Staff Selection Commission

Multi-Tasking (Non-Technical) Staff Exam-2016 (Paper-I)

Held on: 30-04-2017

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

Booklet Serial No. / प्रश्न-पत्र क्रमांक

AM 2017

Time Allowed : 2 Hours (For V.H. / Cerebral Palsy Candidates : 2 hrs. 40 min.) *Maximum Marks : 150*
निर्धारित समय : **2 घंटे** (दृष्टिबाधित/सेरिब्रल पाल्सी उम्मीदवारों के लिए : **2 घंटे 40 मिनट**) अधिकतम अंक : **150**

Read the following instructions carefully before you begin to answer the questions. This Booklet contains questions in English as well as in Hindi language.

प्रश्नों के उत्तर देने से पहले निम्नलिखित अनुदेशों को ध्यान से पढ़ लें । इस पुस्तिका में प्रश्न अंग्रेज़ी तथा हिन्दी दोनों भाषा में दिए गए हैं ।

INSTRUCTIONS TO CANDIDATES

1. This Booklet contains **150** questions in all comprising the following **four** parts :
   Part A : General Intelligence & Reasoning (25 Questions)
   Part B : Numerical Aptitude (25 Questions)
   Part C : General English (50 Questions)
   Part D : 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 (1-24) 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 Booklet Serial 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. In the Answer-Sheet there may be space [circle (●)] for 200 questions, i.e. from 1 to 200. However, candidates are required to utilize only the space [circle (●)] corresponding to question numbers given in Question Booklet, i.e. from 1 to 150, to mark their answers. The answers marked in the Answer-Sheet in the space [circle (●)] beyond 150 will not be evaluated under any circumstances. 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 are 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 circles in 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.**
11. The manner in which the different questions are to be answered has been explained at the back of this Booklet (Page No. 24), which you should read carefully before actually answering the questions.
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 Questions No. 19 to 25 and 49 and 50 relating to figural portions, alternate questions have been provided to be attempted by V.H./Cerebral Palsy 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 A and Part B 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 **150** प्रश्न हैं, जिनमें निम्नलिखित **चार** भाग शामिल हैं :
   भाग क : सामान्य बुद्धिमत्ता एवं तर्कशक्ति (25 प्रश्न)
   भाग ख : संख्यात्मक अभिरुचि (25 प्रश्न)
   भाग ग : सामान्य अंग्रेज़ी (50 प्रश्न)
   भाग घ : सामान्य जानकारी (50 प्रश्न)
2. अंग्रेज़ी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विसंगति होने की स्थिति में अंग्रेज़ी विवरण मान्य होगा ।
3. सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं ।
4. *प्रश्न-पत्र में नकारात्मक अंकन होगा । हर ग़लत 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 (1-24) हैं तथा कोई पृष्ठ कम या दुबारा तो नहीं आ गया है । यदि आप इस पुस्तिका में कोई त्रुटि पाएँ, तो *तत्काल* इसके बदले दूसरी पुस्तिका ले लें ।
6. निरीक्षक द्वारा आपको उत्तर-पत्रिका अलग से दी जाएगी । उत्तर-पत्रिका में नियमावली के अनुसार ध्यानपूर्वक अपना *नाम, अनुक्रमांक, टिकट नम्बर और प्रश्न-पत्र क्रमांक* अवश्य लिखें । प्रश्नों के उत्तर वास्तव में शुरू करने से पहले उत्तर-पत्रिका पर निर्धारित स्थान में आप अपने हस्ताक्षर एवं बाएँ हाथ के अंगूठे का निशान भी अवश्य लगाएँ । उत्तर-पत्रिका में 200 प्रश्नों, अर्थात्, 1 से 200 तक, के लिए जगह [गोलाकार खाने (●)] हो सकती है । तथापि, उम्मीदवार को अपने उत्तर अंकित करने के लिए केवल प्रश्न-पुस्तिका में दिए गए प्रश्न संख्या के अनुरूप, अर्थात्, 1 से 150 तक, जगह [गोलाकार खाने (●)] का उपयोग करना है । उत्तर-पत्रिका में 150 के बाद वाली जगह [गोलाकार खाने (●)] में अंकित किए गए उत्तर का किसी भी परिस्थिति में मूल्यांकन नहीं किया जाएगा । 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 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 ।)
7. उत्तर-पत्रिका में सभी उत्तर प्रश्न संख्या के सामने दिए गए सम्बन्धित गोलाकार खानों को केवल काले/नीले बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ । जो गोलाकार खाने काले/नीले बॉल-पॉइंट पेन से नहीं भरे जाएँगे, 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 प्रपत्र में दी गई सूचना से भिन्न है, तो ऐसे उम्मीदवार को *'शून्य'* अंक दिया जाएगा ।
9. परीक्षा भवन छोड़ने से पहले उम्मीदवार को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी 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 24) में छपे हुए निर्देशों में दे दी गई है, इसे आप प्रश्नों के उत्तर देने से पहले ध्यानपूर्वक पढ़ लें ।
12. प्रश्नों के उत्तर जितनी जल्दी हो सके ध्यानपूर्वक दें । कुछ प्रश्न आसान तथा कुछ कठिन हैं । किसी एक प्रश्न पर बहुत अधिक समय न लगाएँ ।
13. आकृति से सम्बन्धित प्रश्न संख्या 19 से 25 तथा 49 और 50 के बदले में केवल दृष्टिबाधित/सेरिब्रल पाल्सी 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 इस पुस्तिका के भाग क और भाग ख के प्रश्नों के नीचे दिया गया है ।
15. "परीक्षा हॉलों/कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं । उम्मीदवार 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 तब तक न खोलें जब तक कहा न जाए

