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

| Test Form No. टेस्ट फॉर्म संख्या 123 SK 4 | # AC-2014 | AC - 10407896 |

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

1. 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)

2. In questions set bilingually in English and Hindi language, 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 Invigilator. You must complete and code the details of *Name, Roll Number, Ticket Number and Test Form Number* on Side-1 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.)
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/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.
11. 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.
12. 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.
13. 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.
14. 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.
15. "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 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)

2. अंग्रेजी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेजी विवरण मान्य होगा ।
3. सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं ।
4. प्रश्न पत्र में नकारात्मक अंकन होगा । हर गलत उत्तर के लिए 0.25 अंक काटा जाएगा ।
5. 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 अवश्य ले लें ।
6. 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 लगाएं । उपर्युक्त अनुदेशों का पूरी तरह अनुपालन किया जाए, अन्यथा आपकी 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 बायें हाथ के अंगूठे का निशान अवश्य लगाएं । जो दृष्टिबाधित / सेरिब्रल पाल्सी उम्मीदवार हस्ताक्षर कर सकते हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी कर दें ।)
7. 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 दिखाएं । जो अण्डाकार खाने काले नीले बॉल-पॉइंट पेन से नहीं भरेंगे, उनके लिए कोई अंक नहीं दिया जाएगा ।
8. ओ.एम.आर. उत्तर-पत्रिका में भरी गई कूट सूचना को एक मशीन पढ़ेगी । यदि सूचना अपूर्ण है अथवा आवेदन प्रत्र में दी गई सूचना से भिन्न है, तो ऐसे अभ्यर्थी को 'शून्य' अंक दिया जाएगा ।
9. परीक्षा-भवन छोड़ने से पहले परीक्षार्थी को उत्तर-पत्रिका निरीक्षक के हवाले कर दनी चाहिए ।
10. 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 ।
11. विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृष्ठ संख्या 32) में छपे हुए निर्देशों में दी गई है, इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें ।
12. 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 लगाएं ।
13. आकृति 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 ।
14. कोई रफ कार्य उत्तर-पत्रिका पर नहीं करना है । रफ कार्य के लिए स्थान भाग I और भाग III में प्रश्नों के नीचे दिया गया है ।
15. "परीक्षा हालों/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 कार्यवाई की जाएगी, उनकी अभ्यर्थिता रद्द कर देने सहित ।"

SEAL

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

AC-2014

Part – I
GENERAL INTELLIGENCE

1. The price of onions is shown below for every fortnight. Find the price in Feb. 3rd week.

Period	Dec 1st wk	Dec. 3rd wk	Jan. 1st wk	Jan. 3rd wk	Feb. 1st wk	Feb. 3rd wk
Price	20	60	40	120	100	?

(A) 140 (B) 300
(C) 180 (D) 320

2. The population of a village in Madurai is increasing year after year. Find out the population (in lakhs) in 2013 from the following information :

Year	2008	2009	2010	2011	2012	2013
Population	4	7	13	22	34	?

(A) 49 (B) 46
(C) 45 (D) 43

3. Ram walk 12 kms to the North, then 10 kms to West, 12 kms South. How far is Ram from the starting point ?

(A) 9 kms (B) 13 kms
(C) 8 kms (D) 10 kms

4. Select the missing number from the given responses.

1³ 4·2 ⁿ3~2 ?

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

5. Which of the following interchange of signs would make the given equation correct ?

$(6 + 3) + (4 \times 7) = 29$

(A) + and – (B) – and +
(C) × and + (D) + and ×

6. Change the sign to find the equation

$28 – 7 + 2 \times 2 = 0$

(A) Change + into × (B) Change × into ,
(C) Change – into + (D) Change + into –

7. Town A and town B were 600 km apart. Joshua left town A for town B and travelled at an average speed of 65 km/h. At the same time, Menon left town B for town A. The two of them met 5 hours later. Find Menon's average speed.

(A) 55 km/h (B) 60 km/h
(C) 65 km/h (D) 120 km/h

8. There are two statements labelled as Assertion (A) and Reason (R).
Assertion (A) : Dyslexia is a psychological disorder.
Reason (R) : Vitamin deficiency causes the disease.
Choose the correct option :
Codes :
(A) If both (A) and (R) are true.
(B) If both (A) and (R) are false.
(C) If (A) is false, but (R) is true.
(D) If (A) is true, but (R) is false.

9. Two statements are given followed by two conclusions 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 are to decide which of the given conclusions, if any, follow from the given statements. Indicate your answer.

Statements : All Americans are English-speaking.
No Eskimos are English-Speaking

Conclusions : I. No Eskimos are Americans.
II. No English-speakers are Eskimos.

(A) Only I follows.
(B) Neither I nor II follows.
(C) Only II follows.
(D) Both I and II follows.

SPACE FOR ROUGH WORK

Directions : In Question Nos. **10** to **18**, select the related letter/word/number from the given alternatives.

10. MONEY : YENOM : : RIGHT : ?
    (A) HTIRG   (B) THGIR
    (C) GIRHT   (D) IRGHT

11. NIIOLUSL : ILLUSION : : TBERVARE : ?
    (A) STRANGE   (B) VERTEBRA
    (C) VABTERE   (D) ERAVEBT

12. RUST : 9687 : : TSUR : ?
    (A) 7896   (B) 7869
    (C) 7689   (D) 6789

13. 13 : 169 : : ?
    (A) 12 : 140   (B) 3 : 6
    (C) 11 : 111   (D) 9 : 81

14. 23 : 29 : : 41 : ?
    (A) 43   (B) 45
    (C) 47   (D) 49

15. 6 : 10 : : 9 : ?
    (A) 10   (B) 12
    (C) 15   (D) 18

16. River : Tributary : : Tree : ?
    (A) Stem   (B) Root
    (C) Branch   (D) Flower

17. Lion : Forest : : Fish : ?
    (A) Cage   (B) Nest
    (C) Sky   (D) Water

18. Polio : Virus : : Anthrax : ?
    (A) Fungus   (B) Bacteria
    (C) Virus   (D) Insect

Directions : In Question Nos. **19** to **27**, select the one which is different from the other three responses.
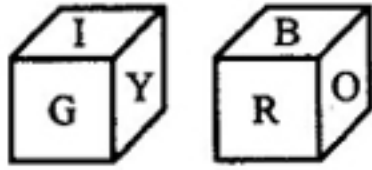
19. (A) 63   (B) 69
    (C) 65   (D) 66

