Test Form No./ टेस्ट फार्म संख्या
4409926

Time Allowed : 2 Hours (For V.H. and Cerebral Palsy Candidates : 2 hrs .40 min .)
Maximum Marks : 200 निर्धारित समय : 2 घंटे (दृष्टिबाधित एवं सैरीब्रल पाल्सी 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 अंग्रेजो तथा हिन्दी दोनों में दिये गये हैं।

## INSTRUCTIONS TO CANDIDATES

1. This Booklet contains 200 questions in all comprising the following four Parts:
$\begin{array}{l:ll}\text { Part I : General Intelligence } & \text { (50 Questions) } \\ \text { Part II } & \text { English Language } & \text { (50 Questions) } \\ \text { Part III } & \text { : Quantitative Aptitude } & \text { (50 Questions) }\end{array}$
Part IV : General Awareness
(50 Questions)
2. In questions set bilingually in English and Hindi. in case of discrepancy. the English version will prevail.
3. All questions are compulsory and carry equal marks.
4. The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.
5. Before you start to answer the questions you must check up this Booklet and ensure that it contains all the pages (1-32) and see that no page is missing or repeated. If you find any defect in this Booklet, you must get it replaced immediately.
6. You will be supplied the Answer Sheet separately by the Invigitator. You must complete and code the details of Name, Roll Number, Ticket Number and Test Form Number in 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 Shect will not be evaluated and you will be awarded 'ZERO' mark. (V.H./Cerebral Palsy candidates will have to ensure that these details will be filled in by the seribe. However, all V.H./Cerebral Palsy candidates must put their left-hand thumb impression at the space provided in the Answer Sheet. Those V.H./Cerebral Palsy candidates who can sign should also put their signatures in addition to thumb impression.)
7. Answers must be shown by completely blackening the corresponding ovals on Side-II of the Answer Sheet against the relevant question number by Black/Blue Ball-point Pen only. Answers which are not shown by Black/Blue Ball-point Pen will not be awarded any mark.
8. 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.
9. The Answer Sheet must be handed over to the Invigilator before you, leave the Examination-Hall.
10. Failure to comply with any of the above instructions will render a candidate liable to such action/penalty as may be deemed fit.
1t. The manner in which the different questions are to be answered has been explained at the back of this Booklet (Page No. 32). which you should read carefully before actually answering the questions.
11. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do' not spend too much time on any question.
12. In lieu of Question Nos. 44 to 50 and 142 to 150 relating to figural portions, alternate questions have been provided to be attempted by V.H. and Cerebral Palsy candidates only.
13. No rough work is to be done on the Answer Sheet. Space for rough work has been povided below the questions in Part I and Part III of this Booklet.
14. "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

1. इस पुस्तिका में कुल 200 प्रशन हैं, जिनमें निम्नलिखित चार माग भामित है : माग । सामान्य बुद्धिमत्ता (50 प्रश्न) माग II : अंग्रेत्रो याषा ( 50 प्रश्न) नाग III : संख्यात्मक अभिखि $\quad$ (50 प्रशन) भाग IV : सामाल्व जानकारी (50 प्ररन)
2. अंग्रेरी और हिन्दी माषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्यिति में अंग्रेजी शिक्रण मान्य होगा।
3. समी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं।
4. प्रश्न पत्र में नकारालक अंकन होगा। हर गलत उत्तर के तिए 0.25 अंक काटा जएगा।
5. प्रश्नों के उत्तर देने हे पहले आय इस पुस्तिका की ांच्ष करके देख तें कि इसमें पूरे पृष्ठ (1-32) है तबा कोई पृह कम या दुलारा तो तर्ही आ गया है। यदि आय इस पुस्तिका में कोई नुटि चायें, तो तरकाल इसके बदले दूसरी पुस्तिका ले सें
6. निरीक्षक द्वारा आपको उत्तर-पन्रिका अलग से दी जाएयी। उत्तर-पश्रिका में नियमावली के अनुत्कार ध्यानपर्कंक अपना नाम, रोस तम्बर, टिकट नक्बर और टेस्ट फार्म संख्या अवश्य लिखे। प्रश्नों के उतर वास्तब में शुुु करने से पहले उत्तर-परिका पर निर्यरित स्यान में आप अपने हस्ताक्षर एवं बाएं हाय के अंगूटे का निशान मी अवर्य तगाएं। उपर्युक्त अनुदेर्शों का पूरी तरह अनुपानन किया जाए, अन्यथा आपकी उतरपार्का को गांबा नहीं गयेगो और 'शून्य' अंक दिया जाएगा । (टृटिबाधित/ सेरीज्रूस षास्सी उम्मीवबार सुनिरिचत करें कि यह विवशण लिपिक ढ्वारा मरा जाएगा। षरम्तु समी दृहियाधित/सेरोक्रत पास्ती उम्मीदवार उत्तर-पत्रिका में निर्धारित स्यान पर अवने बएए हाय के अंगूठे का निशान अवर्य लगाएं। जो टुटिबाधित/सेरीक्रल पास्सी उम्मीववार हस्ताक्षर कर सकते है, वे अंगूठे के निशान के अलाषा अपने हस्ताकर भी कर है ।)
7. उतर-पत्रिका में समी उत्र Side-11 में प्ररन संख्या के सामने दिये गये सम्बन्धित अण्ड़ाकार खानों को केवल काले/नीले बांल-पोंद़ंट पेन से पूरी तरह काना करके दिखाए। ो अो अण्डाकार खाने काले/नीले जाँल-पांदृं पेन से नहीं मरे जाएे, उनके लिए कोई अंक नहीं दिया जएगा ।
8. ओ. एम, आर. उत्तर-पत्रिका में भरी गई वृर सूलना को एक मशीन पद्ढेगी। यदि सूतना अपूर्ज है अ्रयत्रा आवेदन प्रपत्र में दी गई सूचना से मिन्न है, तो ऐसे अभ्पयाँ को "शून्य" अंक द्विया जाएगा।
9. परीक्षा-भवन छोडने से पहले परीकायां को उत्तर-पनिका निरीक्षक के हवाले कर देनी चाहिए ।
10. ऊपर के अनुदेशों में से किसी एक का मी पालन त्र करने षर उम्मीटबार पर बिवेकानुतार कार्यवाही की जा सुकती है या दण्ड दिया जा सकता है।
11. विमिन्न प्रशरों के उत्तर देने की विधि दस पुस्तिका के पीछे (पृष्ट संख्या 32) में उपे हुए निर्देशों में दे दी गई है, इसे आप प्रश्यों के उत्तर देने से पहले ध्यानपूर्वक पद सें ।
12. प्रश्नों के उत्तर जितनो जल्दी हो सके तथा ध्यानपूर्वक दें। कुछ प्रश्न आखान तया कुछ्ड कठिन हैं। किसी एक प्रर्न पर बहुत अधिक समय न लवाएं।
13. आकुति से सम्बन्धित प्रश्न संख्या 44 सें 50 एवं 142 से 150 के बदले में केलन दृष्टिवाधित और सेरिब्रल पाल्सी उम्मीदवारों द्वारा हल किए जाने के लिए ैैकस्पिक प्रश्न दिए गए हैं।
14. कोई रफ कार्य उत्तर-पत्रिका पर नहीं करना है। एक कार्य के लिए स्वाल भाग I और माग III में प्रश्नों के निधे दिया गया है।
15. "परोक्षा हालों/कमरों में मोबादूल कोन तथा बेतार संबार साधन पूरी तरह निषिद्ध हैं। उम्मीदवारों को उनके अपने हित में सताह दी आती है कि मोबाइल कोन/किसी अम्प क्षेतार संखार साधन को स्विच्च आ्रांक करके मी अपने पास न रतें। इस प्रावधान का अनुपालन न करने पर परीक्षा में अर्नुचित उपायों का प्रयोग मानां जाएया और उनके विस्द कारवाई की जएगी, उनकी अस्वर्थिता रद्ध कर देने सहित ।"