PART A : GENERAL INTELLIGENCE & REASONING

Directions : In questions no. 1 to 4, select the related word/letters/number from the given alternatives.

1. STAR : TSRA : : ROSE : ?
   (A) ORES.   (B) ESOR
   (C) SORE   (D) ORSE

2. Cricket : Pitch : : ? : ?
   (A) Wrestling : Track   (B) Boxing : Ring
   (C) Ship : Dock   (D) Boat : Harbour

3. Nose : Face : : Finger : ?
   (A) Body   (B) Arm
   (C) Hand   (D) Palm

4. 9 : 8 : : 16 : ?
   (A) 17   (B) 14
   (C) 27   (D) 18

Directions : In questions no. 5 to 7, find the odd word/letters/number from the given alternatives.

5. (A) 17   (B) 19
   (C) 13   (D) 15

6. (A) Pen   (B) Paper
   (C) Marker   (D) Highlighter

7. (A) PRST   (B) MLNO
   (C) ACDE   (D) HJKL

8. Which one of the given responses would be a meaningful order of the following ?
   1. Key   2. Door
   3. Lock   4. Room
   (A) 1, 2, 3, 4   (B) 1, 3, 2, 4
   (C) 1, 2, 4, 3   (D) 4, 2, 1, 3

Directions : In questions no. 9 and 10, a series is given with one term missing. Out of the four alternatives, choose the alternative that will complete the series.

9. 6, 12, 20, 30, 42, ?
   (A) 52   (B) 56
   (C) 50   (D) 53

10. BDF, CFI, DHL, ?
    (A) EJO   (B) EMI
    (C) CJM   (D) EIM

11. From the given alternatives select the word which **cannot** be formed using the letters of the given word :
    ORIENTAL
    (A) LATIN   (B) RIOT
    (C) RENT   (D) TALENT

12. If 'MOHAN' is coded as 'KMFYL,' then 'COUNT' will be coded as
    (A) MSLAR   (B) SAMLR
    (C) MASRL   (D) AMSLR

13. Some equations are solved on the basis of a certain system. Find out the correct answer for the unsolved equation on that basis.
    $9 * 8 = 63$, $7 * 8 = 49$, $5 * 6 = 25$, $11 * 7 = ?$
    (A) 70   (B) 66
    (C) 121   (D) 77

14. If '+' means '×', '−' means '+', '×' means '÷' and '÷' means '−', then $12 \times 2 + 6 - 7 \div 5 = ?$
    (A) 39   (B) 40
    (C) 37   (D) 38

15. Find the missing number from the given responses.

8	7	9
4	5	6
9	6	?
288	210	162

    (A) 8   (B) 7
    (C) 3   (D) 4

16. The present ages of Vikas and Sujit are in the ratio of 5 : 4 respectively. Three years hence, the ratio of their ages will become 11 : 9 respectively. What is Sujit's present age in years ?
    (A) 24   (B) 18
    (C) 27   (D) 6

SPACE FOR ROUGH WORK

17. 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 can definitely be drawn from the given statements. Indicate your answer.

Statements :
   All men are aggressive.
   All children are aggressive.

Conclusions :
I.   Men are children.
II. Children are men.

(A) Both conclusion I and conclusion II follow

(B) Neither conclusion I nor conclusion II follows

(C) Only conclusion I follows

(D) Only conclusion II follows

18. A man walks from a point towards south. He turns right at right angle, then again turns right at right angle. In what direction is he walking now ?

