

Staff Selection Commission (Southern Region)

Combined Higher Secondary Level Examination 2014

Held on: 09.11.2014 (Morning Session)

Test Form No.
टेस्ट फॉर्म संख्या
513 MP 7

AD-2014

AD - 10631579

Time Allowed : 2 Hours (For V.H. Candidates and Candidates Suffering from Cerebral palsy : 2 hrs. 40 Min.)

Maximum Marks : 200

निर्धारित समय : 2 घण्टे (दृष्टिबाधित एवं सेरिब्रल पाल्सी उम्मीदवारों के लिए : 2 घण्टे 40 मिनट) अधिकतम अंक : 200

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

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

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

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

INSTRUCTIONS TO CANDIDATES

- This Booklet contains 200 questions in all comprising the following four parts :
Part-I : General Intelligence (50 Questions)
Part-II : English Language (50 Questions)
Part-III : Quantitative Aptitude (50 Questions)
Part-IV : General Awareness (50 Questions)
- In questions set bilingually in English and Hindi language, in case of discrepancy, the English version will prevail.
- All questions are compulsory and carry equal marks.
- The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.
- Before you start to answer the questions you must check up this Booklet and ensure that it contains all the pages (1-32) and see that no page is missing or repeated. If you find any defect in this Booklet, you must get it replaced immediately.
- You will be supplied the Answer-Sheet separately by the Invigilator. You must complete and code the details of Name, Roll Number, Ticket Number and Test Form Number on Side-I of the Answer-Sheet carefully. You must also put your signature and Left-Hand thumb impression on the Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark. (V.H. / Cerebral palsy candidates will have to ensure that these details will be filled in by the scribe. 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.)
- 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/different from the information given in the application form, such candidate will be awarded 'ZERO' mark.
- The Answer-Sheet must be handed over to the Invigilator before you leave the Examination-Hall.
- Failure to comply with any of the above instructions will render a candidate liable to such action / penalty as may be deemed fit.
- The manner in which the different questions are to be answered has been explained at the back of this Booklet (Page No. 32), which you should read carefully before actually answering the questions.
- Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.
- In lieu of Question Nos. 42 to 50 and 142 to 150, relating to figural portions, alternate questions have been provided to be attempted by V.H. candidates only.
- No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions in Part I and Part III of 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 200 प्रश्न हैं, जिनमें निम्नलिखित चार भाग शामिल हैं :
भाग-I : सामान्य बुद्धिमत्ता (50 प्रश्न)
भाग-II : अंग्रेजी भाषा (50 प्रश्न)
भाग-III : संख्यात्मक अभिरुचि (50 प्रश्न)
भाग-IV : 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 (1-32) हैं तथा कोई पृष्ठ कम या दुबारा तो नहीं आ गया है। यदि आप इस पुस्तिका में कोई त्रुटि पायें, तो तत्काल इसके बदले दूसरी पुस्तिका ले लें।
- निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जायगी। उत्तर-पत्रिका के Side-I में नियमावली के अनुसार ध्यानपूर्वक अपना नाम, रोल नम्बर, टिकट नम्बर और टेस्ट फॉर्म संख्या अवश्य लिखें। प्रश्नों के उत्तर वास्तव में शुरू करने से पहले उत्तर-पत्रिका पर निर्धारित स्थान में आप अपने हस्ताक्षर एवं बायें हाथ के अंगूठे का निशान भी अवश्य लगाएँ। उपर्युक्त अनुदेशों का पूरी तरह अनुपालन किया जाए, अन्यथा आपको उत्तर-पत्रिका को जाँचा नहीं जाएगा और 'शून्य' अंक दिया जाएगा। (दृष्टिबाधित / सेरिब्रल पाल्सी उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भरा जाए। परन्तु सभी दृष्टिबाधित / सेरिब्रल पाल्सी उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बाएँ हाथ के अंगूठे का निशान अवश्य लगाएँ। जो दृष्टिबाधित / सेरिब्रल पाल्सी 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 काले/नीले बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ। जो अण्डाकार खाने काले/नीले 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 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।
- आकृत से सम्बन्धित प्रश्न संख्या 42 से 50 एवं 142 से 150 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 भाग I और भाग III में 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 ऑफ करके भी अपने पास न रखें। इस प्रावधान का अनुपालन न करने को परीक्षा में अनुचित उपायों का प्रयोग माना जाएगा और उनके विरुद्ध कार्रवाई की जाएगी, उनकी अभ्यर्थिता रद्द कर देने सहित।"

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



AD-2014

Part – I
GENERAL INTELLIGENCE

1. Raju was to go to the planetarium. So he walked 1.5 kms towards east from the place and then turned to right and walked 2.5 kms and then turned towards east walked 1 km. and turned to south and walked 4 kms and reached the place by walking 2.5 kms towards west. What distance is he from the starting point ?

- (A) 6.5 kms (B) 9.5 kms
(C) 10 kms (D) 9 kms

2. A cyclist rides 40 kms to the east, turns north and rides 20 kms, again turns left and rides 20 kms. How far is he from the starting point ?

- (A) 0 km (B) 10 kms
(C) 20 kms (D) 30 kms

Directions : In Question Nos. 3 & 4, select the missing number from the given responses.

3. $\begin{matrix} 81 & & 729 \\ & \diagdown & / \\ & Y & \\ & / & \diagdown \\ 9 & & \end{matrix}$ $\begin{matrix} 64 & & 512 \\ & \diagdown & / \\ & Y & \\ & / & \diagdown \\ 8 & & \end{matrix}$ $\begin{matrix} 49 & & ? \\ & \diagdown & / \\ & Y & \\ & / & \diagdown \\ 7 & & \end{matrix}$

- (A) 444 (B) 515
(C) 343 (D) 373

4. $\begin{matrix} 18 & & 11 & & 6 & & 12 \\ 9 & 38 & 6 & 19 & 32 & 9 & 26 & 44 & 3 & 9 & ? & 20 \\ 17 & & 11 & & 15 & & 8 \\ (A) 9 & (B) 40 & (C) 7 & (D) 36 \end{matrix}$

Directions (Q. Nos. 5 & 6) : Three statements are given followed by two/four conclusions I, II, III & IV. You have to consider the three statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

5. **Statements :**

- Rabindranath Tagore wrote many poems.
- Every poet has aesthetic knowledge.
- Aesthetic is a part of axiological study.