## PART - I : GENERAL INTELLIGENCE

Directions : In question nos. 1 to 3, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

1. $00 p q 0 p$ _q $q 00$ _qo__oqo__pq
(A) poop
(B) popo
(C) opop
(D) oppo
2. a_bbaa_baa_ba
(A) aab
(B) bab
(C) bba
(D) $\mathbf{b b b}$
3. $\qquad$ babbba $\qquad$
(A) ababb
(B) baaab
(C) bbaba
(D) babbb
4. Karan has a brother Prem and a sister Neesha. Karan's wife is Naj and has a daughter Naksha. Naksha got married with Neesha's son Akbar and has a baby girl Riya. What is relation between Naksha and Neesha?
(A) Niece and Aunt
(B) Sisters
(C) Mother and daughter
(D) Mother and granddaughter
5. Ali had $₹ 320$. He spent $\frac{3}{4}$ of it-to buy a watch. Of the remainder, he used $\frac{1}{8}$ of it to buy a pen. How much money had he left?
(A) 120
(B) 100
(C) 90
(D) 70

Directions: In question nos. 6 to 14, select the related word/letters/number from the given alternatives.
6. VACATION : HOLIDAY :: VOCATION : ?
(A) Career
(B) Degree
(C) Pleasure
(D) Money
7. Perch : Freshwater :: ? : Saltwater
(A) Crocodile
(B) Frog
(C) Cod
(D) Snake
8. Eyes : Tears :: ? : ?
(A) Heart : Artery
(B) Sea: Water
(C) Volcano: Lava
(D) Hunger : Bread
9. FE : HG :: ML : ?
(A) PO
(B) QP
(C) ON
(D) JI
10. SNAKE : VQDNH :: CRADLE : ?
(A) EVFGOF
(B) FUDGOH
(C) EUDGOH
(D) FVDGPH
11. $\sqrt{\mathrm{AFI}}: 13:: \sqrt{\mathrm{DDA}}:$ ?
(A) 21
(B) 22
(C) 12
(D) 24
12. $32: 28:: 160:$ ?
(A) 120
(B) 110
(C) 140
(D) 80
13. 196 : 256 :: ? : 400
(A) 452
(B) 324
(C) 144
(D) 204
14. $414: 636:: 325:$ ?
(A) 547
(B) 636
(C) 414
(D) 222
15. If ARMS equal 1234 then MARS will equal to
(A) 3124
(B) 4321
(C) 1243
(D) 4213
16. If 'Stress' is coded as 'Rtress' then 'Pulse' will be coded as
(A) Fulse
(B) Oulse
(C) Qulse
(D) Rulse
17. Insert the arithmetical operations in the following numerical figure $4 \ldots 3 \_4=48$.
(A) ++
(B) +-
(C) $\times+$
(D) $\times \times$
18. If + stands for division; $\times$ stands for addition; - 'stands for multiplication; + stands for subtraction; which of the following is correct?
a. $25 \times 3-7 \div 8+12=18$
b. $25+3 \times 7-8 \div 12=10.89$
c. $25-3 \div 7 \times 8+12=132$
d. $25 \div 3 \times 7-8+12=19 \cdot 3$
(A) b
(B) c
(C) a
(D) d

Directions: In question nos. 19 and 20, from the given alternative words, select the word which cannot be formed using the letters of the given word.
19. CaLculate
(A) CAT
(B) LATE
(C) TEA
(D) TEAM
20. CORRESPONDENCE
(A) RESPOND
(B) CONDENSE
(C) RESPONDENT
(D) CORRESPOND
21. If Sita walks 10 km towards West, then turned towards South and walked 10 km , then turned East walked 10 km and turned North walked 10 km . How far she is from starting point?
(A) 40 km
(B) 10 km
(C) 0 km
(D) 20 km
22. Laxmi went 10 km to the west from my house, then turned left and walked 20 km . She then turned East and walked 25 km and finally turning left covered 20 km . How far was she from my house?
(A) 5 km
(B) 10 km
(C) 15 km
(D) 40 km
23. In the question two statements are given. You have to answer considering the statements to be true, even if they seem to be at variance from commonly known facts.
Statement : 1. All squares are rectangles.
2. All rectangles are polygons.