(A) North   (B) South

(C) East   (D) West

19. From the given answer figures, select the one in which the question figures are hidden/embedded.

Question figures :
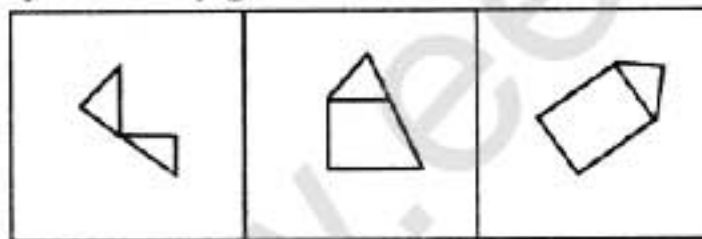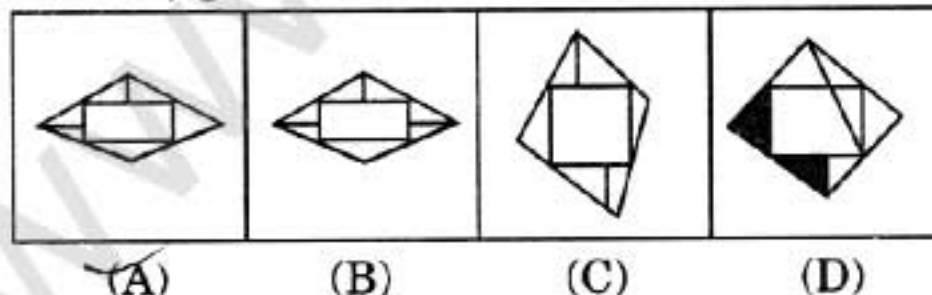
Answer figures :
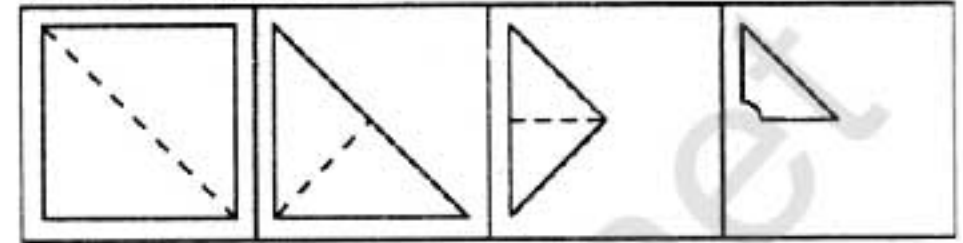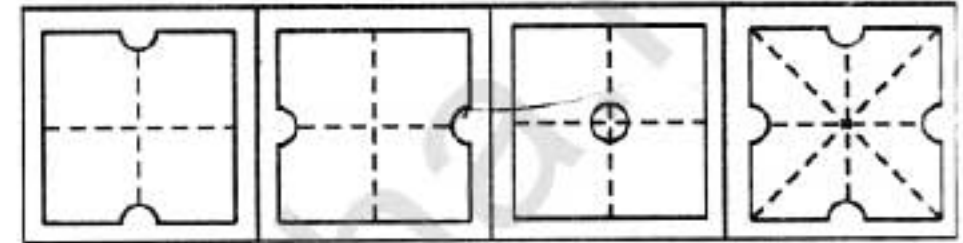

   (A)   (B)   (C)   (D)

20. 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 :
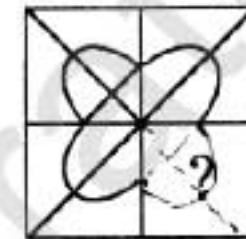

   (A)   (B)   (C)   (D)

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

Question figure :

Answer figures :
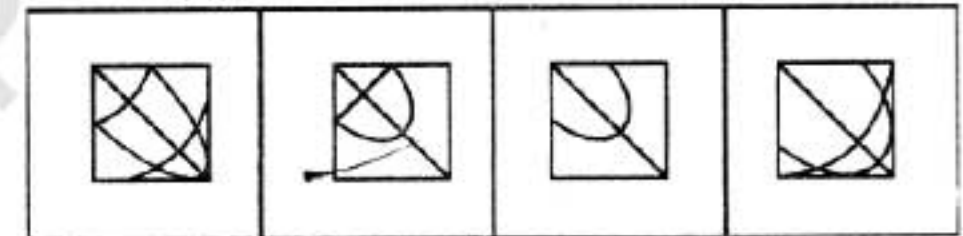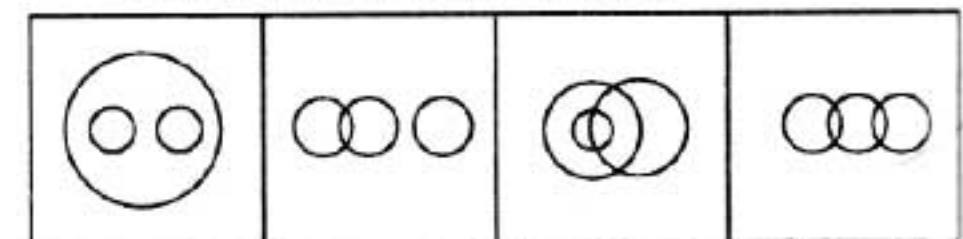