Conclusions :

- Rabindranath Tagore did different axiological study.
 - He followed the base of logic and ethics.
- (A) Only conclusion I.
(B) Both conclusions I and II.
(C) Only conclusion II.
(D) None of these

6. **Statements :**

- All clerks are superintendents.
- All superintendents are managers.
- All managers are supervisors.

Conclusions :

- All supervisors are clerks.
 - Some clerks are supervisors.
 - Some managers are clerks.
 - All superintendents are clerks.
- (A) Only conclusion I.
(B) Only conclusion II.
(C) Only conclusion III.
(D) Only conclusion IV.

SPACE FOR ROUGH WORK

Directions : In Question Nos. 7 to 15, select the related letter/word/number from the given alternatives.

7. Heart : Cardiologist :: Kidney : ?
 (A) Endocrinologist (B) Orthodontist
 (C) Nephrologist (D) Neurologist
8. DEF : EFD :: FGH : ?
 (A) FHG (B) HGF
 (C) HFG (D) GHF
9. AZB : CYD :: EXF : ?
 (A) GWH (B) FGV
 (C) TMR (D) QSV
10. HGUOR : HTOOMS :: ? : REDNET
 (A) TOUGH (B) THOUG
 (C) HUGOT (D) HGUOT
11. 7 : 24 :: ?
 (A) 30 : 100 (B) 23 : 72
 (C) 19 : 58 (D) 11 : 43
12. 12 : 140 :: 156 : ?
 (A) 1820 (B) 1500
 (C) 1250 (D) 1121
13. 64 : 4 :: ? : 9
 (A) 18 (B) 729
 (C) 81 (D) 144
14. Maharashtra : India :: Texas : ?
 (A) Canada (B) Mexico
 (C) Brazil (D) USA
15. Qualm : Nausea :: Burn : ?
 (A) Fresh (B) Sear
 (C) Sensible (D) Wet

Directions : In Question Nos. 16 to 23, find the odd word/number/letters/number pair from the given alternatives.

16. (A) Chameleon (B) Crocodile
 (C) Alligator (D) Locust
17. (A) B C D G (B) G I J L
 (C) P R S U (D) U W X Z
18. (A) M K H B D (B) G F K H C
 (C) B D F A T (D) X V R P I
19. (A) D C E B (B) P N Q S T
 (C) V K H G M (D) W P Z L H
20. (A) 1625 (B) 3649
 (C) 6481 (D) 5025
21. (A) 512 (B) 625
 (C) 1296 (D) 2401
22. (A) Poland (B) Korea
 (C) Spain (D) Greece
23. (A) Polaris (B) Nike
 (C) Crux (D) Phoenix
24. Find the wrong number in the series :
 30, 27, 36, 45, 72
 (A) 30 (B) 27 (C) 36 (D) 72

Directions : In Question Nos. 25 to 27, which one of the given responses would be a meaningful order of the following ?

25. 1. Curd 2. Milk 3. Butter milk
 4. Cow 5. Ghee 6. Butter
 (A) 2, 5, 6, 4, 1, 3 (B) 4, 6, 2, 1, 3, 5
 (C) 4, 2, 1, 3, 6, 5 (D) 2, 6, 4, 5, 3, 1
26. 1. Reading 2. Listening
 3. Writing 4. Speaking
 (A) 4, 2, 1, 3 (B) 2, 4, 3, 1
 (C) 2, 4, 1, 3 (D) 4, 3, 2, 1
27. 1. Adulthood 2. Infancy
 3. Childhood 4. Adolescence
 (A) 1, 3, 4, 2 (B) 2, 3, 4, 1
 (C) 2, 4, 3, 1 (D) 1, 2, 3, 4

SPACE FOR ROUGH WORK

Directions : In Question Nos. 28 to 32, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

28. 3, 15, 4, 16, 5, 17, 6, ?, 7
(A) 12 (B) 13 (C) 15 (D) 18
29. 68, 81, 96, ?, 132
(A) 105 (B) 110 (C) 113 (D) 130
30. 121, 253, 374, 495, ?
(A) 565 (B) 523
(C) 5116 (D) 5102
31. CE, GI, KM, OQ, ?
(A) TW (B) TV (C) SU (D) RT
32. R, O, L, I, F, ?
(A) C (B) A (C) E (D) I
33. A family consisted of a man, his wife, his three sons, their wives and three children in each son's family. How many members are there in the family?
(A) 12 (B) 13 (C) 15 (D) 17
34. From the given alternatives select the word which cannot be formed using the letters of the given word :
INFLATIONARY
(A) FLAIR (B) FAULTY
(C) NATIONAL (D) RATION
35. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
__cb__ca__bacb__ca__bac__d
(A) b a d d d b (B) b b b d d d
(C) a d d d d b (D) a d d b b b
36. Mani is double the age of Prabhu. Ramona is half the age of Prabhu. If Mani is sixty, find out the age of Ramona.
(A) 20 (B) 15 (C) 10 (D) 24

- J = 1 K = 2 L = 5 M = 7
37. Let N = 11 O = 13 P = 17
Find the letter to be inserted in the box in the relation given :
 $(N \times \square + M) \div K = 31$
(A) L (B) P (C) J (D) O
38. Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved equation.
 $2 \times 3 \times 4 = 432$, $5 \times 6 \times 7 = 765$
 $7 \times 8 \times 9 = 987$, $2 \times 5 \times 7 = ?$
(A) 572 (B) 752 (C) 725 (D) 257

39. The overall rainfall in certain region of India decreases year after year. Find out from the data the trend in decrease.

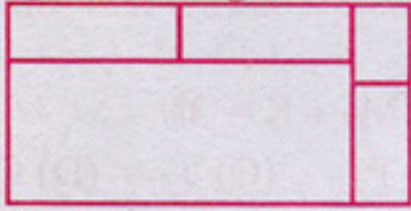
Year	Rainfall (in mm)
2009	26
2010	25
2011	23
2012	20
2013	16
2014	11
2015	?