Conclusions :
(A) Square is not a polygon
(B) Square is not a rectangle
(C) Square is a rectangle and polygon
(D) Square is a polygon
24. In the question two statements are given each followed by two conclusions/assumptions, I and II. 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/assumptions, if any, follows from the given statements.
Statement : Some clerks are poor.
A is poor.
Conclusion : I. A is clerk.

## II. A has a large family,

(A) I is follow
(B) II is follow
(C) Both I, II are follow
(D) Neither I nor II follow

Directions: In question nos. 25 to 28, select the missing number from the given responses.
25.

(A) 4
(B) 16
(C) 32
(D) 2
26.



(A) 4
(B) 7
(C) 11
(D) 10
27.

(A) 24
(B) 34
(C) 54
(D) 78
$\begin{array}{lllll}\text { 28. } & 5 & 6 & 7 & 8\end{array}$
10182140
$7 \quad 9 \quad 10$ ?
(A) 15
(B) 20
(C) 13
(D) 11
29. Arrange the following words as per the reverse order in a dictionary.

1. Multitude
2. Multinational
3. Multiplier
4. Multinomial
5. Multilingual
(A) $1,3,2,4,5$
(B) $1,3,4,2,5$
(C) $4,5,3,2,1$
(D) $5,4,3,2,1$
6. Arrange the following words as per order in the dictionary.
7. Silt
8. Silicon
9. Silicate
10. Silken
(A) $1,4,3,2$
(B) $2,1,4,3$
(C) $4,1,3,2$
(D) $3,2,4,1$
11. Which one of the given responses would be a meaningful order of the following in ascending order?
12. Atom
13. Matter
14. Molecule
15. Electron
(A) $3,4,1,2$
(B) $3,1,4,2$.
(C) 1, 2, 3, 4
(D) $4,1,3,2$

Directions: In question nos. 32 to 34, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
32. $127,131,139, ?, 151,157,163,167$
(A) 141
(B) 149
(C) 147 (D)
143
33. 361, ?, $169,121,49,25$
(A) 289
(B) 256
(C) 196
(D) 324
34. $1,1,2,3,5, ?, 13,21$
(A) 7
(B) 8
(C) 9
(D) 6

Directions: In question nos. 35 to 43 , find the odd word/number/letters/number pair from the given alternatives.
35. (A) Foible
(B) Caprice
(C) Whim
(D) Quirk
36. (A) YXWV
(B) FUEV
(C) VUXW
(D) QPSR
37.
(A) Plump
(B) Fathom
(C) Thick
(D) Solid
38. (A) aacdff
(B) ggijkk
(C) mmopqq
(D) qqstuu
39. (A) HGFE
(B) IJKL
(C) PONM
(D) DCBA
40.
(A) RQP
(B) NPR
(C) DCB
(D) HGF
41. (A) 6514
(B) 3463
(C) 5725
(D) 8948
42. (A) 751
(B) 734
(C) 853
(D) 532
43. (A) 6
(B) 12
(C) 15
(D) 17
44. Six faces of the dice are $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D}, \mathrm{E}$ and F. A is adjacent to B. B is adjacent to D but not C. E is adjacent to D and F. What is the side opposite to A ?
(A) C
(B) E
(C) D
(D) $\mathbf{F}$
45. Identify the diagram that best represents the relationship among classes given below :
Social science, History and Geography
(A)

(B)

(C)

(D)

46. Which answer figure will complete the pattern in 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)
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., 'M' can be represented by 01,10 etc., and ' $R$ ' can be represented by 58,85 etc. Similarly, you have to identify the set for the word 'NOW'.

## Matrix I

|  | 0 | I | 2 | $\mathbf{3}$ | 4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | I | M | W | S | Q |
| I | M | W | S | Q | I |
| 2 | W | S | Q | I | M |
| $\mathbf{3}$ | S | Q | I | M | W |
| $\mathbf{4}$ | Q | I | M | W | S |

Matrix II

|  | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5 | 0 | A | D | R | N |
| 6 | A | D | R | N | O |
| 7 | D | R | N | O | A |
| 8 | R | N | O | A | D |
| 9 | N | O | A | D | R |

(A) $55,78,11$
(B) $86,58,11$
(C) $95,55,34$
(D) $95,67,02$

## For Visually Handicapped/Cerebral Palsy Candidates Only

44. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
bc_b_c_b_ccb
(A) cbcb
(B) bbcb
(C) cbbc
(D) bcbc

Directions: In question nos. 45 and 46, select the missing number from the given responses.
45. $0,1,1,2,3,5,8,13$ ?
(A) 20
(B) 16
(C) 21
(D) 121
46. 2847
? 66
2446
(A) 52
(B) 10
(C) 4
(D) 36
47. If $4 * 3=3 ; 8 * 7=14$ then $9 * 4=$ ?
(A) 9
(B) 8
(C) 12
(D) 16

Directions: In question nos. 48 and 49, select the related word/number from the given alternatives.
48. Metabolism : Growth :: Vandalism : ?
(A) Movement
(B) Static
(C) Progress
(D) Destruction
49. $64: 5:: 81:$ ?
(A) 9
(B) 8
(C) 7
(D) 6
50. In certain language CHART is coded as 57394, RACE as 9352, then how can CHARACTER be coded?
(A) 573953429
(B) 573935429
(C) 537953429
(D) 537953492

## PART - II : ENGLISH LANGUAGE

Directions: In question nos. 51 to 54 , choose the word opposite in meaning to the given word and mark it in the Answer Sheet.
51. Defile
(A) describe
(B) repair
(C) purify
(D) yield
52. Desist
(A) hope
(B) continue
(C) request
(D) assign
53. Sterile
(A) barren
(B) fertile
(C) infertile
(D) dense
54. Prudent
(A) foolish
(B) miserly
(C) careless
(D) strange

Directions : In question nos. 55 to 58 , 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.
55. A handsome man
(A) adonis
(B) tycoon
(C) cavalier
(D) debonair
56. Intentional damage to arrest production
(A) sangfroid
(B) modus operandi
(C) nemesis
(D) sabotage
57. Introductory part or lines to a discourse or play
(A) epilogue
(B) prologue
(C) monologue
(D) blurb
58. A cinema show held in the aftemoon
(A) premiere
(B) play
(C) matinee
(D) entertainment