   (A)   (B)   (C)   (D)

22. Which of the following diagrams correctly represents the relationship amongst
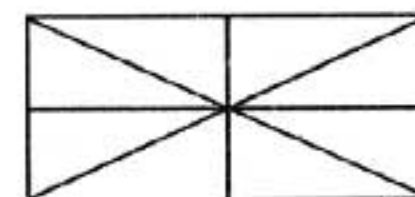
   Tiger, Elephant, Animal ?

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

23. How many rectangles are there in the given figure ?

(A) 5   (B) 9
(C) 4   (D) 8

SPACE FOR ROUGH WORK

24. 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 the 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., 'E' can be represented by 04, 21, etc., and 'P' can be represented by 56, 79, etc. Similarly, you have to identify the set for the word 'MAXI'.
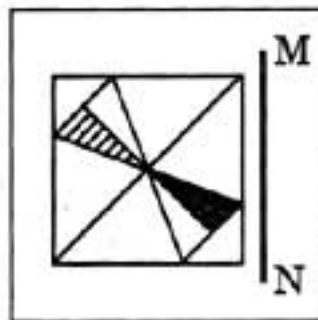
Matrix I

	0	1	2	3	4
0	A	R	B	C	E
1	T	H	S	E	R
2	R	E	H	D	S
3	S	D	T	O	C
4	E	B	O	R	A

Matrix II

	5	6	7	8	9
5	K	P	I	L	M
6	X	W	Z	M	G
7	F	I	K	X	P
8	G	N	F	L	W
9	N	P	X	Z	L

(A) 68, 00, 65, 76   (B) 86, 66, 56, 67

(C) 67, 65, 44, 75   (D) 76, 56, 34, 57

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

Question figure :

Answer figures :
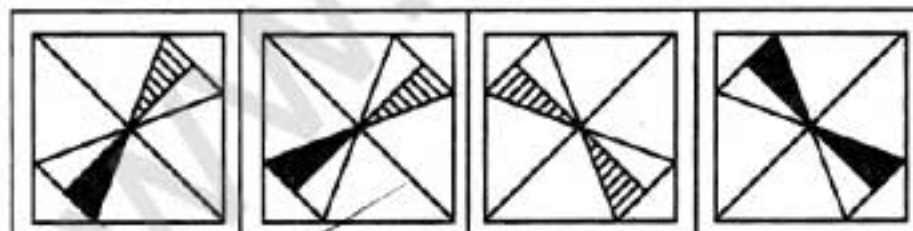
(A)   (B)   (C)   (D)

FOR VISUALLY HANDICAPPED / CEREBRAL PALSY CANDIDATES ONLY

19. If Wednesday was the first day of January, 2014, what was the last day of that year ?

(A) Wednesday   (B) Monday

(C) Thursday   (D) Tuesday

20. Five men A, B, C, D and E read a newspaper. The one who reads first gives it to C. The one who read last had taken it from A. E was neither the first nor the last to read. There were two readers between B and A. B passed the newspaper to whom ?

(A) D   (B) E

(C) A   (D) C

21. Arrange the following words as in the dictionary and choose the third in order :

Scope, Sceptile, Septic, Scapegoat, Scrap-book

(A) Scapegoat   (B) Scope

(C) Septic   (D) Scrap-book

22. In a line of boys, Shyam's position from the left is 17th and from the right is 19th. How many boys are there in the line ?

(A) 34   (B) 37

(C) 36   (D) 35

23. A woman introduces a man as the son of the brother of her mother. How is the man related to the woman ?

(A) Uncle   (B) Cousin

(C) Nephew   (D) Son

24. Select the number which does *not* belong to the given series :

     3, 9, 18, 30, 44, 63, 84

(A) 44   (B) 18

(C) 30   (D) 63

25. C is younger than D. A is older than B but younger than C. If D is younger than E but older than A, then who is at the third position in order of increasing age ?