- (A) 6 mm (B) 7 mm
(C) 5 mm (D) 8 mm
40. If PALE is coded as 2134, EARTH is coded as 41590, how is PEARL coded as ?
(A) 29530 (B) 24153
(C) 25413 (D) 25430
41. If the word PRINCIPAL is written as LAPICNIRP, how ADOLESCENCE can be written in that code ?
(A) ECNCESELODA
(B) ECNECSLEODA
(C) ECNSCEELODA
(D) ECNECSELODA

SPACE FOR ROUGH WORK

42. How many rectangles are there in the question figure ?

Question figure :



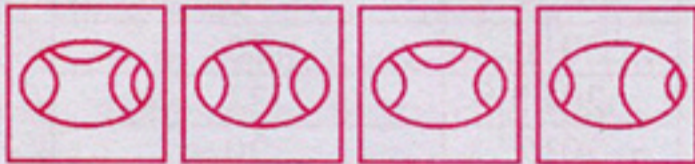
- (A) 6 (B) 7 (C) 8 (D) 9

43. Among the four answer figures, which figure can be formed from the cut-pieces given below in the question figure ?

Question figure :



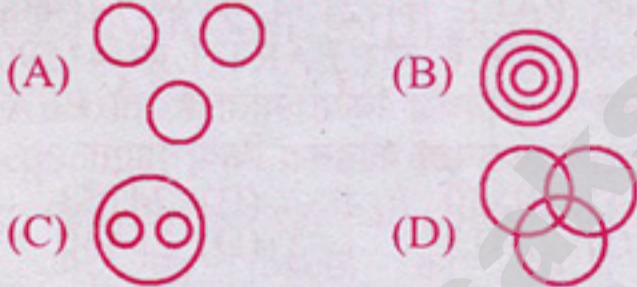
Answer figures :



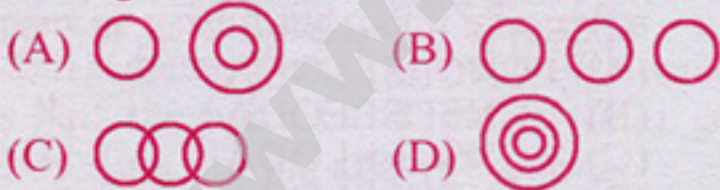
- (A) (B) (C) (D)

Directions : In Question Nos. 44 and 45 which one of the following diagrams represents the correct relationship among :

44. Lion, Fox and Carnivorous



45. Manager, Labour Union and Worker



46. Which answer figure will complete the question figure ?

Question figure :



Answer figures :



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

47. Which of the answer figures is embedded in the question figure ?

Question figure :



Answer figures



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

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

Question figures :



Answer figures :



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

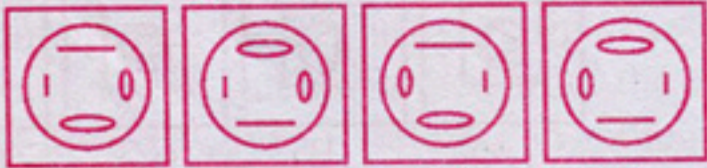
SPACE FOR ROUGH WORK

49. If a mirror is placed on the line MN, then which of the answer figures is the right 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., A can be represented by 01, 20, 42 etc. and H can be represented by 65, 57, 98 etc. Similarly, you have to identify the set for the word given in the question.

FAITH

Matrix-I

	0	1	2	3	4
0	F	A	N	O	I
1	I	O	F	A	N
2	A	N	O	I	F
3	O	F	I	N	A
4	N	I	A	F	O

Matrix-II

	5	6	7	8	9
5	S	E	H	B	T
6	H	S	E	T	B
7	B	T	S	E	H
8	E	H	T	B	S
9	T	S	E	H	B

- (A) 24, 31, 10, 59, 57
 (B) 12, 20, 40, 68, 65
 (C) 31, 34, 23, 76, 79
 (D) 43, 42, 41, 78, 89

For Visually Handicapped Candidates Only

Directions : In Question Nos. 42 to 45, select the related word/letters/number from the given alternatives.

42. Earthworm : Mud :: Crab : ?
 (A) Sea (B) Water
 (C) Sand (D) Bank
43. Peacock : India :: Bear : ?
 (A) Australia (B) America
 (C) Russia (D) England
44. UTS : EDC :: WVU : ?
 (A) XWV (B) WYZ
 (C) SJM (D) RPO
45. 3 : 11 :: 5 : ?
 (A) 18 (B) 27 (C) 15 (D) 31

Directions : In Question Nos. 46 and 47, find the odd word/number/letters/number pair from the given alternatives.

46. (A) Potassium (B) Gallium
 (C) Germanium (D) Zirconium
47. (A) Tomato (B) Cucumber
 (C) Gourd (D) Potato
48. Choose the correct alternative from the given ones that will complete the series : FDBZ, GECA, MKIG, PNLJ, ___?
 (A) WVTR (B) WUSQ
 (C) WUSR (D) JHFD

Directions : In Question Nos. 49 and 50, find which one is different from the rest of the following.

49. 1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 111
 (A) 25 (B) 111 (C) 36 (D) 100
50. 2, 2, 4, 12, 48, 192, 1440
 (A) 48 (B) 192 (C) 12 (D) 1440

SPACE FOR ROUGH WORK

Part – II
ENGLISH LANGUAGE

Directions : In Question Nos. 51 to 55, out of the four alternatives choose the one which can be substituted for the given words/sentence.