Directions : In question nos. 59 to 62 , the 1st and the last part of the sentence/passage are numbered 1 and 6. The rest of the sentence/passage is split into four parts and named $P, Q, R$ and $S$. These four parts are not given in their proper order. Read the sentence/Passage and find out which of the four combinations is correct. Then find the correct answer and indicate it by blackening the appropriate oval [ - ] in the Answer Sheet.
59. 1. Glorious tributes were paid
P. who, after fighting a battle with cancer,
Q. the original superstar of Bollywood
R. passed away last month
S. to the legendary Rajesh Khanna,
6. at his residence in Mumbai.
(A) QSPR
(B) SRPQ
(C) SQRP
(D) SQPR
60. 1. What gives some persons
P. torturing physical pain
Q. after experiencing
R. after the loss of a precious loved one
S. the power to fight on
6. day after day?
(A) PQRS
(B) PSQR
(C) SRQP
(D) PQSR
61. 1. A volcano is an opening or rupture in a planet's surface.
P. Erupting volcanoes can pose many hazards.
Q. This opening allows magma, ash and gases to escape from below the surface.
R. Volcanic ash can be a threat to aircraft
S. Volcanoes are generally found where tectonic plates are diverging or converging.
6. Historically, so-called volcanic winters have caused catastrophic famines.
(A) SPQR
(B) RSPQ
(C) QSPR
(D) SQRP
62. 1. Though the government
P. the growth of population
Q. has undertaken a series of plans
R. and for raising the standard of living of the people
S. for economic development
6. has upset all the plans.
(A) SPQR
(B) QSRP
(C) SRPQ
(D) QPRS

Directions: In question nos. 63 to 66, 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.
63. When the workers threatened to
go on a strike, the mill owner
(B)
declared a lay off on his mill.
(C)
(D)
64. $\frac{\text { Whoever assumes }}{(A)} \frac{\text { his statement true }}{\text { (B) }}$
$\frac{\text { is foolish. }}{\text { (C) }} \frac{\text { No error. }}{\text { (D) }}$
65. The people gathered $\frac{\text { at the funeral }}{\text { (B) }}$
$\frac{\text { to pay respect. }}{\text { (C) }} \frac{\text { No error. }}{\text { (D) }}$
66.

nutrient disorder to prevent.
(C)
No error.
(D)

Directions: In question nos. 67 and 68, a sentence has been given in Active/Passive Voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active Voice and mark your answer in the Answer Sheet.
67. I cannot trust him any more.
(A) He could not be trusted by me any more
(B) He may not be trusted by me any more
(C) He cannot be trusted by me any more
(D) He cannot trust by me any more
68. Take the medicine.
(A) The medicine is to be taken by you
(B) Let the medicine be taken
(C) You are requested to take the medicine
(D) The medicine must take you

Directions: In question nos. 69 and 70, a sentence has been given in Direct/Indirect. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct and mark your answer in the Answer Sheet.
69. The peon said to his officer, "Please forgive me".
(A) The peon said to his officer that he should forgive him.
(B) The peon told his officer please forgive him
(C) The peon requested his officer to forgive him.
(D) The peon requested his officer that he forgave him.
70. My brother told me that he would buy me a notepad the next day.
(A) My brother said to me, "I will be buying you a notepad tomorrow".
(B) My brother said to me, "I shall buy you a notepad tomorrow".
(C) My brother said to me, "I would buy you a notepad tomorrow".
(D) My brother "I am going to buy you a notepad tomorrow".

Directions: In question nos. 71 to 74, 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.
71. (A) puritannical
(B) purritanical
(C) purritaniccal
(D) puritanical
72. (A) plagearist
(B) plagiarist
(C) plegiarist
(D) plagraist
73. (A) ingeneous
(B) ingenius
(C) ingenious
(D) ingenous
$\begin{array}{ll}\text { 74. (A) acomodation } & \text { (B) acommodation } \\ \text { (C) accommodation } & \text { (D) accomodation }\end{array}$
Directions : In question nos. 75 to 78, 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 altemative. In case no improvement is needed your answer is (D). Mark your answer in the Answer Sheet.
75. I'm really sorry but I haven't got much money myself.
(A) I'm really sorry but I not have much money myself.
(B) I'm really sorry but I have very few money myself.
(C) I'm really sorry I have lesser money myself.
(D) No improvement
76. He said, 'Let the show begins'.
(A) 'Let the show begin'
(B) 'Let the show to begin'
(C) 'Let's the show begin'
(D) No improvement
77. The museum's collection includes artefacts dated back to prehistoric times.
(A) date back to
(B) dating back to
(C) date backs to
(D) No improvement
78. Both of them are good, but this is the best of the two.
(A) good
(B) better
(C) much better
(D) No improvement

Directions: In question nos. 79 to 82, 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 [ $\odot$ ] in the Answer Sheet.
79. We can $\qquad$ right and wrong.
(A) distinguish by
(B) distinguish from
(C) distinguish between
(D) distinguish for
80. You take a decision. The ball is in $\qquad$ now.
(A) your net
(B) your pocket
(C) your court
(D) your garden
81. He is a man of $\qquad$ simplicity.
(A) child
(B) childish
(C) childless
(D) childlike
82. The cold breath of autumn had $\qquad$ the ivy leaves from the vine and the branches remained almost bare.
(A) strike
(B) striken
(C) strucked
(D) striking

Directions: In question nos. 83 to 86, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.
83. Desultory
(A) frugal
(B) random
(C) diminish
(D) forsake
84. Diligent
(A) industrious
(B) modest
(C) energetic
(D) intelligent
85. Jealous
(A) envious
(B) greedy
(C) lustful
(D) proud
86. Quest
(A) trial
(B) test
(C) search
(D) decision

Directions: In question nos. 87 to 90 , four alternatives are given for the Idiom/Phrase underlined. Choose the alternative which best expresses the meaning of the Idiom/Phrase and mark it in the Answer Sheet.
87. To take after
(A) to resemble
(B) to write down
(C) to cheat
(D) to remove
88. Have a finger in every pie
(A) to be meddlesome
(B) to be quarrelsome
(C) to be greedy
(D) to be efficient
89. The jury is out
(A) the jury has taken a break between hearings
(B) a jury member is absent
(C) no decision has been reached
(D) the entire jury decides to stay out of the proceedings
90. She paid a flying visit to Mumbai to see her ailing father.
(A) went by aeroplane
(B) a very short visit
(C) a very long visit
(D) a surprise visit

Directions: In question nos. 91 to 100, in the following passage some of the words have been left out. Read the passage carefully and choose the correct answer to each question out of the four alternatives and fill in the blanks.