(A) C   (B) B

(C) E   (D) D

SPACE FOR ROUGH WORK

PART B : NUMERICAL APTITUDE

26. The speeds of three cars are in the ratio of 1 : 3 : 5. The ratio among the time taken by these cars to travel the same distance is

   (A) 15 : 3 : 5   (B) 15 : 5 : 3

   (C) 5 : 3 : 1   (D) 3 : 5 : 15

27. ₹ 1,980 is divided among A, B and C so that half of A's part, one-third of B's part and one-sixth of C's part are equal. Then B's part is

   (A) ₹ 660   (B) ₹ 1,080

   (C) ₹ 360   (D) ₹ 540

28. What was the rate of discount if a computer with marked price ₹ 30,000 was sold for ₹ 28,000 ?

   (A) $7\frac{1}{2}$ %   (B) $6\frac{2}{3}$ %

   (C) 15%   (D) 20%

29. A trader marks the sale price 25% more on cost price and gives a 10% discount at the time of selling. The gain percent is

   (A) $12\frac{1}{3}$ %   (B) $11\frac{1}{2}$ %

   (C) 12%   (D) $12\frac{1}{2}$ %

30. Peter bought an item at 20% discount on its original price. He sold it with 40% increase on the price he bought it. The new sale price is greater than the original price (in percent) by

   (A) 8   (B) 7·5

   (C) 12   (D) 10

31. The height of a right circular cylinder is three times the radius of the base. If the height were four times the radius, the volume would be 1078 cc more than it was previously. Find the radius of the base.

   (A) 5 cm   (B) 7·5 cm

   (C) 7 cm   (D) 6 cm

32. There are 222 red balls in a basket. A boy takes out 6 red balls from it and replaces them by 12 white balls. He continues to do so till all the red balls are replaced by white balls. Determine the number of white balls put in the basket.

   (A) 111   (B) 333

   (C) 222   (D) 444

33. The least number to be subtracted from 16800 to make it a perfect square is

   (A) 219   (B) 159

   (C) 249   (D) 169

34. A can do a piece of work in 30 days while B can do it in 40 days. In how many days can A and B working together do it ?

   (A) $27\frac{1}{7}$ days   (B) $17\frac{1}{7}$ days

   (C) 70 days   (D) $42\frac{3}{4}$ days

35. 3 men and 5 women can do a work in 14 days while 5 men can do it in 14 days. 5 men and 5 women can complete the work in

   (A) 11 days   (B) 10 days

   (C) 12 days   (D) 13 days

36. Three small lead spheres of radii 3 cm, 4 cm and 5 cm respectively, are melted into a single sphere. The diameter of the new sphere is

   (A) 7 cm   (B) 8 cm

   (C) 12 cm   (D) 6 cm

SPACE FOR ROUGH WORK

37. An examinee has to secure 40% marks to pass an examination. He secures 180 marks and fails by an equal number of marks. The total number of marks in the examination is

(A) 1000   (B) 1050

(C) 800   (D) 900

38. The monthly salary of Mr. Sachdev gets increased by 5%, thereby his salary becomes ₹ 15,120 per annum. His earlier monthly salary (before the increase) was

(A) ₹ 1,200   (B) ₹ 1,240

(C) ₹ 1,440   (D) ₹ 1,320

39. Two trains of equal length are running on parallel lines in the same direction at 46 km/hour and 36 km/hour. The faster train passes the slower train in 36 seconds. The length of each train is

(A) 80 m   (B) 82 m

(C) 50 m   (D) 72 m

40. A man walking at 3 km/hour crosses a square field diagonally in 2 minutes. The area of the field (in square metres) is

(A) 5000   (B) 6000

(C) 2500   (D) 3000

41. A shopkeeper sold one-third of his goods at a loss of 15%. To get a profit of 10% on the whole transaction, he should sell the remaining articles at a profit of

(A) $16\frac{2}{3}\%$ (B) 15%

(C) 25%   (D) $22\frac{1}{2}\%$

42. Rahul buys a book for ₹ 400 and sells it for ₹ 500. The difference between his profit as a percentage of the buying price and then as a percentage of the selling price is

(A) 5%   (B) 0%

(C) 20%   (D) 25%

43. A, B and C invested ₹ 13,000, ₹ 17,000 and ₹ 5,000 respectively in a business. At the end of the year, they earn a profit of ₹ 1,400. B's share of profit is