20. (A) 108   (B) 91
    (C) 144   (D) 225

21. (A) 187 : 11   (B) 194 : 12
    (C) 195 : 13   (D) 224 : 14

22. (A) D   (B) G
    (C) H   (D) J

23. (A) SRT   (B) PON
    (C) KJL   (D) VUW

24. (A) EVFU   (B) CXDW
    (C) AZBX   (D) GTHS

25. (A) Square
    (B) Equilateral Triangle
    (C) Rhombus
    (D) Right Angle Triangle

26. (A) Aptitude   (B) Altitude
    (C) Attitude   (D) Behaviour

27. (A) SSA   (B) RMSA
    (C) RUSA   (D) NASA

SPACE FOR ROUGH WORK

28. Find the odd one out.
(A) January, May
(B) April, June
(C) July, August
(D) January, December

29. Which one of the given responses would be a meaningful order of the following ?
1. Earth   2. Jupiter   3. Venus
4. Mars   5. Mercury
(A) 5, 3, 1, 2, 4   (B) 5, 3, 4, 1, 2
(C) 5, 3, 1, 4, 2   (D) 5, 3, 2, 4, 1

Directions : In Question Nos. **30** to **36**, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

30. ar, cs, et, ?
(A) wy   (B) gv
(C) vb   (D) gu

31. 9, 15, 23, 33, ?
(A) 44   (B) 36
(C) 38   (D) 45

32. 4, 7, 14, 24, 41, ?
(A) 71   (B) 68
(C) 72   (D) 51

33. 5, 16, 51, 158, ?
(A) 481   (B) 465
(C) 441   (D) 478

34. CBA, ABC, ABCD, DCBA, ABCDE, ?
(A) EDCBA   (B) DBAC
(C) CABD   (D) BACD

35. AD, EI, JN, PS, ?
(A) WY   (B) XX
(C) WX   (D) WW

36. PON, RQP, TSR, VUT, ?
(A) WUY   (B) YXZ
(C) XWV   (D) UVW

37. If 'NEWS' is written as 'WENS', then how 'MATE' will be written in this code ?
(A) TAME   (B) META
(C) EATM   (D) AMET

38. If REASON is coded as 5 and BELIEVED as 7, what is the code number for GOVERNMENT ?
(A) 6   (B) 8
(C) 9   (D) 10

39. A shepherd had 17 sheep. All but nine died. How many sheep are left ?
(A) 9   (B) 8
(C) 7   (D) 10

40. Present ages of father & son are in the ratio of 5 : 1 respectively. Seven years later this ratio becomes 3 : 1. What is the son's present age in years ?
(A) 8   (B) 7
(C) 6   (D) 5

41. From the given alternative words, select the word which can be formed using the letters of the given word :
TRADITIONAL
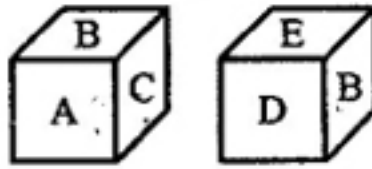(A) NATION   (B) RADIO
(C) ANIMAL   (D) DIRTY

SPACE FOR ROUGH WORK

42. The sides of a cube show the colours of rainbow. Two positions of the cube are shown below. Which of the colours of rainbow is left out ?
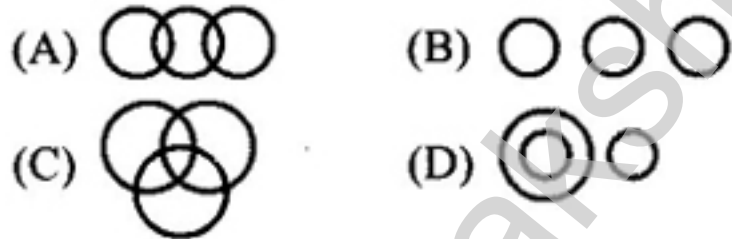

(A) Yellow   (B) Green

(C) Violet   (D) Indigo

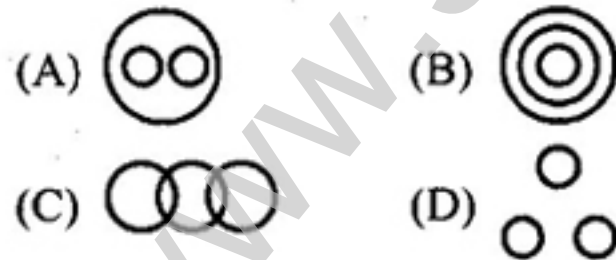**43.** Based on the diagrams what is the letter which is opposite to A ?

(A) B   (B) C

(C) D   (D) E

Directions : In Question Nos. **44 & 45**, identify the diagram that best represents the relationship among classes given below :

44. Singers, Boys, Dancers.

(A)   (B)

(C)   (D)

45. Ornaments, Gold, Silver.

(A)   (B)

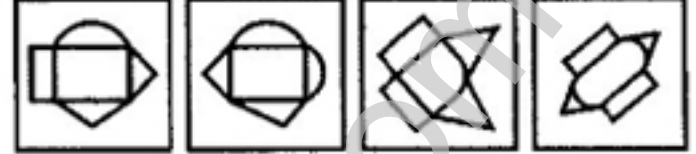(C)   (D)

46. Identify the answer figure from which the piece given in question figure has been cut.

Question Figure :

Answer Figures :

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

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

Question Figure :
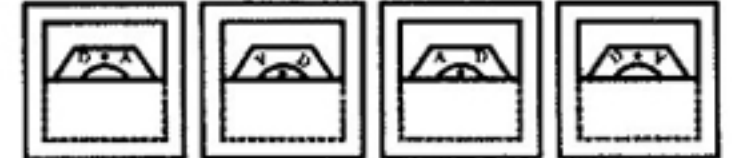

Answer Figures :

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

48. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

Question Figure :

Answer Figures :

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

SPACE FOR ROUGH WORK

49. Choose the alternative which most closely resembles the mirror-image of the given combination.

DANIEL

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

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., 'I' can be represented by 13, 21, etc and 'B' can be represented by 57, 65 etc. Similarly, you have to identify the set for the word given in question.