Past 91 us in understanding our present world in a 92 better way. If we know 93 our ancestors lived or 94 the wars were waged, we can understand the today's world 95 and get ideas for a 96 future. What appears to 97 as wrong today could have been right 98 . It is also interesting to know how 99 in the past $\underline{100}$ the life of humans.

| 91. (A) help | (B) helped | (C) helps | (D) is helping |
| :--- | :--- | :--- | :--- |
| 92. (A) much | (B) more | (C) most | (D) just |
| 93. (A) why | (B) how | (C) where | (D) when |
| 94. (A) why | (B) how | (C) when | (D) which |
| 95. (A) well | (B) better | (C) best | (D) betterment |
| 96. (A) fairest | (B) fairer | (C) fair | (D) fairy |
| 97. (A) them | (B) us | (C) him | (D) they |
| 98. (A) earliest | (B) early | (C) earlier | (D) later |
| 99. (A) inventions | (B) inventing | (C) adventures | (D) inventors |
| 100. (A) improves | (B) improved | (C) improve | (D) improvement |

## PART - III : QUANTITATIVE APTITUDE

101. On what sum of money will the difference between simple interest and compound interest for 2 years at $5 \%$ per -annum be equal to ₹ 63 ?
(A) $₹ 25,200$
(B) ₹ 24,800
(C) ₹ 25,500
(D) ₹ 24,600
102. A man buys a TV priced at ₹ 16000 . He pays ₹ 4000 at once and the rest after 15 months on which he is charged a simple interest at the rate of $12 \%$ per year. The total amount he pays for the TV is
(A) ₹ $\mathbf{1 8 , 2 0 0}$
(B) $₹ 17,800$
(C) $₹ 17,200$
(D) $₹ 16,800$
103. A hemisphere and a cone have equal bases. If their heights are also equal, then the ratio of their curved surfaces will be
(A) $\sqrt{2}: 1$
(B) $1: \sqrt{2}$
(C) $2: 1$
(D) $1: 2$
104. The base of a right prism is a trapezium whose lengths of two parallel sides are 10 cm and 6 cm and distance between them is 5 cm . If the height of the prism is 8 cm , its volume is
(A) $300.5 \mathrm{~cm}^{3}$
(B) 310 c.c.
(C) 300 c.c.
(D) 320 c.c.
105. Each side of a cube is decreased by $25 \%$. Find the ratio of the volumes of the original cube and the resulting cube
(A) $8: 1$
(B) $64: 1$
(C) $64: 27$
(D) $27: 64$
106. The radius of a hemispherical bowl is 6 cm . The capacity of the bowl is (Take $\pi=\frac{22}{7}$ )
(A) $495.51 \mathrm{~cm}^{3}$
(B) $345.53 \mathrm{~cm}^{3}$
(C) $.452 \mathrm{~cm}^{3}$
(D) $452.57 \mathrm{~cm}^{3}$
107. $A B$ is the diameter of a circle with centre $O$. $P$ be a point on it. If $\angle P O A=120^{\circ}$ then, $\angle P B O=$
(A) $60^{\circ}$
(B) $45^{\circ}$
(C) $50^{\circ}$
(D) $120^{\circ}$
108. A circle touches the four sides of a quadrilateral $A B C D$. The value of $\left(\frac{A B+C D}{C B+D A}\right)$ is equal to
(A) $\frac{1}{2}$
(B) 1
(C) $\frac{1}{3}$
(D) $\frac{1}{4}$
109. $A B$ and $A C$ are tangents to a circle with centre $O . A$ is the external point of the circle. The line $A O$ intersect the chord $B C$ at $D$. The measure of the $\angle B D O$ is
(A) $75^{\circ}$
(B) $60^{\circ}$
(C) $90^{\circ}$
(D) $45^{\circ}$
110. Let $A B C$ be an equilateral triangle and $A D$ perpendicular to $B C$. Then $A B^{2}+B C^{2}+C A^{2}=$
(A) $2 A D^{2}$
(B) $3 A D^{2}$
(C) $4 A D^{2}$
(D) $5 A D^{2}$
111. The value of $\frac{\left(\tan 20^{\circ}\right)^{2}}{\left(\operatorname{cosec} 70^{\circ}\right)^{2}}+\frac{\left(\cot 20^{\circ}\right)^{2}}{\left(\sec 70^{\circ}\right)^{2}}+$ $2 \tan 15^{\circ} \cdot \tan 45^{\circ} \cdot \tan 75^{\circ}$ is
(A) 3
(B) 4
(C) 2
(D) 1
112. If $A, B, C$ are the angles of a $\triangle A B C$ then $\sin \left(\frac{B+C}{2}\right)$ is equal to
(A) $\sec \frac{B}{2}$
(B) $\sec \frac{A}{2}$
(C) $\operatorname{cosec} \frac{A}{2}$
(D) $\cos \frac{A}{2}$
113. What is the position of the circumcentre of an obtuse-angled triangle?
(A) It lies inside the triangle
(B) It lies outside the triangle
(C) It is the mid-point of the largest side
(D) It is the vertex opposite to the largest side
114. For real $a, b, c$ if $a^{2}+b^{2}+c^{2}=a b+b c+c a$, the value of $\frac{a+c}{b}$ is
(A) 1
(B) 2
(C) 3
(D) 0
115. If $\frac{x}{3}+\frac{3}{x}=1$ then the value of $x^{3}$ is
(A) 0
(B) -27
(C) 27
(D) 1
116. If $p^{3}-q^{3}=(p-q)\left\{(p-q)^{2}-x p q\right\}$, then the value of $x$ is
(A) 1
(B) 3
(C) -3
(D) -1
117. If $x+y=2 a$, then the value of $\frac{a}{x_{-x} a}+\frac{a}{y-a}$ is
(A) -1
(B) 0
(C) 1
(D) 2
118. $9 x^{2}+25-30 x$ can be expressed as the square of
(A) $3 x+5$
(B) $3 x^{2}-25$
(C) $-3 x-5$
(D) $3 x-5$
119. $D$ and $E$ are mid-points of sides $A B$ and $A C$ respectively of the $\triangle A B C$. A line drawn from $A$ meets $B C$ at $H$ and $D E$ at $K . A K: K H=$,
