) Gaajar ghaas (Carrot grass)
 - (D) Cotton plants
169. The particulate matter (PM) suspended in the air normally harms our health, if PM size is between
- (A) 0.1 – 2.5
 - (B) 5.0 – 7.0
 - (C) 9.5 – 10.0
 - (D) 10.1 – 20.0
170. Ecosystem of Meghna and Padma rivers of Bangladesh is most suitable for the abundance and harvesting of
- (A) Prawn fish
 - (B) Hilsa fish
 - (C) Katla fish
 - (D) Rohu fish
171. The “National Heritage Animal” of India is
- (A) Elephant
 - (B) Tiger
 - (C) Lion
 - (D) River Dolphin
172. Which of the following languages got extinct from the Andaman and Nicobar Islands ?
- (A) Jarawa
 - (B) Orge
 - (C) Khora
 - (D) None of the above
173. The Lhonak Glacier, a ticking bomb, is located in
- (A) Tibet
 - (B) Sikkim
 - (C) Nepal
 - (D) Arunachal Pradesh
174. Which one of the following European powers established trading posts in India during the 16th century ?
- (A) Portugal
 - (B) France
 - (C) United Kingdom
 - (D) All of the above
175. The most prosperous and lively State of India is
- (A) Haryana
 - (B) Meghalaya
 - (C) Goa
 - (D) Sikkim
176. Who is the Attorney General of India ?
- (A) Ashwani Kumar
 - (B) Goolam E. Vahanvati
 - (C) Shatrughan Singh
 - (D) A.K. Bhalla

177. GATT related to World trade is
- (A) Governmental Agreement on Trade and Tariff
 - (B) General Agreement on Trade and Tariff
 - (C) Genesis of Agricultural Trade and Tariff
 - (D) General Agreement on Trade and Tourism
178. Who among the following is *not* a cartoonist ?
- (A) Sudhir Dar
 - (B) Laxman
 - (C) Kutty
 - (D) Ravi Shankar
179. A historical Hindi novel "Na Bhooto Na Bhavishyati" was written by
- (A) Narendra Kohli
 - (B) Sachidanand Kohli
 - (C) Munshi Premchand
 - (D) Ela Bhatt
180. "The Voice of Life" produced by Vigyan Prasar was selected and screened in the Rashtriya Vigyan Chalchitra Mela and Competition, 2013. The film was awarded the
- (A) Golden Beaver Award
 - (B) Silver Beaver Award
 - (C) Bronze Beaver Award
 - (D) Phalke Award
181. The political party which leads the State of Uttar Pradesh presently is
- (A) BJP
 - (B) BSP
 - (C) SP
 - (D) Congress
182. Nawab Siraj-ud-Daulah was associated with
- (A) Battle of Panipat
 - (B) Battle of Plassey
 - (C) Battle of Haldighati
 - (D) Battle of Kalinga
183. National Philatelic Museum is located in Dak Bhavan at
- (A) New Delhi
 - (B) Mumbai
 - (C) Kolkata
 - (D) Bengaluru
184. "Traitor's Gate" is located in
- (A) Ahmedabad
 - (B) Murshidabad
 - (C) Allahabad
 - (D) Hyderabad
185. The vermicompost is produced by
- (A) Earthworm
 - (B) Silkworm
 - (C) Bacteria
 - (D) Fungi
186. The global estimates indicate the presence of lesser people practising
- (A) Islam
 - (B) Christianity
 - (C) Hinduism
 - (D) Buddhism
187. The "Earth Day" is celebrated on
- (A) 22nd April
 - (B) 21st April
 - (C) 14th April
 - (D) 7th April
188. FAO headquarters is in
- (A) Rome
 - (B) Sydney
 - (C) New York
 - (D) Ottawa
189. A solid rock exposed to the action of the wind, rain and frost, and broken up into smaller particles gives rise to the formation of sand which contains mainly
- (A) Topaz
 - (B) Tourmaline
 - (C) Mica
 - (D) Quartz

190. Indoor pollution as per TERI report, due to burning of solid fuels in India affects rural infants (under-five years) to the tune of
- (A) 5.15%
 - (B) 10.25%
 - (C) 20.05%
 - (D) 27.5%
191. The "Kelkar Committee" was formed to recommend the guidelines related to
- (A) Direct and indirect taxes
 - (B) Cross-border terrorism
 - (C) Educational reforms
 - (D) Financial reforms
192. Human hair is made up of
- (A) Protein
 - (B) Protein and DNA
 - (C) Protein and RNA
 - (D) DNA and RNA
193. One who officially gives expert legal advice to the Government of India is
- (A) The Attorney General
 - (B) The Auditor General
 - (C) The Chief Justice of India
 - (D) Public Service Commission
194. Which city was the first city in India to get electricity ?
- (A) Mumbai
 - (B) Delhi
 - (C) Kolkata
 - (D) Bengaluru
195. Who heads the National Planning Commission of India ?
- (A) The President
 - (B) The Prime Minister
 - (C) The Finance Minister
 - (D) The Planning Minister
196. Which is the oldest and richest language of South India ?
- (A) Telugu
 - (B) Sanskrit
 - (C) Tamil
 - (D) Kannada
197. Which of the following Finance Ministers presented the Budget of 1991 ?
- (A) Yashwant Sinha
 - (B) Pranab Mukherjee
 - (C) P. Chidambaram
 - (D) Manmohan Singh
198. Which day is celebrated as International Day Against Drug Abuse and Illicit Trafficking ?
- (A) 31st May
 - (B) 4th June
 - (C) 5th June
 - (D) 26th June
199. The 'Watergate Scandal' is associated with
- (A) the bugging of the Watergate Apartments in the U.S.A. during President Nixon's tenure.
 - (B) the pollution of river waters in U.S.A.
 - (C) nuclear contamination of river water in U.S.A.
 - (D) corruption related to the construction of dams
200. Hong Kong today, is part of
- (A) United Kingdom
 - (B) China
 - (C) Taiwan
 - (D) Japan