(A) ₹ 410   (B) ₹ 630

(C) ₹ 720   (D) ₹ 680

44. ₹ 600 is divided among A, B and C. ₹ 40 more than $\frac{2}{5}$th of A's share, ₹ 20 more than $\frac{2}{7}$th of B's share and ₹ 10 more than $\frac{9}{17}$th of C's share are all equal. Then A's share is

(A) ₹ 170   (B) ₹ 280

(C) ₹ 140   (D) ₹ 150

45. The average of prime numbers between 1 and 20 is

(A) $9\frac{5}{8}$ (B) $10\frac{1}{8}$

(C) 8   (D) 9

46. A certain factory employed 600 men and 400 women and the average wage was ₹ 2·55 per day. If a woman got 50 paise less than a man, the daily wages of a man and a woman were

(A) Man ₹ 5·30, Woman ₹ 2·50

(B) Man ₹ 2·50, Woman ₹ 2·00

(C) Man ₹ 3·25, Woman ₹ 2·75

(D) Man ₹ 2·75, Woman ₹ 2·25

SPACE FOR ROUGH WORK

47. The least number of years in which a sum of money on 19% p.a. compound interest will be more than double is

(A) 4 years   (B) 5 years

(C) 2 years   (D) 3 years

48. B borrows ₹ 5,000 from A at 6% p.a. simple interest and lends it to C at compound interest of 10% p.a. If B collects the money back from C after 2 years and repays A, the profit made by B in the transaction is

(A) ₹ 500   (B) ₹ 450

(C) ₹ 600   (D) ₹ 1,050

Directions : *The following histogram shows the relationship between the marks obtained by the students and the number of students in an examination. Study the histogram and answer the questions no. 49 and 50.*

Marks obtained

49. The percentage of students who obtained 40 marks or less is

(A) less than 25, but not 15

(B) more than 24

(C) 15

(D) 25

50. The ratio of the number of students who obtained 60 or more marks to that of students who obtained 60 or less marks is

(A) 15 : 19

(B) 14 : 17

(C) 16 : 15

(D) 15 : 16
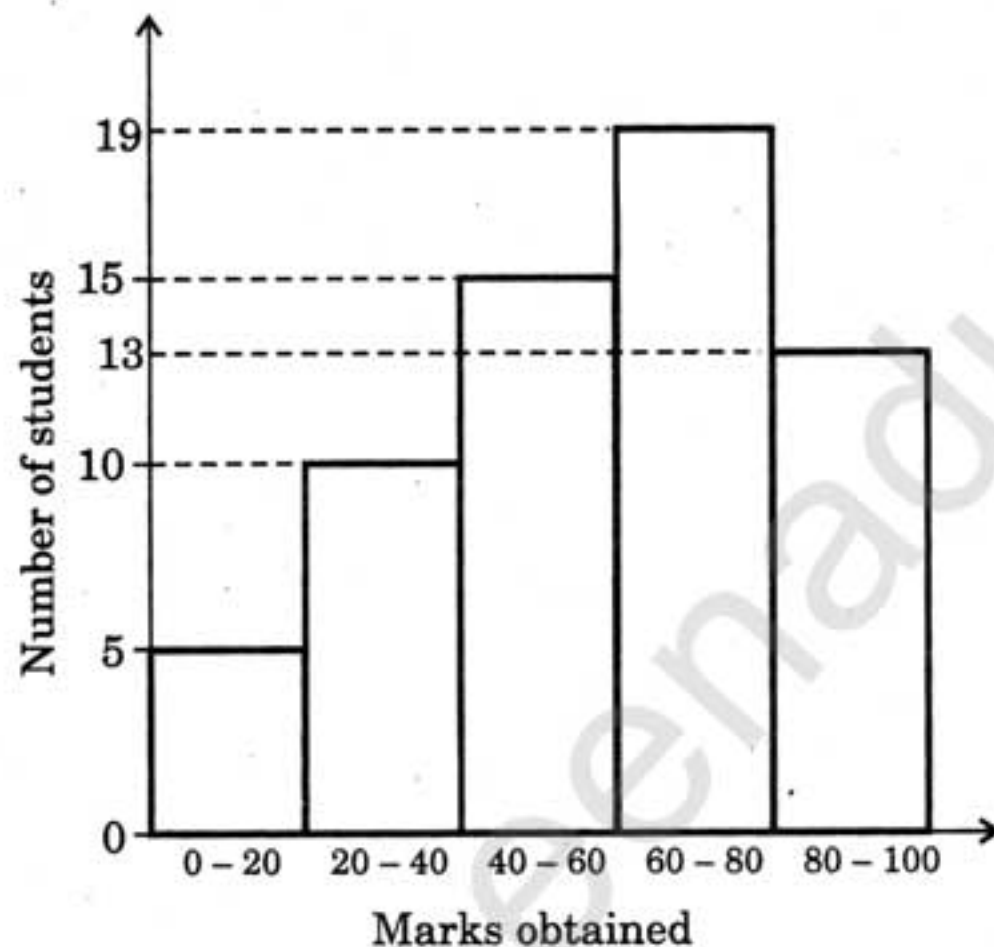
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49. The greatest length of the scale that can measure exactly 30 cm, 90 cm, 1 m 20 cm and 1 m 35 cm lengths is