(A) $1: 2$
(B) $1: 1$
(C) $2: 1$
(D) $1: 3$
120. Simon purchased a bicycle for ₹ 6810 . He had paid a VAT of $13 \cdot 5 \%$. The list price of the bicycle was
(A) ₹ $5970 \cdot 50$
(B) ₹ $\mathbf{6 6 9 6} \cdot \mathbf{5 0}$
(C) ₹ 6000
(D) ₹ 6140
121. There is $10 \%$ loss if an article is sold at ₹ 270 . Then the cost price of the article is
(A) ₹ 320
(B) ₹ $\mathbf{3 0 0}$
(C) ₹ 270
(D) ₹ 250
122. An epidemic broke out in a village in which $5 \%$ of the population died. Of the remaining, $20 \%$ fled out of panic. If the present population is 4655 , then the population of the village originally was
(A) 6000
(B) 6125
(C) 5995
(D) 5955
123. $50 \%$ of a number when added to 50 is equal to the number. The number is
(A) 50
(B) 75
(C) 100
(D) 150
124. A student goes to school at the rate of $2 \frac{1}{2} \mathrm{~km} / \mathrm{hr}$ and reaches 6 minutes late. If he travels at the speed of $3 \mathrm{~km} / \mathrm{hr}$ he is 10 minutes early. What is the distance to the school?
(A) 1 km
(B) 4 km
(C) $3 \frac{1}{4} \mathrm{~km}$
(D) $3 \frac{1}{2} \mathrm{~km}$
125. A train passes an electrical pole in 20 seconds and passes a platform 250 m long in 45 seconds. Find the length of the train
(A) 300 m
(B) 200 m
(C) 400 m
(D) 250 m
126. The total discount on $₹ 1860$ due after a certain time at $5 \%$ is ₹ 60 . Find the time after which it is due
(A) 9 months
(B) 10 months
(C) 8 months
(D) 7 months
127. The difference between simple interest and the true discount on ₹ 2400 due 4 years hence at $5 \%$ per annum simple interest is
(A) ₹ 30
(B) ₹ 80
(C) $₹ 50$
(D) ₹ 70
128. In a business $A$ and $C$ invested amounts in the ratio $2: 1$ whereas $A$ and $B$ invested amounts in the ratio $3: 2$. If their annual profit be $₹ 157300$, then $B$ 's share in the profit is
(A) ₹ 24200
(B) $₹ 36300$
(C) $₹ 48000$
(D) $₹ 48400$
129. The ratio of two numbers is $3: 4$ and their L.C.M is 120 . The sum of numbers is
(A) 70
(B) 35
(C) 140
(D) 105
130. The mean high temperature of the first four days of a week is $25^{\circ} \mathrm{C}$ whereas the mean of the last four days is $25.5^{\circ} \mathrm{C}$. If the mean of the whole week is $25.2^{\circ} \mathrm{C}$ then the temperature of the 4th day is
(A) $25^{\circ} \mathrm{C}$
(B) $25.2^{\circ} \mathrm{C}$
(C) $25.5^{\circ} \mathrm{C}$
(D) $25.6^{\circ} \mathrm{C}$
131. A shop of electronic goods is closed on Monday. The average sales per day for remaining six days of a week is ₹ 15640 and the average sale of Tuesday to Saturday is $₹ 14124$. The sales on Sunday is
(A) ₹ 21704
(B) ₹ 23220
(C) ₹ 20188
(D) Data inadequate
132. The greatest four digit number which is exactly divisible by each one of the numbers $12,18,21$ and 28 is
(A) 9828
(B) 9288
(C) 9882
(D) 9928
133. If $\sqrt{33}=5 \cdot 745$, then the value of $\sqrt{\frac{3}{11}}$ is nearly
(A) 0.5223
(B) 6.32
(C) 1
(D) 2.035
134. The difference between the greatest and the least four digit numbers that begins with 3 and ends with 5 is
(A) 990
(B) 900
(C) 999
(D) 909
135. The sum of the perfect squares between 120 and 300 is
(A) 1400
(B) 1296
(C) 1204
(D) 1024
136. The number of pair of positive integers whose sum is 99 and HCF is 9 is
(A) 2
(B) 3
(C) 4
(D) 5
137. $A$ and $B$ can do a piece of work in 15 days. $B$ and $C$ can do the same work in 10 days and $A$ and $C$ can do the same in 12 days. Time taken by $A, B$ and $C$ together to do the job is
(A) 8 days
(B) 9 days
(C) 4 days
(D) 5 days
138. A pipe can fill a tank in 24 hrs. Due to a leakage in the bottom, it is filled in 36 hrs . If the tank is half full, how much time will the leak take to empty the tank?
(A) 24 hrs
(B) 36 hrs
(C) 72 hrs
(D) 48 hrs
139. $T F$ is a tower with $F$ on the ground. The angle of elevation of $T$ from $A$ is $x^{0}$ such that $\tan x^{\circ}=\frac{2}{5}$ and $A F=200 \mathrm{~m}$. The angle of elevation of $T$ from a nearer point $B$ is $y^{\circ}$ with $B F=80 \mathrm{~m}$. The value of $y^{\circ}$ is
(A) $30^{\circ}$
(B) $60^{\circ}$
(C) $45^{\circ}$
(D) $75^{\circ}$
140. The value of $\left(\frac{\sin 47^{\circ}}{\cos 43^{\circ}}\right)^{2}+\left(\frac{\cos 43^{\circ}}{\sin 47^{\circ}}\right)^{2}-4 \cos ^{2} 45^{\circ}$ is
(A) 1
(B) $\frac{1}{2}$
(C) 0
(D) -1
141. If $\sin \theta+\cos \theta=\sqrt{2} \sin \left(90^{\circ}-\theta\right)$ then $\cot \theta$ is equal to
(A) $\sqrt{2}$
(B) $\sqrt{2}-1$
(C) 0
(D) $\sqrt{2}+1$

The pie chart shows how the school funds is spent under different heads in a certain school. Using the pie chart answer the question Nos. 142 to 146.