51. A poem of fourteen lines.
(A) Ballad (B) Psalm
(C) Sonnet (D) Carol
52. Incapable of error.
(A) Erroneous (B) Incurable
(C) Unbeatable (D) Infallible
53. One who believes everything he or she hears.
(A) Credulous (B) Credible
(C) Creditable (D) Credential
54. An allowance made to a wife by her husband, when they are legally separated.
(A) Alimony (B) Parsimony
(C) Matrimony (D) Honorarium
55. Wild imagination.
(A) Whim (B) Fantasy
(C) Fancy (D) Memory
- Directions :** In Question Nos. 56 to 60, 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.
56. (A) Mountainer (B) Mountaineer
(C) Mounteener (D) Mountineer
57. (A) Happened (B) Happenned
(C) Hapened (D) Hapenned
58. (A) Sentimantalist (B) Sentimentelist
(C) Sentimentalist (D) Santimentalist
59. (A) Laibertarian (B) Libertarian
(C) Liebertarian (D) Liberterian
60. (A) Emphetic (B) Emphattic
(C) Emphatick (D) Emphatic

Directions : In Question Nos. 61 to 70, 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.

Delhi 61 the capital of India. People from all parts of the country and the world 62 to Delhi. There 63 many historical buildings. People 64 the Rajghat, Shantivan and Vijayghat. We visited Delhi last year 65 our cousins. There 66 many other historical cities. Agra 67 one of them. We 68 visit Agra and Jaipur next time. The Red Fort of Delhi and the Hawa Mahal of Jaipur were 69 famous for their Mughal 70 Rajasthani architecture respectively.

61. (A) was (B) are
(C) is (D) were
62. (A) came (B) comes
(C) come (D) coming
63. (A) has (B) were
(C) is (D) are
64. (A) visit (B) visited
(C) visiting (D) visits
65. (A) for (B) on
(C) of (D) with
66. (A) is (B) are
(C) were (D) was
67. (A) are (B) was
(C) is (D) were
68. (A) will (B) would
(C) could (D) can
69. (A) much (B) very
(C) too (D) more
70. (A) either (B) because
(C) or (D) and

Directions : In Question Nos. 71 to 75, 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 errors, blacken the oval corresponding to (D) in the Answer Sheet.

71. I worked / as medical representative /
(A) (B)
for eight months. / No error
(C) (D)
72. Shakespeare has written / many plays /
(A) (B)
as well as some poetries. / No error
(C) (D)
73. Neither of the girls / were willing to /
(A) (B)
accept the proposal. / No error
(C) (D)
74. A interesting book / 'A Tale of two
(A) (B)
cities' / was written by Alexander
(C)
Dumas / No error
(D)
75. In India, / there are / many poors. /
(A) (B) (C)
No error
(D)

Directions : In Question Nos. 76 to 80, sentences 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.

76. Is not learning superior _____ wealth ?
(A) than (B) from
(C) by (D) to
77. A group of agitators _____ the mob to break down the Vice-Chancellor's door.
(A) wished (B) excited
(C) threatened (D) incited
78. Turn the lights _____ before you go to bed.
(A) on (B) off
(C) out (D) down
79. There is no _____ evidence to support your assertion.
(A) facile (B) fictitious
(C) facetious (D) factual
80. Throw a stone _____ the fierce dog.
(A) at (B) upon
(C) on (D) above

Directions : In Question Nos. 81 to 85, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

81. Equilibrium

- (A) Work out
- (B) Disturb
- (C) Imbalance
- (D) Unevenness

82. Immortal

- (A) Eternal
- (B) Permanent
- (C) Deathly
- (D) Temporary

83. Focus

- (A) Disappear
- (B) Disperse
- (C) Link
- (D) Layer

84. Veteran

- (A) Activist
- (B) Enthusiast
- (C) Novice
- (D) Master

85. Superfluous

- (A) Essential
- (B) Excess
- (C) Unwanted
- (D) Necessary

Directions : In Question Nos. 86 to 90 out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

86. Persevere

- (A) Fickle
- (B) Persist
- (C) Constant
- (D) Polite

87. Petition

- (A) Rotation
- (B) Administration
- (C) Appeal
- (D) Vocation

88. Proposition

- (A) Intimation
- (B) Protestation
- (C) Proposal
- (D) Invitation

89. Vivacious

- (A) Imaginary
- (B) Lively
- (C) Perceptible
- (D) Languid

90. Sporadic

- (A) Timely
- (B) Scattered
- (C) Frequent
- (D) Irrelevant

Directions : In Question Nos. 91 to 95, 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.

91. You cannot throw dust into my eyes.
(A) terrify me
(B) cheat me
(C) hurt me
(D) abuse me
92. He spoke well though it was his maiden speech.
(A) long speech
(B) first speech
(C) brief speech
(D) emotional speech
93. The students were all ears, when the speaker started talking about the changes in the exam.
(A) smiling
(B) silent
(C) restless
(D) attentive
94. In his salad days he was quite a dandy.
(A) childhood
(B) adolescence
(C) school days
(D) old age
95. He is cool about working at night.
(A) ready to work
(B) not ready to work
(C) excited about working
(D) grudgingly working

Directions : In Question Nos. 96 to 100, 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.

96. Sohan is pleased at the news yesterday.
(A) has been pleased
(B) had been pleased
(C) was pleased
(D) No improvement
97. She did not like the movie, nor I did.
(A) nor did I.
(B) nor I like it.
(C) nor did I like it.
(D) No improvement
98. Old habits die hardly.
(A) hard
(B) too hard
(C) much hardly
(D) No improvement
99. One cannot be indifferent to one's health, can't one
(A) can't be ?
(B) can one ?
(C) isn't it ?
(D) No improvement
100. The mother with her children were expected.
(A) was
(B) will
(C) have
(D) No improvement