'FADE'

MATRIX – I					
	0	1	2	3	4
0	I	E	A	O	U
1	A	O	U	I	E
2	E	I	O	U	A
3	O	U	E	A	I
4	U	A	I	E	O

MATRIX – II					
	5	6	7	8	9
5	F	D	B	G	H
6	B	G	H	F	D
7	D	F	G	H	B
8	G	H	D	B	F
9	H	B	F	G	D

(A) 76, 02, 75, 32   (B) 68, 20, 57, 14
(C) 55, 33, 65, 23   (D) 89, 10, 96, 41

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

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

42. Pen : ink : : _____
    (A) Doctor : coat   (B) Tank : petrol
    (C) Police : gun   (D) Fisherman : net

43. Coconut : Shell : : Letter : ?
    (A) Letter-box   (B) Stamp
    (C) Mail   (D) Envelope

44. AJT : CMW : : EJO : ?
    (A) GMQ   (B) GLR
    (C) GLQ   (D) GKS

45. 393 : 857 : : 467 : ?
    (A) 468   (B) 526
    (C) 483   (D) 589

Directions : In Question Nos. **46** to **49**, find the odd number/letters/pair from the given alternatives.

46. (A) Snake   (B) Whale
    (C) Crocodile   (D) Lizard

47. (A) Hurricane   (B) Explosion
    (C) Earthquake   (D) Tsunami

48. (A) 631   (B) 862
    (C) 530   (D) 357

49. (A) Dholak   (B) Madal
    (C) Mridanga   (D) Tabla

50. Find the odd one in the series :
    4, 9, 19, 34, 79
    (A) 34   (B) 79
    (C) 9   (D) 19

SPACE FOR ROUGH WORK

Part – II
ENGLISH LANGUAGE

Directions : In Question Nos. **51** to **60**, 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.

Rajan is a salesman. He goes from door to door **51** vacuum cleaners. On his first day of work, he **52** to sell his goods by **53** on the doors of a private housing estate. "My first **54**," he thought as he **55** the doorbell of the first house. A middle-aged woman with curlers in her hair opened the door. Rajan began to **56** who he was and the **57** he was selling. The **58** minute, the door was **59** shut. "Not interested !" John heard her shout **60** the closed door.

51. (A) purchasing   (B) buying
    (C) gifting   (D) selling

52. (A) decided   (B) undecided
    (C) finalized   (D) cancelled

53. (A) hacking   (B) knocking
    (C) breaking   (D) shaking

54. (A) consumer
    (B) customer
    (C) supplier
    (D) manufacturer

55. (A) pressed   (B) impressed
    (C) depressed   (D) suppressed

56. (A) complain   (B) explain
    (C) refrain   (D) plain

57. (A) produce   (B) material
    (C) product   (D) ingredients

58. (A) after   (B) before
    (C) next   (D) subsequent

59. (A) slammed   (B) damned
    (C) tamed   (D) crammed

60. (A) before   (B) on
    (C) aside   (D) behind

Directions : In Question Nos. **61** to **65,** 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.

61. $\underset{(A)}{\underline{\text{Every citizen is}}}$ / $\underset{(B)}{\underline{\text{entitled to}}}$ /

$\underset{(C)}{\underline{\text{the voting.}}}$ / $\underset{(D)}{\underline{\text{No error}}}$

62. $\underset{(A)}{\underline{\text{The collector}}}$ /

$\underset{(B)}{\underline{\text{visits the office regularly.}}}$ / $\underset{(C)}{\underline{\text{Isn't it ?}}}$ /

$\underset{(D)}{\underline{\text{No error}}}$

63. $\underset{(A)}{\underline{\text{No sooner did the rabbit}}}$ /

$\underset{(B)}{\underline{\text{come out of the bush}}}$ /

$\underset{(C)}{\underline{\text{when the hunter killed it.}}}$ / $\underset{(D)}{\underline{\text{No error}}}$

64. $\underset{(A)}{\underline{\text{'The Arabian Nights'}}}$ / $\underset{(B)}{\underline{\text{are enjoyed}}}$ /

$\underset{(C)}{\underline{\text{by all kinds of readers.}}}$ / $\underset{(D)}{\underline{\text{No error}}}$

65. $\underset{(A)}{\underline{\text{She has not completed}}}$ / $\underset{(B)}{\underline{\text{her course}}}$, /

$\underset{(C)}{\underline{\text{Isn't it ?}}}$ / $\underset{(D)}{\underline{\text{No error}}}$

Directions : In Question Nos. **66** to **70,** sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four and indicate it by blackening the appropriate oval [●] in the Answer Sheet.