142. What percentage of the total expense is spent on library?
(A) 20
(B) 16.6
$24 \cdot 3$
(D) 24
143. Which heads have the same amount of expenditure?
(A) Sports and Science
(B) Misc and Library
(C) Library and Science
(D) Science and Misc.
144. Which head has the maximum expenditure?
(A) Art and Craft
(B) Sports
(C) Science
(D) Library
145. Which head uses $25 \%$ of the funds?
(A) Art and Craft
(B) Sports
(C) Library
(D) Misc
146. What is the ratio of expenditure on sports to that on art and craft?
(A) $2: 1$
(B) $1: 1$
(C) $4: 3$
(D) $1: 4$

The following table shows the World production of steel in 1920-1927. Study the table and answer question Nos. 147 to 150.

| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Production <br> (million tons) | $71 \cdot 3$ | 43.51 | 67.66 | $76 \cdot 23$ | 77.23 | 88.93 | 91.75 | $100 \cdot 17$ |


147. The number of years during which the company has its production less than the average production during 1920-1927 is approximately
(A) 6
(B) 4
(C) 3
(D) 2
148. The difference of the production of steel in the year 1923 and 1924 is $x \%$ of 1927. Then the value of $x$ is approximately
(A) 1
(B) $\cdot 01$
(C) $\cdot 1$
(D) 001
149. The ratio of production of steel in the year 1924 and 1925 to that of 1923 and 1927 is
(AA) $2077: 2205$
(B) $2205: 2077$
(C) $2005: 2077$
(D) $2205: 2007$
150. The average production of steel is
(A) 75.13
(B) 76.09
(C) 77.10
(D) 74.07

## For Visually Handicapped/Cerebral Palsy Candidates Only

142. The graph of the linear equation $3 x+4 y=12$ intersects $y$-axis at the point
(A) $(4,0)$
(B) $(0,3)$
(C) $(0,4)$
(D) $(3,0)$
143. The point of the form ( $a,-a$ ) always lies on the line
(A) $x=a$
(B) $y=-a$
(C) $y=x$
(D) $x+y=0$
144. The co-ordinates of the point $P^{\prime}$ is $(-5,8)$; $P N$ is perpendicular to the $x$-axis. The co-ordinates of $N$ is
(A) $(-5,0)$
(B) $(5,0)$
(C) $(8,0)$
(D) $(-8,0)$
145. $\sqrt{0.9} \times \sqrt{1.6}$ is equal to
(A) 0.12
(B) 1.2
(C) 0.75
(D) 12
146. If $x+\sqrt{x^{2}-9}=9$, then the value of $x-\sqrt{x^{2}-9}$ is
(A) 1
(B) 2
(C) 7
(D) 9
147. If $\tan \theta=\frac{15}{8}$ for a positive acute angle $\theta$, the value of $\sin \theta$ is
(A) $\frac{8}{15}$
(B) $\frac{15}{17}$
(C) $\frac{17}{15}$
(D) $\frac{8}{17}$
148. In a triangle, the angles are in the ratio $4: 5: 9$. The circular measure of the smallest angle is
(A) $\frac{\pi}{2}$ radian
(B) $\frac{2 \pi}{9}$ radian
(C) $\frac{5 \pi}{18}$ radian
(D) $\frac{5 \pi}{9}$ radian
149. The volumes of two spheres are in the ratio $64: 27$. The ratio of their surface areas is
(A) $1: 2$
(B) $2: 3$
(C) $9: 16$
(D) $16: 9$
150. The area of an equilateral triangle whose perimeter is 18 cm , is
(A) $9 \sqrt{3}$ sq. cm
(B) $3 \sqrt{3}$ sq. cm
(C) 12 sq. cm
(D) 50 sq. cm