Part – III
QUANTITATIVE APTITUDE

101. The value of $\frac{\sin 25^\circ \cos 65^\circ + \cos 25^\circ \sin 55^\circ}{\tan^2 70^\circ - \operatorname{cosec}^2 20^\circ}$ is
(A) -1 (B) 0 (C) 1 (D) 2
102. If θ is a positive acute angle and $4 \cos^2 \theta - 4 \cos \theta + 1 = 0$, then the value of $\tan(\theta - 15^\circ)$ is equal to
(A) 0 (B) 1 (C) $\sqrt{3}$ (D) $\frac{1}{\sqrt{3}}$
103. If $(r \cos \theta - \sqrt{3})^2 + (r \sin \theta - 1)^2 = 0$, then the value of $\frac{r \tan \theta + \sec \theta}{r \sec \theta + \tan \theta}$ is equal to
(A) $\frac{4}{5}$ (B) $\frac{5}{4}$ (C) $\sqrt{3}/4$ (D) $\sqrt{5}/4$
104. A vertical pole and a vertical tower are standing on the same level ground. Height of the pole is 10 metres. From the top of the pole the angle of elevation of the top of the tower and angle of depression of the foot of the tower are 60° and 30° respectively. The height of the tower is
(A) 20 m (B) 30 m
(C) 40 m (D) 50 m
105. The sum of the interior angles of a polygon is 1440° . The number of sides of the polygon is
(A) 6 (B) 9 (C) 10 (D) 12
106. In $\triangle ABC$, D and E are two points on the sides AB and AC respectively so that $DE \parallel BC$ and $\frac{AD}{BD} = \frac{2}{3}$. Then $\frac{\text{the area of trapezium DECB}}{\text{the area of } \triangle ABC}$ is equal to
(A) $\frac{5}{9}$ (B) $\frac{21}{25}$ (C) $1\frac{4}{5}$ (D) $5\frac{1}{4}$
107. The H.C.F. and L.C.M. of two numbers are 44 and 264 respectively. If the first number is divided by 2, the quotient is 44. The other number is
(A) 147 (B) 528 (C) 132 (D) 264
108. A teacher wants to arrange his students in an equal number of rows and columns. If there are 1369 students, the number of students in the last row are
(A) 37 (B) 33 (C) 63 (D) 47
109. If $\frac{x}{y} = \frac{4}{5}$, then the value of $\left(\frac{4}{7} + \frac{2y-x}{2y+x}\right)$ is
(A) $\frac{3}{7}$ (B) $1\frac{1}{7}$ (C) 1 (D) 2
110. A and B working separately can do a piece of work in 9 and 15 days respectively. If they work for a day alternately, with A beginning, then the work will be completed in
(A) 10 days (B) 11 days
(C) 9 days (D) 12 days
111. Ram left $\frac{1}{3}$ of his property to his widow and $\frac{3}{5}$ of the remainder to his daughter. He gave the rest to his son who received ₹ 6,400. How much was his original property worth?
(A) ₹ 16,000 (B) ₹ 32,000
(C) ₹ 24,000 (D) ₹ 1,600
112. The first term of an Arithmetic Progression is 22 and the last term is -11. If the sum is 66, the number of terms in the sequence are
(A) 10 (B) 12 (C) 9 (D) 8

SPACE FOR ROUGH WORK

113. Area of a regular hexagon with side 'a' is
 (A) $\frac{3\sqrt{3}}{4} a^2$ sq.unit (B) $\frac{12}{2\sqrt{3}} a^2$ sq.unit
 (C) $\frac{9}{2\sqrt{3}} a^2$ sq.unit (D) $\frac{6}{\sqrt{2}} a^2$ sq.unit
114. The marked price of a saree is ₹ 200. After allowing a discount of 20% on the marked price, the shopkeeper makes a profit of ₹ 16. Find the gain percent.
 (A) $11\frac{1}{9}\%$ (B) $9\frac{1}{11}\%$
 (C) 11% (D) 8%
115. The marked price of an item is twice the cost price. For a gain of 15%, the discount should be
 (A) 7.5% (B) 20.5%
 (C) 32.5% (D) 42.5%
116. Two numbers are in the ratio 3 : 5. If 9 is subtracted from each, the new numbers are in the ratio 12 : 23. The small number is
 (A) 27 (B) 33 (C) 49 (D) 55
117. If $x : y = 5 : 2$, then $(8x + 9y) : (8x + 2y)$ is
 (A) 22 : 29 (B) 26 : 61
 (C) 29 : 22 (D) 61 : 26
118. Two pipes A and B can fill a tank in 36 min. and 45 min. respectively. Another pipe C can empty the tank in 30 min. First A and B are opened. After 7 minutes, C is also opened. The tank is filled up in
 (A) 39 min. (B) 46 min.
 (C) 40 min. (D) 45 min.
119. If the sum of the dimensions of a rectangular parallelepiped is 24 cm and the length of the diagonal is 15 cm, then the total surface area of it is
 (A) 420 cm^2 (B) 275 cm^2
 (C) 351 cm^2 (D) 378 cm^2
120. A total profit of ₹ 3,600 is to be distributed amongst A, B and C such that $A : B = 5 : 4$ and $B : C = 8 : 9$. The share of C in the profit is
 (A) ₹ 1,200 (B) ₹ 1,500
 (C) ₹ 1,650 (D) ₹ 1,700
121. A man sold his watch at a loss of 5%. Had he sold it for ₹ 56.25 more, he would have gained 10%. What is the cost price of the watch (in ₹)?
 (A) 370 (B) 365 (C) 375 (D) 390
122. 1% of 1% of 25% of 1000 is
 (A) .025 (B) .0025
 (C) .25 (D) .000025
123. The population of a village increases by 5% annually. If its present population is 4410, then its population 2 years ago was
 (A) 4500 (B) 4000
 (C) 3800 (D) 3500
124. A is twice as fast as B and B is thrice as fast as C is. The journey covered by C in $1\frac{1}{2}$ hours will be covered by A in
 (A) 15 minutes (B) 20 minutes
 (C) 30 minutes (D) 1 hour
125. A sum of ₹ 210 was taken as a loan. This is to be paid back in two equal instalments. If the rate of interest be 10% compounded annually, then the value of each instalment is
 (A) ₹ 127 (B) ₹ 121 (C) ₹ 210 (D) ₹ 225
126. The average salary of all the workers in a workshop is ₹ 8,000. The average salary of 7 technicians is ₹ 12,000 and the average salary of the rest is ₹ 6,000. The total number of workers in the workshop is
 (A) 20 (B) 21 (C) 22 (D) 23
127. 3 years ago the average age of a family of 5 members was 17 years. A baby having been born, the average age of the family is the same today. The present age of the baby is
 (A) 1 year (B) $1\frac{1}{2}$ years
 (C) 2 years (D) 3 years