66. His path was beset _____ difficulties.

    (A) by   (B) with

    (C) of   (D) from

67. The plan is worth considering, think it _____ carefully.

    (A) of   (B) on

    (C) off   (D) over

68. The priest was innocent _____ he could not prove it.

    (A) and   (B) but

    (C) for   (D) so

69. Many people who _____ practising photography as a hobby turn it eventually into a livelihood.

    (A) resume   (B) prefer

    (C) imply   (D) start

70. She is _____ of lizards.

    (A) fearful   (B) frightened

    (C) afraid   (D) terrified

Directions : In Question Nos. **71** to **75**, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

71. Fluent
    - (A) Inappropriate
    - (B) Halting
    - (C) Degrading
    - (D) Insensitive

72. Adversity
    - (A) Prosperity
    - (B) Curiosity
    - (C) Animosity
    - (D) Sincerity

73. Reluctant
    - (A) Hesitant
    - (B) Reserved
    - (C) Anxious
    - (D) Willing

74. Novel
    - (A) Naughty
    - (B) Novelist
    - (C) Banal
    - (D) Nasty

75. Eloquent
    - (A) Elegant
    - (B) Lucid
    - (C) Articulate
    - (D) Inarticulate

Directions : In Question Nos. **76** to **80**, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

76. Forsaken
    - (A) Nurtured
    - (B) Neglected
    - (C) Pardoned
    - (D) Abandoned

77. Vivacious
    - (A) Lonely
    - (B) Lively
    - (C) Beautiful
    - (D) Brooding

78. Amiable
    - (A) Rude
    - (B) Curt
    - (C) Friendly
    - (D) Annoyed

79. Curious
    - (A) Doubtful
    - (B) Inquisitive
    - (C) Sad
    - (D) Suspicious

80. Candid
    - (A) Honest
    - (B) Greedy
    - (C) Dishonest
    - (D) Secretive

Directions : In Question Nos. **81** to **85**, 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.

81. His argument does not <u>hold water</u>.
    - (A) to have effect
    - (B) to influence
    - (C) to check the flow of water
    - (D) sound logical fact

82. It was her <u>maiden speech</u> on the stage and she performed well.
    - (A) unprepared speech
    - (B) sudden speech
    - (C) primary speech
    - (D) first speech

83. The detective went abroad in search of a culprit but his journey proved to be <u>a wild goose chase</u>.
    - (A) expensive
    - (B) full of difficulties
    - (C) unprofitable adventure
    - (D) ill advised

84. <u>A close shave</u>.
    - (A) A narrow escape from danger
    - (B) Stubble
    - (C) Very short hair
    - (D) Hairless skin

85. Please be as brief as you can, I have <u>other fish to fry</u>.
    - (A) to cook the food
    - (B) to take rest
    - (C) some important work to attend to
    - (D) to attend the friends

Directions : In Question Nos. **86** to **90**, 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.

86. Only me I can solve the problem.
    (A) Only me can
    (B) Only I can
    (C) I can only
    (D) No improvement.

87. They congratulated me for my victory in the debate competition.
    (A) about
    (B) at
    (C) on
    (D) No improvement.

88. When the little girl losses her doll, she began to cry.
    (A) losing her doll
    (B) loss her doll
    (C) lost her doll
    (D) No improvement.

89. I brushed my teeth every day at 7 O'clock in the morning.
    (A) I brushes my teeth every day at 7 O'clock in the morning.
    (B) I brush my teeth every day at 7 O'clock in the morning.
    (C) I brush my tooth every day at 7 O'clock in the morning.
    (D) No improvement.

90. More than 60% of India's population live under the poverty line.
    (A) live by the poverty line
    (B) live below poverty line
    (C) live beside the poverty line
    (D) No improvement.

Directions : In Question Nos. **91** to **95**, out of the four alternatives choose the one which can be substituted for the given words/sentence.

91. A book written by an unknown author
    (A) Anonymous   (B) Acrimonious
    (C) Audacious   (D) Assiduous

92. An event that causes great harm or dams
    (A) Problem   (B) Disaster
    (C) Pain   (D) Relief

93. Beyond Correction
    (A) Inverterate   (B) Glib
    (C) Incorrigible   (D) Incongruous

94. Widespread scarcity of food
    (A) Hunger   (B) Drought
    (C) Poverty   (D) Famine

95. Inflammation of gums
    (A) Gangerene   (B) Gingivitis
    (C) Conjunctivitis   (D) Orchitis

Directions : In Question Nos. **96** to **100**, 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.

96. (A) fortuneate   (B) fortuneit
    (C) forchunate   (D) fortunate

97. (A) misfourtune
    (B) miscelaneous
    (C) misdemenour
    (D) misspell

98. (A) nuisense   (B) nuisanse
    (C) nuissance   (D) nuisance

99. (A) saimultaneous
    (B) simultaenous
    (C) simultaneous
    (D) simultanious

100. (A) honourarium
     (B) honorarium
     (C) honouerium
     (D) honourrarium

Part – III
QUANTITATIVE APTITUDE

101. In a $\triangle ABC$, if $2\angle A = 3\angle B = 6\angle C$, value of $\angle B$ is

(A) 60° (B) 30° (C) 45° (D) 90°

102. If $\sec\theta + \tan\theta = 4$, $(\theta \neq 90°)$, then the value of $\cos\theta$ is

(A) 0   (B) $\dfrac{8}{17}$ (C) $\dfrac{17}{8}$ (D) $\dfrac{4}{5}$

103. Two circles touches externally at P. QR is a common tangent of the circles touching the circles at Q and R. Then measure of $\angle QPR$ is

(A) 60° (B) 30° (C) 90° (D) 45°

104. If in a triangle ABC, D & E are on the sides AB and AC, such that, DE is parallel to BC and $\dfrac{AD}{BD} = \dfrac{3}{5}$.

If AC = 4 cm, then AE is

(A) 1.5 cm   (B) 2.0 cm

(C) 1.8 cm   (D) 2.4 cm

105. If $x = 997$, $y = 998$ and $z = 999$, then the value of $x^2 + y^2 + z^2 - xy - yz - zx$ is

(A) 0 (B) 1 (C) -1 (D) 3

106. If $2\left(x^2 + \dfrac{1}{x^2}\right) - \left(x - \dfrac{1}{x}\right) - 7 = 0$, then two values of x are

(A) 1, 2   (B) $2, -\dfrac{1}{2}$

(C) 0, 1   (D) $\dfrac{1}{2}, 1$

107. In a $\triangle ABC$, $\angle A + \angle B = 70°$ and $\angle B + \angle C = 130°$, value of $\angle A$ is

(A) 20°   (B) 50°

(C) 110°   (D) 30°

108. If $\sqrt{.05 \times .5 \times a} = .5 \times .05 \times \sqrt{b}$, then $\dfrac{a}{b}$ is equal to

(A) .0025   (B) .025

(C) .25   (D) .00025

109. If X is 20% less than Y, then find $\dfrac{Y-X}{Y}, \dfrac{X}{X-Y}$

(A) $\dfrac{1}{5}, -4$ (B) $5, -\dfrac{1}{4}$

(C) $\dfrac{2}{5}, -\dfrac{5}{2}$ (D) $\dfrac{3}{5}, -\dfrac{5}{3}$

110. A person has three iron bars whose lengths are 10, 15 and 20 metres respectively. He wants to cut pieces of same length from each of the three bars. What is the least number of total pieces if he is to cut without any wastage ?