## PART - IV : GENERAL AWARENESS

151. A bullet of mass $m$ and velocity $a$ is fired into a large block of wood of mass $M$. The final velocity of the system is
(A) $\frac{M}{m+M} a$
(B) $\frac{m+M}{m} a$
(C) $\frac{m+M}{M} a$
(D) $\frac{m}{m+M} a$
152. The intensity ratio of waves is $25: 9$. What is the ratio of their amplitudes ?
(A) $50: 18$
(B) $25: 9$
(C) $5: 3$
(D) $3: 5$
153. When number of turns in a coil is tripled, without any change in the length of coil, its self inductance becomes
(A) one-third
(B) three times
(C) six times
(D) nine times
154. Which of the following properties of sound is affected by change in air temperature ?
(A) Amplitude
(B) Frequency
(E) Wavelength
(D) Intensity
155. Which one of the following is odd ?
(A) SMTP
(B) IMAP
(C) POP
(D) SNMP
156. Which of the following memories must be refreshed many times per second?
(A) Static RAM
(B) Dynamic RAM
(C) EPROM
(D) ROM
157. If there is one million $\mathrm{Mg}^{2+}$ ions in $\mathrm{MgCl}_{2}$ how many chloride ions are there ?
(A) . Half a million
(B) One million
(C) Two million
(D) Ten million
158. The gas that causes suffocation and death when coal or coke is burnt in a closed room is
(A) carbon monoxide
(B) carbon dioxide
(C) methane
(D) ethane
159. Dry ice is the solid form of
(A) air
(B) carbon dioxide
(C) water
(D) nitrogen
160. The common name of sodium bicarbonate is
(A) baking powder
(B) baking soda
(C) soda lime
(D) soda ash
161. The serious environmental degradation of Maldives is considered to be essentially due to
(A) constant soil erosion
(B) high population density
(C) industrial pollution of water and air
(D) None of the above
162. In which year was the first World Environmental day observed ?
(A) 1973
(B) 1980
(C) 1972
(D) 1974
163. When and where did the concept of Earth Hour begin?
(A) In March, 2007 in Sydney, Australia
(B) In April, 2008 in Tokyo, Japan
(C) In June, 2007 in Christ Church, New Zealand
(D) In May, 2009 in Colombo, Sri Lanka
164. 'Cloud burst' means
(A) abnormally heavy downpour of rain associated with a thunderstorm
(B) formation of artificial rain
(C) presence of scattered flakes of cloud in the sky
(D) sowing of seeds of a crop in cloudy weather
165. Eddie Redmayne won the Oscar (2015) for Best Actor for which film ?
(A) The Theory of Everything
(B) Birdman
(C) Still Alice
(D) None of the above
166. How many Nobel Prize Awards are awarded each year ?
(A) 6
(B) 8
(C) 5
(D) 10
167. When was the last telegram sent in India ?
(A) July
14, 2013
(B) June 14, 2013
(C) July 30, 2013
(D) August 1, 2013
168. Who wrote the famous novel 'The Guide' ?
(A) Satyajit Ray
(B) R. K. Narayan
(C) Arundhati Roy
(D) Chetan Bhagat
169. The Indian who won the Grammy Award 2015 in the new age album category is
(A)) Musician Ricky Kej
(B) Musician A. R. Rehman
(C) Singer Kavita Krishna Murthy
(D) Author Neela Vaswani
170. How many states are there in the Indian Union?
(A) 28
(B) 29
(C) 30
(D) 27
171. Name the first Asian country to orbit Mars
(A) China
(B) Pakistan
(C) Japan
(D) India
172. Which was the first talkie film made in India?
(A) Raja Harishchandra
(B) Kisan Kanya
(C) Alam Ara
(D) Mother India
173. Who invented the safety razor ?
(A) Steve Cher
(B) Lar Strauss
(C) Gillette
(D) Steve Job
174. RBI's deadline to exchange pre 2005 currency notes of $₹ 500$ and $₹ 1000$ is
(A) January 1, 2015
(B) April 1, 2015
(C) March 31, 2015
(D) December 31, 2015
175. National Renewal Fund (NRF) was instituted for the purpose of
(A) rural reconstruction
(B) restructuring and modernisation of industries
(C) providing pension for retiring employees
(D) social security
176. The total utility from 9 units of commodity $X$ is 20 and from 10 units is 15 . Calculate the marginal utility from 10th unit
(A) 0.5
(B) 5
(C) -0.5
(D) -5
177. The Industrial Development Bank of India was set up in
(A) July, 1962
(B) July, 1964
(C) July, 1966
(D) July, 1968
178. More than $50 \%$ of the world's coal deposits are held by
(A) China, India and USA
(B) China, India and Russia
(C) India, Russia and USA
(DD) USA, Russia and China
179. Barter Transactions means
(A) goods are exchanged with goods
(B) money acts as a medium of exchange
(C) coins are exchanged for goods
(D) goods are exchanged with gold
180. Which factor is necessary for the development of democratic institutions ?
(A) Strong military forces
(B) Respect for individual rights
(C) A one-party system
(D) An agricultural economy
181. Who was the first Indian to become member of British Parliament ?
(A) Firozshah Mehta
(B) Surendranath Banerjee
(IC) D. Dadabhai Naoroji
(D) D. N. Wacha
182. The idea of Parliamentary form of government is adopted from
(A) US
(B) USSR
(C) UK
(D) Ireland
183. The directive principles incorporated in the Indian Constitution have been inspired by the Constitution of
(A) Ireland
(B) USA
(C) Australia
(D) Canada
184. Who is the founder of the concept 'sarvodaya' ?
(A) Vinobha Bhave
(B) Mahatma Gandhi
(C) Jai Prakash Narayan
(D) K. G. Mushroowala
185. Which US President announced the 'New Deal' for economic recovery in the aftermath of the Great Depression ?
(A) Abraham Lincoln (B)
(B) Benjamin Franklin
(C) Roosevelt
(D) J. F. Kennedy
186. The non-cooperation movement was called off due to
(A) Chauri Chaura incident
(B) Jallianwala Bagh tragedy
(C) Poona pact
(D) Gandhi-Irwin pact
187. Who was Akbar's famous revenue minister ?
(A) Tansen
(B) Todarmal
(C) Rana Pratap Singh
(D) Humayun
188. Who among the following rulers abolished Jaziya ?
(A) Aurangzeb
(B) Balban
(C) Akbar
(D) Jehangir
189. The Battle of Plassey was fought between
(AA) Sirajuddaula and Robert Clive
(B) Mir Jafar and Robert Clive
(C) Mir Khasim and Robert Clive
(D) None of the above
190. 'Red Data Book' provides an account of
(A) Extinct animals only
(B) Fossil plants
(C) Endangered plants and animals
(D) Endangered plants only
191. Which one of the following is not coal variety ?
(A) Bituminous
(B) Dolomite
(C) Lignite
(D) Peat
192. What is 'Talcher' important for ?
(A) Atomic reactor
(B) Hydro-electricity generation
(C) Heavy water plant
(D) Cable industry
193. The instrument used to measure pressure is
(A) Aneroid Barometer
(B) Anemometer
(C) Hygrometer
(D) Thermometer
194. World's largest producer of coffee is
(A) Brazil
(B) Peru
(C) Argentina
(D) India
195. First human heart transplant was performed in
(A) 1959
(B) 1955
(C) 1967
(D) 1972
196. Soilless agriculture refers to
(A) hydroponics
(B) hygroponics
(C) sericulture
(D) inter-cropping
197. Phycology is the study of
(A) Fungi
(B) Algae
(C) Lichens
(D) Bacteria
198. Which one of the following wood is used in making cricket bats ?
(A) Cedrus deodara
(B) Salix purpurea
(C) Morus alba
(D) Linun usitatissimum
199. Which day is observed as World AIDS Day?
(A) December 20th
(B) March 1st
(C) March 20th
(D) December 1st
200. Pick out the person associated with the coining of the term 'gene' ?
(A) Mendel
(B) Waldeyer
(C) Johannsen
(D) Morgan