SPACE FOR ROUGH WORK

128. A horse takes $2\frac{1}{2}$ seconds to complete a round around a circular field. If the speed of the horse was 66 m/sec, then the radius of the field is, [Given $\pi = \frac{22}{7}$]
- (A) 25.62 m (B) 26.52 m
(C) 25.26 m (D) 26.25 m
129. A flask in the shape of a right circular cone of height 24 cm is filled with water. The water is poured in a right circular cylindrical flask whose radius is $\frac{1}{3}$ rd of the radius of the base of the circular cone. Then the height of the water in the cylindrical flask is
- (A) 32 cm (B) 24 cm
(C) 48 cm (D) 72 cm
130. If the three medians of a triangle are same, then the triangle is
- (A) equilateral (B) isosceles
(C) right-angled (D) obtuse-angled
131. If $x + \frac{1}{x} = 3$, then the value of $\frac{3x^2 - 4x + 3}{x^2 - x + 1}$ is
- (A) $\frac{4}{3}$ (B) $\frac{3}{2}$ (C) $\frac{5}{2}$ (D) $\frac{5}{3}$
132. The area of a square park is 25 sq. km. The time taken to complete a round of the field once, at a speed of 3 km/hour is
- (A) 4 hours 60 minutes
(B) 4 hours 50 minutes
(C) 6 hours 40 minutes
(D) 5 hours 40 minutes
133. The external fencing of a circular path around a circular plot of land is 33 m more than its interior fencing. The width of the path around the plot is
- (A) 5.52 m (B) 5.25 m
(C) 2.55 m (D) 2.25 m
134. If $x = p + \frac{1}{p}$ and $y = p - \frac{1}{p}$, then value of $x^4 - 2x^2y^2 + y^4$ is _____
- (A) 24 (B) 4 (C) 16 (D) 8
135. If $x = 3 + 2\sqrt{2}$, then $\frac{x^6 + x^4 + x^2 + 1}{x^3}$ is equal to
- (A) 216 (B) 192 (C) 198 (D) 204
136. The perimeters of two similar triangles ΔABC and ΔPQR are 36 cm and 24 cm respectively. If $PQ = 10$ cm, the AB is
- (A) 15 cm (B) 12 cm
(C) 14 cm (D) 26 cm
137. If the sides of a right-angled triangle are three consecutive integers, then the length of the smallest side is
- (A) 3 units (B) 2 units
(C) 4 units (D) 5 units
138. Two circles intersect each other at the points A and B . A straight line parallel to AB intersects the circles at C, D, E and F . If $CD = 4.5$ cm, then the measure of EF is
- (A) 1.50 cm (B) 2.25 cm
(C) 4.50 cm (D) 9.00 cm
139. Which one of the following is true ?
- (A) $\sqrt{5} + \sqrt{3} > \sqrt{6} + \sqrt{2}$
(B) $\sqrt{5} + \sqrt{3} < \sqrt{6} + \sqrt{2}$
(C) $\sqrt{5} + \sqrt{3} = \sqrt{6} + \sqrt{2}$
(D) $(\sqrt{5} + \sqrt{3})(\sqrt{6} + \sqrt{2}) = 1$
140. If $\frac{x}{xa + yb + zc} = \frac{y}{ya + zb + xc} = \frac{z}{za + xb + yc}$ and $x + y + z \neq 0$, then each ratio is
- (A) $\frac{1}{a - b - c}$ (B) $\frac{1}{a + b - c}$
(C) $\frac{1}{a - b + c}$ (D) $\frac{1}{a + b + c}$

SPACE FOR ROUGH WORK

141. The length of the shadow of a vertical tower on level ground increases by 10 metres when the altitude of the sun changes from 45° to 30° . Then the height of the tower is
 (A) $5(\sqrt{3} + 1)$ metres
 (B) $5(\sqrt{3} - 1)$ metres
 (C) $5\sqrt{3}$ metres
 (D) $\frac{5}{\sqrt{3}}$ metres

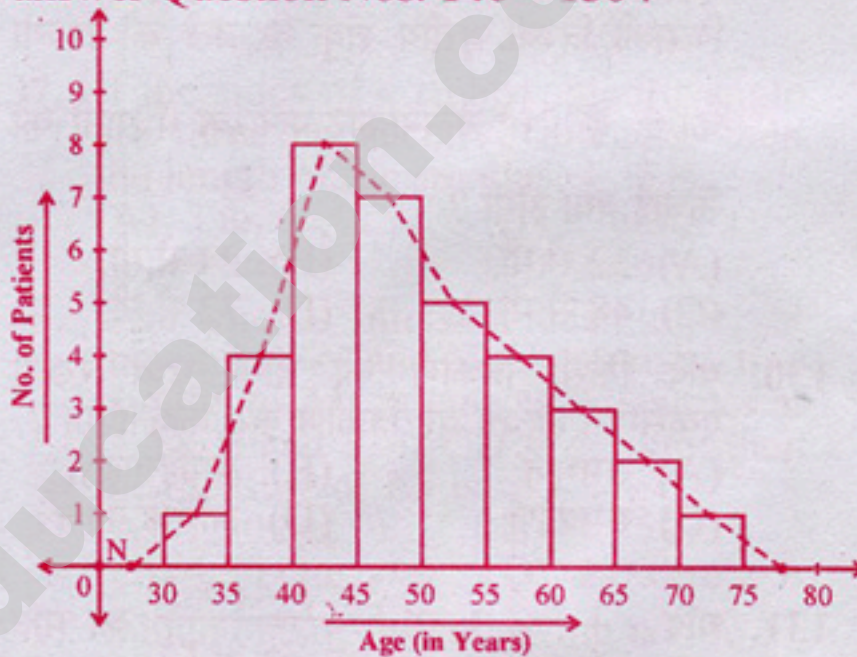
Sales of Books (in thousand numbers) from Six Branches – B1, B2, B3, B4, B5 and B6 of a Publishing Company in 2000 and 2001. Study the graph and answer Question Nos. 142 – 145 :