(A) 15 cm   (B) 30 cm

(C) 5 cm   (D) 10 cm

50. If the ratio of $\left(n + \dfrac{1}{n}\right)$ and $\left(n - \dfrac{1}{n}\right)$ be 5 : 4, then the value of n is

(A) ± 4   (B) ± 5

(C) ± 2   (D) ± 3

SPACE FOR ROUGH WORK

PART C : GENERAL ENGLISH

Directions : In questions no. 51 to 60, a part of the sentence may have errors. Find out which part of the sentence has an error and blacken the circle (●) corresponding to the appropriate letter (A, B, C). If a sentence is free from error, blacken the circle corresponding to "No error" in the Answer Sheet.

51. The old man / is too weak / to walk. / No error.
    (A)   (B)   (C)   (D)

52. Everyone of us has to be / very vigilant to safeguard / our hardly won liberty. / No error.
    (A)   (B)   (C)   (D)

53. Yesterday, I met a man / who was blind / with the right eye. / No error.
    (A)   (B)   (C)   (D)

54. The two first chapters of this book / are very interesting, / the remaining ones are boring. / No error.
    (A)   (B)   (C)   (D)

55. The manager is having his problems / but we have / ours as well. / No error.
    (A)   (B)   (C)   (D)

56. The large balloons / I bought for Christmas / is very nice. / No error.
    (A)   (B)   (C)   (D)

57. Every member of the committee / have been present / at all the meetings. / No error.
    (A)   (B)   (C)   (D)

58. I will try to / tell to you / what you must do. / No error.
    (A)   (B)   (C)   (D)

59. I did not see / Meenu / since Monday. / No error.
    (A)   (B)   (C)   (D)

60. While I was driving home, / I heard some shocking news / at the radio. / No error.
    (A)   (B)   (C)   (D)

Directions : *In questions no. 61 to 70, sentences are given with blanks to be filled in with appropriate word(s). Four alternatives are suggested for each question. Choose the most appropriate alternative out of the four and indicate it by blackening the corresponding circle in the Answer Sheet.*

61. He aimed the blow _____ my left eye.
    (A) at   (B) from
    (C) to   (D) in

62. The river abounds _____ fish and crocodiles.
    (A) of   (B) at
    (C) on   (D) with

63. The auditor was asked to _____ the accounts.
    (A) check   (B) spot
    (C) cheque   (D) count

64. Every student had to abide _____ the rules and regulations of the hostel.
    (A) by   (B) against
    (C) with   (D) in

65. Coventry is _____ Birmingham.
    (A) next   (B) beside
    (C) near   (D) nearby

66. To err is _____, to forgive divine.
    (A) natural   (B) kindness
    (C) humane   (D) human

67. The village is _____ Sheffield (in England). It's only six miles away.
    (A) near   (B) before
    (C) along   (D) by

68. Karen sat at the table _____ a newspaper.
    (A) fidgeting   (B) looking
    (C) reading   (D) writing

69. Two _____ were sent to garrison the town.
    (A) regimes   (B) troops
    (C) regiments   (D) armies

70. The Ambassador was better _____ than the other delegates.
    (A) presentable   (B) bred
    (C) prepared   (D) thoughtful

Directions : *In questions no. 71 to 73, out of the four alternatives, choose the one which best expresses the meaning of the given word.*

71. Grave
    (A) Still   (B) Serious
    (C) Sad   (D) Dead

72. Advance
    (A) Give   (B) Change
    (C) Move forward   (D) Bend

73. Recollect
    (A) Remember   (B) Unite
    (C) Assemble   (D) Return

Directions : *In questions no. 74 to 76, out of the four alternatives, choose the one which best expresses the meaning opposite to the given word.*

74. Flippant
    (A) Warm   (B) Urgent
    (C) Busy   (D) Earnest

75. Lethal
    (A) Harmless   (B) Just
    (C) Good   (D) Secure

76. Cautious
    (A) Inviting   (B) Careful
    (C) Exude   (D) Daring

Directions : *In questions no. 77 to 79, four alternatives are given for the Idiom/Phrase underlined in the sentence. Choose the alternative which best expresses the meaning of the Idiom/Phrase.*