(A) 45 (B) 15 (C) 9 (D) 30

111. The 12th term of the series

$$\dfrac{1}{x} + \dfrac{x+1}{x} + \dfrac{2x+1}{x} + \dots\dots$$

(A) $\dfrac{11x+1}{x}$ (B) $\dfrac{12x+1}{x}$

(C) $\dfrac{x+12}{x}$ (D) $\dfrac{x+11}{x}$

112. The value of $\dfrac{4 - \sqrt{0.04}}{4 + \sqrt{0.4}}$ is close to

(A) 0.4 (B) 0.8 (C) 1.0 (D) 1.4

SPACE FOR ROUGH WORK

113. An elephant of length 4 m is at one corner of a rectangular cage of size (16 m × 30 m) and faces towards the diagonally opposite corner. If the elephant starts moving towards the diagonally opposite corner it takes 15 seconds to reach this corner. Find the speed of the elephant.
(A) 1 m/sec   (B) 2 m/sec
(C) 1.87 m/sec   (D) 1.5 m/sec

114. A shopkeeper allows a rebate 12% on the marked price of an article such that the selling price is ₹ 440. Then the marked price of the article is
(A) ₹ 490   (B) ₹ 500
(C) ₹ 600   (D) ₹ 550

115. 40 men can complete a work in 18 days. Eight days after they started working together, 10 more men joined them. How many days will they now take to complete the remaining work ?
(A) 6   (B) 8   (C) 10   (D) 12

116. 16 women take 12 days to complete a work which can be completed by 12 men in 8 days. 16 men started working and after 3 days 10 men left and 4 women joined them. How many days will it take them to complete the remaining work ?
(A) 4   (B) 6   (C) 8   (D) 10

117. The area of an equilateral triangle is 48 sq. cm. The length of the side is
(A) $\sqrt{8} \times 4$ cm   (B) $4\sqrt{3}$ cm
(C) 8 cm   (D) 16 cm

118. A cricketer whose bowling average is 12.4 runs per wicket, takes 5 wickets for 26 runs and thereby decreases his average by 0.4. The number of wickets taken by him till the last match was
(A) 64 (B) 72 (C) 80 (D) 85

119. The average monthly income of P and Q is ₹ 5,050. The average monthly income of Q and R is ₹ 6,250 and the average monthly income of P and R is ₹ 5,200. The monthly income of P is
(A) ₹ 3,500   (B) ₹ 4,000
(C) ₹ 4,050   (D) ₹ 5,000

120. Mr. Y purchased a flat for ₹ 9,25,000 and spent ₹ 35,000 for its renovation. If he sold the flat for ₹ 10,80,000, then his profit percent is
(A) 15.0   (B) 17.5
(C) 20.0   (D) 12.5

121. A tradesman marks his goods at 25 p.c. above the cost price. If he reduces the marked price by $12\frac{1}{2}$ p.c., then his profit will be
(A) $9\frac{3}{8}$ p.c.   (B) $7\frac{3}{5}$ p.c.
(C) $6\frac{3}{8}$ p.c.   (D) $5\frac{1}{3}$ p.c.

122. If A : B = 7 : 9 and B : C = 3 : 5, then A : B : C is equal to
(A) 7 : 9 : 5   (B) 21 : 35 : 45
(C) 7 : 9 : 15   (D) 7 : 3 : 15

123. Three numbers are in the ratio 1 : 2 : 3 and their H.C.F. is 12. The numbers are
(A) 4, 8, 12   (B) 5, 10, 15
(C) 10, 20, 30   (D) 12, 24, 36

SPACE FOR ROUGH WORK

124. A motorist travels along the boundary of a square field of area 1476225 m², at 36 km/hr. He returns to starting point in
    (A) 8 min, 8 sec (B) 6 min, 8 sec
    (C) 8 min, 6 sec (D) 6 min, 6 sec

125. A sum of ₹ 800 amounts to ₹ 920 in 3 years at the simple interest rate. If the rate is increased by 3% p.a., what will be the sum amount to in the same period ?
    (A) ₹ 992 (B) ₹ 962
    (C) ₹ 942 (D) ₹ 982

126. Each edge of a regular tetrahedron is 4 cm. Its volume (in cubic cm) is
    (A) $\dfrac{16\sqrt{3}}{3}$ (B) $16\sqrt{3}$
    (C) $\dfrac{16\sqrt{2}}{3}$ (D) $16\sqrt{2}$

127. A table is sold at a profit of 13%. If it is sold for ₹ 25 more, profit is 18%. Cost price of table is
    (A) ₹ 100 (B) ₹ 500
    (C) ₹ 200 (D) ₹ 1,000

128. In an examination, 19% students fail in Mathematics and 10% students fail in English. If 7% of all students fail in both subjects, then the number of students passed in both subjects is
    (A) 36% of all students
    (B) 64% of all students
    (C) 71% of all students
    (D) 78% of all students

129. Mr. X spends 35% of his salary on food and 5% of his salary on children education. In January 2011, he spent ₹ 17,600 on these two items. His salary for that month is
    (A) ₹ 40,000 (B) ₹ 44,000
    (C) ₹ 48,000 (D) ₹ 46,000