142. Total sale of branches B1, B3 and B5 together for both the years (in thousand numbers) is
 (A) 250 (B) 310
 (C) 435 (D) 560
143. Find the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both years.
 (A) 2 : 3 (B) 3 : 5
 (C) 4 : 5 (D) 7 : 9

144. Percentage of the average sale of branches B1, B2 and B3 in 2001 and the average sale of branches B1, B3 and B6 in 2000
 (A) 87.5 (B) 75 (C) 77.5 (D) 82.5
145. Find the percentage increase in the sales of books of branch B3 in the year 2001 than the branch B2.
 (A) 69.2 (B) 50.8 (C) 40.9 (D) 65.7

The diagram shows the age-distribution of the patients admitted to a hospital in a particular day. Study the diagram and answer Question Nos. 146 – 150 :



146. Number of patients of age between 55 years to 60 years, who got admitted to the hospital on that day is
 (A) 6 (B) 4 (C) 24 (D) 8
147. Total number of patients of age more than 55 years, who got admitted to the hospital is
 (A) 4 (B) 7 (C) 9 (D) 10
148. Number of patients of age more than 40 years and less than 55 years, who got admitted to the hospital on that day is
 (A) 20 (B) 30 (C) 15 (D) 12

SPACE FOR ROUGH WORK

149. Percentage of patients of age less than 45 years, who got admitted to the hospital on that day is approximately equal to
 (A) 14% (B) 20% (C) 37% (D) 62%
150. About 11% of the patients who got admitted to the hospital on that particular day were of age
 (A) either between 35 years and 40 years or between 55 years and 60 years
 (B) between 60 years and 65 years
 (C) between 35 years and 40 years
 (D) between 35 years and 40 years and between 55 years and 60 years

For Visually Handicapped Candidates Only

142. If the simple interest and compound interest at the same rate of certain amount for 2 years are ₹ 400 & ₹ 420 respectively, then the rate of interest is
 (A) 12 % (B) 8 %
 (C) 10 % (D) 11 %
143. Three friends divide ₹ 624 among themselves in the ratio $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$; the share of the third friend is
 (A) ₹ 288 (B) ₹ 192
 (C) ₹ 148 (D) ₹ 144
144. In the expression xy^2 , the values of x and y are each decreased by 25%. The value of the expression is decreased by
 (A) $\frac{37}{64}$ of its value
 (B) $\frac{1}{2}$ of its value
 (C) $\frac{27}{64}$ of its value
 (D) $\frac{3}{4}$ of its value

145. ₹ 64,000 will amount to ₹ 68,921 at 5% per annum and interest payable half yearly in
 (A) $3\frac{1}{2}$ years (B) 2 years
 (C) $2\frac{1}{2}$ years (D) $1\frac{1}{2}$ years
146. What is the value of an angle included between x -axis and y -axis in radian?
 (A) $\frac{\pi^c}{6}$ (B) $\frac{\pi^c}{3}$
 (C) $\frac{\pi^c}{4}$ (D) $\frac{\pi^c}{2}$
147. The value of $\frac{\tan^2\theta}{1 + \tan^2\theta} + \frac{\cot^2\theta}{1 + \cot^2\theta}$ is equal to
 (A) 0 (B) 1 (C) 2 (D) 3
148. The value of $(1,000,001)^2 - (999,999)^2$ is
 (A) 2,000,000 (B) 4,000,000
 (C) 6,000,000 (D) 8,000,000
149. The sum of the squares of three consecutive natural numbers is 194. The sum of the numbers is
 (A) 24 (B) 27 (C) 21 (D) 30
150. A vessel is in the form of an inverted cone. Its height is 11 cm and radius of its top, which is open, is 2.5 cm. It is filled with water upto the rim. When lead shots, each of which is a sphere of radius 0.25 cm are dropped into the vessel, $\frac{2}{5}$ of the water flows out. The number of lead shots dropped into the vessel is
 (A) 880 (B) 440 (C) 220 (D) 110

SPACE FOR ROUGH WORK

GENERAL AWARENESS

151. The President of World Bank is
 (A) Jim Yong Kim
 (B) Christine Lagarde
 (C) Prema Cariappa
 (D) Vijay L. Kelkar
152. Tulsidas wrote Ramcharitmanas in the reign of
 (A) Babar (B) Akbar
 (C) Aurangzeb (D) Jahangir
153. Grammy Award is given in the field of
 (A) Acting (B) Music
 (C) Singing (D) Boxing
154. The first woman to get the Bharat Ratna Award is
 (A) Mother Teresa
 (B) Indira Gandhi
 (C) Lata Mangeshkar
 (D) Sarojini Naidu
155. Karl Marx wrote
 (A) Asian Drama
 (B) Emma
 (C) Das Kapital
 (D) Good Earth
156. The religious text of the Jews is named as
 (A) The Analectus
 (B) Torah
 (C) Tripitaka
 (D) Zend-Avesta
157. "Meghdoot" was written by
 (A) Humayun Kabir
 (B) Khushwant Singh
 (C) Banabhatta
 (D) Kalidasa
158. Who among the following is a famous English writer?
 (A) Amrita Pritam
 (B) Mahadevi Verma
 (C) Ashapura Devi
 (D) Mulk Raj Anand
159. Which of the following is not an economic problem?
 (A) Deciding between paid work and leisure.
 (B) Deciding between expenditure on one good and the other.
 (C) Deciding between alternative methods of personal saving.
 (D) Deciding between different ways of spending leisure time.
160. Which of the following occurs when labour productivity rises?
 (A) The equilibrium nominal wage falls
 (B) The equilibrium quantity of labour falls
 (C) Competitive firms will be induced to use more capital
 (D) The labour demand curve shifts to the right
161. Which of the following are consumer semi-durable goods?
 (A) Cars and television sets
 (B) Milk and milk products
 (C) Foodgrains and other food products
 (D) Electrical appliance like fans and electric irons
162. Which of the following statements is correct?
 (A) Most workers will work for less than their reservation wage.
 (B) The reservation wage is the maximum amount any firm will pay for a worker.
 (C) Economic rent is the difference between the market wage and the reservation wage.
 (D) Economic rent is the amount one must pay to enter a desirable labour market.
163. Other things being equal, a decrease in quantity demanded of a commodity can be caused by
 (A) a rise in the price of the commodity
 (B) a rise in the income of the consumer
 (C) a fall in the price of a commodity
 (D) a fall in the income of the consumer