130. If the radius of a cylinder is decreased by 50% and the height is increased by 50%, then the change in volume is
    (A) 52.5% (B) 67.5%
    (C) 57.5% (D) 62.5%

131. The simplified value of
    $$\frac{3\sqrt{2}}{\sqrt{3}+\sqrt{6}} - \frac{4\sqrt{3}}{\sqrt{6}+\sqrt{2}} + \frac{\sqrt{6}}{\sqrt{3}+\sqrt{2}} \text{ is}$$
    (A) $\sqrt{2}$ (B) $\dfrac{1}{\sqrt{2}}$
    (C) $\sqrt{3}-\sqrt{2}$ (D) 0

132. If $\left(a+\dfrac{1}{a}\right)^2 = 3$, then the value of $a^3 + \dfrac{1}{a^3}$ is
    (A) 0 (B) 1 (C) 2 (D) 6

133. If $a+\dfrac{1}{a} = \sqrt{3}$, then the value of $a^{18} + a^{12} + a^6 + 1$ is
    (A) 0 (B) 1 (C) −1 (D) 4

134. If the numerical value of the circumference and area of a circle is same, then the area is
    (A) 6π sq. unit (B) 4π sq. unit
    (C) 8π sq. unit (D) 12π sq. unit

135. The median of an equilateral triangle is $6\sqrt{3}$ cm. The area (in cm²) of the triangle is
    (A) 72 (B) 108
    (C) $72\sqrt{3}$ (D) $36\sqrt{3}$

136. If the perimeter of an equilateral triangle be 18 cm, then the length of each median is
    (A) $3\sqrt{2}$ cm (B) $2\sqrt{3}$ cm
    (C) $3\sqrt{3}$ cm (D) $2\sqrt{2}$ cm

SPACE FOR ROUGH WORK

137. The angle of elevation of sun changes from 30° to 45°, the length of the shadow of a pole decreases by 4 metres, the height of the pole is
$\left(\text{Assume } \sqrt{3} = 1.732\right)$
(A) 1.464 m   (B) 9.464 m
(C) 3.648 m   (D) 5.464 m

138. From an aeroplane just over a river, the angle of depression of two palm tree on the opposite bank of the river are found to be 60° and 30° respectively. If the breadth of the river is 400 metres, then the height of the aeroplane above the river at that instant is
$\left(\text{Assume } \sqrt{3} = 1.732\right)$
(A) 173.2 metres
(B) 346.4 metres
(C) 519.6 metres
(D) 692.8 metres

139. If θ is a positive acute angle and $\csc \theta = \sqrt{3}$, then the value of $\cot \theta - \csc \theta$ is
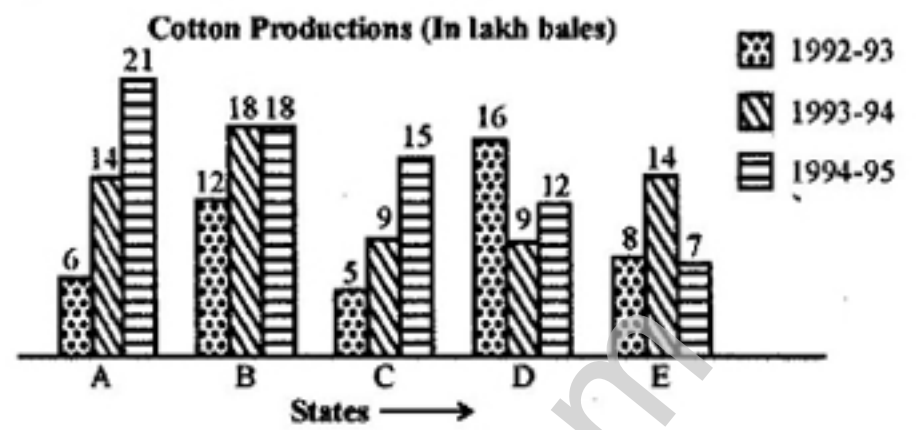(A) $\dfrac{3\sqrt{2} - \sqrt{3}}{3}$ (B) $\dfrac{\sqrt{2}\,(3 + \sqrt{3})}{3}$
(C) $\dfrac{\sqrt{2}\,(3 - \sqrt{3})}{3}$ (D) $\dfrac{3\sqrt{2} + \sqrt{3}}{3}$

140. If $0° < A < 90°$, then the value of $\tan^2 A + \cot^2 A - \sec^2 A \csc^2 A$ is
(A) 0   (B) 1   (C) 2   (D) -2

141. If α and β are positive acute angles, $\sin(4\alpha - \beta) = 1$ and $\cos(2\alpha + \beta) = \dfrac{1}{2}$, then the value of $\sin(\alpha + 2\beta)$ is
(A) 0   (B) 1   (C) $\dfrac{\sqrt{3}}{2}$ (D) $\dfrac{1}{\sqrt{2}}$

Study the graph carefully and answer the questions (142 to 145) given below it.

142. The production of state D in 1993-94 is how many times its production in 1994-95?
(A) 1.33   (B) 0.75
(C) 0.56   (D) 1.77

143. Which of the following statement is false?
(A) State A and E showed the same production in 1993-94.
(B) There was no improvement in the production of cotton in state B during 1994-95.
(C) State A has produced maximum cotton during the given period.
(D) Production of state C and D together is equal to that of state B during 1993-94.

144. How many states showing below average production in 1992-93 showed above average production in 1993-94?
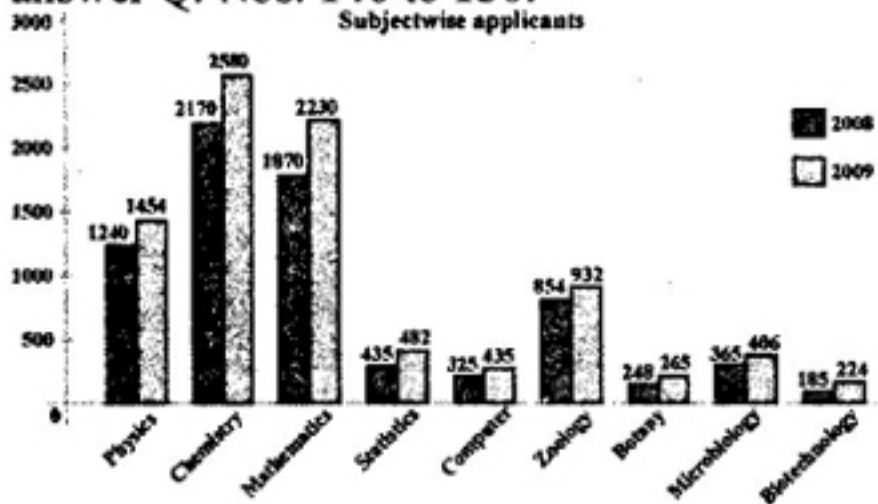(A) 4   (B) 2   (C) 3   (D) 1

145. What is the average production of the four states in the year 1994-95 taken together?
(A) 12.3   (B) 14.6
(C) 15.6   (D) 16.3

SPACE FOR ROUGH WORK

The subjectwise no. of applicants for the year 2008 and 2009 in a college is given in the following chart. Study the graph and answer Q. Nos. **146 to 150.**

Subjectwise applicants

146. The subject for which growing of demand is maximum is
(A) Chemistry (B) Mathematics
(C) Computer (D) Biotechnology

147. The subject for which growing of demand is minimum is
(A) Statistics (B) Zoology
(C) Botany (D) Microbiology

148. The number of Chemistry seeking applicants increased by
(A) 17.26% (B) 18.89%
(C) 19.25% (D) 21.08%

149. The number of Physics seeking applicants increased by
(A) 17.26% (B) 18.89%
(C) 19.25% (D) 21.08%

150. The number of Mathematics seeking applicants increased by
(A) 17.26% (B) 18.89%
(C) 19.25% (D) 21.08%

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

142. 70 cattle can graze a piece of land for 28 days. How many cattle can graze a field three times as large in 70 days ?
(A) 168 (B) 84 (C) 64 (D) 252

143. Five years ago, the ratio of A's age and B's age was 5 : 6. The ratio of their ages will be 7 : 8 after five years. The ratio of their present age is
(A) 6 : 7 (B) 4 : 3 (C) 7 : 6 (D) 3 : 4

144. If 10% of x = 20% of y, then x : y is equal to
(A) 1 : 2 (B) 3 : 1 (C) 2 : 1 (D) 1 : 4

145. A farmer borrowed ₹ 2,400 at 12% interest per annum. At the end of 2½ years he cleared his account by paying ₹ 1,200 and a cow. Then the cost of cow is ₹
(A) 720 (B) 3120 (C) 1920 (D) 2120

146. When the Sun's altitude increases from 45° to 60°, the shadow of the vertical post is diminished by 6 metres. The height (in metres) of the post is
$$\left(\text{Take } \sqrt{3} = 1.732\right)$$
(A) 7.608 (B) 9.464
(C) 14.196 (D) 28.392

147. The value of
$$1 + \frac{\sin^2 27°}{\sin^2 63°} - \frac{\cos^2 63°}{\cos^2 27°} \text{ is}$$
(A) 3/2 (B) 1/2 (C) 1 (D) 0

148. If $a^2 + b^2 + c^2 - ab - bc - ca = 0$, then a relation between a, b and c is
(A) $a + b = c$ (B) $a + b + c = 0$
(C) $b + c = a$ (D) $a = b = c$

149. If 10% of x = 15% of y = 20% of z, then x : y : z is
(A) 2 : 3 : 4 (B) 3 : 4 : 6
(C) 6 : 4 : 3 (D) 4 : 3 : 2

150. A road which is 7 metre wide surrounds a circular park whose circumference is 352 metre. The area of the road in square metre is
$$\left(\text{taking } \pi = \frac{22}{7}\right)$$
(A) 2518 (B) 2581
(C) 2618 (D) 2681

SPACE FOR ROUGH WORK

Part – IV
GENERAL AWARENESS

151. Winner of the Indira Gandhi Peace Prize 2013
   (A) Ela Bhatt
   (B) Angela Merkel
   (C) Lydia Davis
   (D) Christina Legarde

152. Pandit Shiv Kumar Sharma is an exponent of
   (A) Mandolin (B) Santoor
   (C) Sitar (D) Veena

153. Moortidevi Award is given annually in which of the following fields ?
   (A) Literature (B) Films
   (C) Journalism (D) Music

154. Nobel Prizes are distributed annually at
   (A) Manila (B) Stockholm
   (C) Geneva (D) New York

155. 'Freedom From Fear' is a book written by
   (A) Benazir Bhutto
   (B) Corazon Aquino
   (C) Aung San Suu Kyi
   (D) Nayantara Sehgal

156. Who is the author of the book 'Nineteen Eighty Four' ?
   (A) J.M. Barrie (B) Walter Scott
   (C) George Orwell (D) Thomas Hardy

157. The 28th Annual Lata Mangeshkar Samman Alankaran 2013 was conferred to
   (A) Sonu Nigam (B) Kailash Kher
   (C) Hariharan (D) A.R. Rahman

158. The Jawaharlal Nehru Port is located at
   (A) Paradip (B) Cochin
   (C) Mumbai (D) Kolkata

159. How many islands are there in Lakshadweep ?
   (A) 17 (B) 27
   (C) 36 (D) 47

160. Tagore Award for Cultural Harmony 2013 has been given to
   (A) Zubin Mehta
   (B) Narendra Kohli
   (C) Shalini Singh
   (D) Arvind Aadiga

161. The theory of "Maximum Social Advantage" in Public Finance was given by
   (A) Robbins (B) Musgrave
   (C) Findley (D) Dalten

162. The value of investment multiplier relates to
   (A) change in income due to change in autonomous investment.
   (B) change in autonomous investment due to change in income.
   (C) change in income due to change in consumption.
   (D) change in the income due to change in induced investment.