164. Who admits a new State to the Union of India ?
 (A) President (B) Supreme Court
 (C) Prime Minister (D) Parliament
165. In which year were the States reorganized on a linguistic basis ?
 (A) 1951 (B) 1947
 (C) 1950 (D) 1956
166. Who has got the power to create All India Services ?
 (A) Supreme Court
 (B) The Parliament
 (C) Council of Ministers
 (D) Prime Minister
167. Which one of the following is the most lasting contribution of the Rastrakutas ?
 (A) Kailasha Temple
 (B) Pampa, Ponna, Ranna, the three writers of Kannada Poetry and Kailasha Temple
 (C) Patronage of Jainism
 (D) Conquests
168. Ravikirti, a Jain, who composed the Aihole Prashasti, was patronized by
 (A) Pulakeshi I (B) Harsha
 (C) Pulakeshi II (D) Kharavela
169. The "Mein Kampf" was written by
 (A) Hitler (B) Mussolini
 (C) Bismarck (D) Mazzini
170. When did the reign of Delhi Sultanate came to an end ?
 (A) 1498 A.D. (B) 1526 A.D.
 (C) 1565 A.D. (D) 1600 A.D.
171. In the provisional Parliament of India, how many members were there ?
 (A) 296 (B) 313
 (C) 318 (D) 316
172. It was decided to observe Mahatma Gandhi's birthday October 2 as the International Nonviolence Day at
 (A) International Indology Conference
 (B) Satyagraha Centenary Conference
 (C) Congress Foundation Day Celebration
 (D) None of these
173. ISRO's Master Control Facility is in
 (A) Andhra Pradesh (B) Orissa
 (C) Gujarat (D) Karnataka
174. India is the largest producer and exporter of
 (A) Cotton (B) Copper
 (C) Tea (D) Mica
175. The soils which are rich in Calcium are known as
 (A) Pedocals (B) Pedalfers
 (C) Podzols (D) Laterites
176. Cultivable land is defined as
 (A) land actually under crops
 (B) cultivable waste land + fallow land
 (C) old fallow lands + current fallow lands
 (D) total fallow lands + net sown area
177. From which part of Opium plant we get morphine ?
 (A) Leaves (B) Stem
 (C) Bark (D) Fruit coat
178. Which of the following is a Biological method of soil conservation ?
 (A) Contour farming
 (B) Contour terracing
 (C) Gully control
 (D) Basin listing
179. Glucose is a type of
 (A) Pentose sugar (B) Hexose sugar
 (C) Tetrose sugar (D) Diose sugar
180. Number of mitochondria in bacterial cell is
 (A) one (B) two
 (C) many (D) zero
181. The original founder of the Manuscripts and Editor of Kautilya's Arthashastra was
 (A) Srikanta Shastri
 (B) Srinivasa Iyengar
 (C) R. Shamashastra
 (D) William Jones
182. Which of the following is the largest Biosphere Reserves of India ?
 (A) Nilgiri
 (B) Nandadevi
 (C) Sundarbans
 (D) Gulf of Mannar

183. Rainbow is formed due to
 (A) refraction and dispersion
 (B) scattering and refraction
 (C) diffraction and refraction
 (D) refraction and reflection
184. Golden view of sea shell is due to
 (A) Diffraction (B) Dispersion
 (C) Polarization (D) Reflection
185. An object covers distance which is directly proportional to the square of the time. Its acceleration is
 (A) increasing (B) decreasing
 (C) zero (D) constant
186. If the horizontal range of a projectile is four times its maximum height, the angle of projection is
 (A) 30° (B) 45°
 (C) $\sin^{-1}\left(\frac{1}{4}\right)$ (D) $\tan^{-1}\left(\frac{1}{4}\right)$
187. Which place is called as "Silicon Valley" of India?
 (A) Delhi (B) Pune
 (C) Bengaluru (D) Hyderabad
188. Telnet stands for
 (A) Telephone Network
 (B) Television Network
 (C) Teletype Network
 (D) Telefax Network
189. Which of the following metals has least melting point?
 (A) Gold (B) Silver
 (C) Mercury (D) Copper
190. The gas produced in marshy places due to decomposition of vegetation is
 (A) Carbon monoxide
 (B) Carbon dioxide
 (C) Sulphur dioxide
 (D) Methane
191. In cactus, the spines are the modified
 (A) stem (B) stipules
 (C) leaves (D) buds
192. The smallest known prokaryotic organism is
 (A) Microcystis (B) Mycoplasma
 (C) Bacteria (D) Chlorella
193. With what bio-region is the term "Steppe" associated?
 (A) Grasslands
 (B) Tropical forests
 (C) Savanna
 (D) Coniferous forests
194. About how much of the world's land area is tropical rainforest?
 (A) 2 percent (B) 7 percent
 (C) 10 percent (D) 15 percent
195. According to your text, what can "be thought of as the genetic library that keeps life going on Earth"?
 (A) A bio-engineering lab
 (B) Human genes
 (C) The human genome project
 (D) Biodiversity
196. The world's growing appetite for what food product is a leading cause of tropical deforestation?
 (A) Pork (B) Sugar
 (C) Lamb (D) Beef
197. "Life Divine" is a book written by
 (A) M.K.Gandhi
 (B) Rabindranath Tagore
 (C) S. Radhakrishnan
 (D) Shri Aurobindo
198. The Oscar Award was won 36 times by
 (A) Charlie Chaplin
 (B) Alfred Hitchcock
 (C) Walt Disney
 (D) Akiro Kurosawa
199. The boiling point of water decreases at higher altitudes is due to
 (A) low temperature
 (B) low atmospheric pressure
 (C) high temperature
 (D) high atmospheric pressure
200. The chemical name of "Hypo" commonly used in photography is
 (A) Sodium thiosulphate
 (B) Silver nitrate
 (C) Sodium nitrate
 (D) Silver iodide