163. The internal rate of return
   (A) must be less than the interest rate if the firm is to invest.
   (B) makes the present value of profits equal to the present value of costs.
   (C) falls as the annual yield of an investment rises.
   (D) is equal to the market interest rate for all the firm's investment.

164. As the number of investments made by a firm increases, its internal rate of return
   (A) declines due to diminishing marginal productivity.
   (B) declines because the market rate of interest will fall, ceteris paribus.
   (C) increases to compensate the firm for the current consumption foregone.
   (D) increases because the level of savings will fall.

165. Capacity utilisation
   (A) is usually near 100 percent.
   (B) represents the percent of the labour force that is employed.
   (C) is a measure of the proportional of the existing capital stock used for current production.
   (D) rises as the economy moves into a recession, since firms must replace unemployed workers with some other resources to maintain production.

166. How many times was the Preamble of the Constitution amended ?
(A) Three times (B) Two times
(C) Once (D) Not amended

167. An ordinance issued by Governor is subject to approval by
(A) The President
(B) The State Legislature
(C) The State Council of Ministers
(D) The Parliament

168. Which rebellion in Bengal was highlighted by Bankim Chandra Chatterjee in his novel 'Anand Math' ?
(A) Chaur Uprising
(B) Sanyasi Rebellion
(C) Kol Uprising
(D) Santhal Uprising

169. Name the Greek Ambassador at the Mauryan Court.
(A) Alexander (B) Megasthanese
(C) Plato (D) Aristotle

170. When the rule of the Delhi Sultan began ?
(A) 1106 A.D (B) 1206 A.D
(C) 1306 A.D (D) 1406 A.D

171. Who introduced leather token currency in India ?
(A) Akbar
(B) Mohammad-Bin-Tughlaq
(C) Babur
(D) Humayun

172. When did the Constituent Assembly adopt National Anthem ?
(A) 25th January 1950
(B) 26th January 1950
(C) 24th January 1950
(D) 29th January 1950

173. The President of India is an integral part of the
(A) The Parliament
(B) The Lok Sabha
(C) Rajya Sabha
(D) Council of Ministers

174. Union Public Service Commission has to submit the report to the
(A) President (B) Parliament
(C) Lok Sabha (D) Rajya Sabha

175. The area which is resistant to any massive structural transformation is called
(A) rigid mass
(B) ancient landmass
(C) tectonic plate
(D) shield

176. Llanos are the grasslands of
(A) Guyana Highlands
(B) Brazillian Highlands
(C) Argentina
(D) Chile

177. The areas marked by internal drainage
(A) Plateau (B) Plains
(C) Deserts (D) Mountains

178. The space retaining life in any form is called
(A) Biomass (B) Biosphere
(C) Lithosphere (D) Hydrosphere

179. Rhizobium is a kind of
(A) Photosynthetic bacteria
(B) Symbiotic bacteria
(C) Parasitic bacteria
(D) Saprophytic bacteria

180. Who was the contemporary South Indian ruler of Harshavardhana ?
(A) Krishnadevaraya
(B) Pulakeshin II
(C) Mayuravarma
(D) Chikkadevaraja Wodeyar

181. Nappe is a kind of
(A) fluvial feature (B) folded structure
(C) erosional plain (D) delta region

182. The Panama Canal is different from the Suez Canal as it has
(A) Lock system
(B) Shorter route
(C) Busy route
(D) Less busy route

183. The best example of Polyembryony is
(A) Cocoa   (B) Capsicum
(C) Citrus   (D) Cycas

184. A moving neutron collides with a stationary α-particle. The fraction of the kinetic energy lost by the neutron is
(A) $\frac{1}{4}$ (B) $\frac{1}{16}$
(C) $\frac{9}{25}$ (D) $\frac{16}{25}$

185. Which of these waves can be polarized ?
(A) Sound waves in air
(B) Longitudinal waves on a string
(C) Transverse waves on a string
(D) Light waves

186. The unit of Planck's constant is
(A) Js   (B) Js^{-2}
(C) J/s   (D) Js^2

187. If a wire of resistance R is melted and recast to half of its length, then the new resistance of the wire will be
(A) R/4   (B) R/2
(C) R   (D) 2R

188. Hard copies can be obtained from
(A) Scanner   (B) Speaker
(C) Printer   (D) Recorder

189. A Parenchyma cell which stores ergastic substance is known as
(A) Phragmoblast (B) Idioblast
(C) Conidioplast (D) Chloroplast

190. Root Hairs arise from
(A) Cortex   (B) Pericycle
(C) Epidermis (D) Endodermis

191. The gametophyte is called prothallus in
(A) Pteridophyta   (B) Bryophyta
(C) Spermatophyta   (D) Thallophyta

192. A non-electronic conductor is
(A) Iron
(B) Gas Carbon
(C) Copper Sulphate
(D) Mercury

193. Which of the following will replace hydrogen from acids to form salts ?
(A) S   (B) Na
(C) Ag   (D) P

194. Which type of lake is formed by volcanic activities ?
(A) Lagoon
(B) Fresh water lake
(C) Cladera lake
(D) Karst lake

195. Green manure is obtained from
(A) Domestic vegetable waste
(B) Oil seed husk cakes
(C) Fresh animal excreta
(D) Decomposing green legume plants

196. The environment includes
(A) Abiotic factors
(B) Biotic factors
(C) Oxygen and Nitrogen
(D) Abiotic and Biotic factors

197. The temperate grasslands of North America are known as
(A) Pampas   (B) Downs
(C) Steppes (D) Prairies

198. In an E-R diagram, ellipse represents
(A) relation (B) entity
(C) fields   (D) key

199. Chemical name of common salt is
(A) Sodium Chloride
(B) Sodium Bicarbonate
(C) Sodium
(D) Sodium Oxide

200. Which one of the following mineral does not contain oxygen ?
(A) Haematite (B) Bauxite
(C) Cryolite   (D) Calcite