77. He struck several bad patches before he made good.
    (A) went through many illnesses
    (B) had many professional difficulties
    (C) came across bad weather
    (D) eliminated many difficulties

78. Our manager is feared by everyone for he is as hard as nails.
    (A) unrelenting   (B) fearsome
    (C) strict   (D) powerful

79. We talked over the matter for an hour but without any result.
    (A) fought about   (B) discussed
    (C) surveyed   (D) assessed

Directions : *In questions no. 80 to 84, a sentence or a part of the sentence is underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case no improvement is required, blacken the circle (●) corresponding to "No improvement" in the Answer Sheet.*

80. There was a few drop of rain.
    (A) was a few drops
    (B) were a few drops
    (C) were a few drop
    (D) No improvement

81. My interest in Physics has decreased.
    (A) has diminished
    (B) has shortened
    (C) has been deceased
    (D) No improvement

82. The economic environment is of late conducive for major political changes.
    (A) conducive with
    (B) conducive to
    (C) conducive about
    (D) No improvement

83. I can always count on him in times of difficulty.
    (A) count at him
    (B) count on he
    (C) count him on
    (D) No improvement

84. The hill is too high for climbing.
    (A) for climbing up
    (B) for going up
    (C) to climb
    (D) No improvement

Directions : *In questions no. 85 to 89, out of the four alternatives, choose the one which can most appropriately substitute the given word(s) or sentence.*

85. An uneducated person
    (A) Clown   (B) Instructor
    (C) Illiterate   (D) Joker

86. A house where children with no parents are taken care of
    (A) Hospital   (B) Nursery
    (C) Orphanage   (D) Creche

87. Made or done without previous preparation
    (A) Impromptu   (B) Urgent
    (C) Prompt   (D) Immediate

88. A person learning a trade under someone
    (A) Secretary   (B) Clerk
    (C) Apprentice   (D) Assistant

89. That which is unlawful
    (A) Court   (B) Bail
    (C) Illicit   (D) Legal

Directions : *In questions no. 90 to 95, four words are given, out of which only one word is correctly spelt. Find the correctly spelt word.*

90. (A) Pessimism (B) Pessimmism
    (C) Pessimisism (D) Pesimisism

91. (A) Suppose (B) Suppos
    (C) Supose (D) Suposse

92. (A) University (B) Uneversity
    (C) Univarsity (D) Universitee

93. (A) Marryiage (B) Marrage
    (C) Marriage (D) Mariage

94. (A) Innumarable (B) Innumereble
    (C) Innumerable (D) Inumerable

95. (A) Guarantee (B) Guaranty
    (C) Guarenty (D) Gauranty

Directions : *In questions no. 96 to 100, read the following passage carefully and choose the most appropriate answer to each question out of the four alternatives.*

Radium is a white powder that looks like table-salt. A pound of it is worth a thousand pounds of gold. Radium is very costly because it is so scarce. A mere pinch of it is worth a small fortune. There are only a few spoonfuls in all the world. But radium is so powerful that too much of it would be dangerous. If a pound or two could be gathered at one spot it would kill people who came near. Through radium, scientists hope to learn how to change one element into another. It would be interesting and profitable to change other metals into gold. But it would be worth more to man to learn how to get all the power from the atoms to do man's work.

96. Radium is considered dangerous because

    (A) it would kill millions due to its radioactivity.

    (B) it is so scarce.

    (C) it would tell us how to get power from radium.

    (D) it would help us to turn other metals into gold.

97. The antonym of 'scarce' is
    (A) abundant
    (B) wealth
    (C) rare
    (D) insufficient

98. The word 'fortune' here means
    (A) freedom
    (B) power
    (C) inheritance
    (D) wealth

99. Why is radium very costly ?
    (A) It is found in small quantities.
    (B) It helps man do his work.
    (C) It is very useful.
    (D) It is powerful and dangerous.

100. What is the main subject of discussion in the passage ?
    (A) Radium
    (B) Salt
    (C) Gold
    (D) Silver

PART D : GENERAL AWARENESS

101. The supply of labour in the market depends on
(A) the size of population
(B) the number of person hours put in by each person
(C) the proportion of the population in the labour force
(D) All the above

102. The term 'Fraternity' in the Preamble of the Indian Constitution means a sense of
(A) statehood
(B) love and affection
(C) brotherhood
(D) friendliness

103. Who presides over the sitting of the House of People ?
(A) The Chief Justice of India
(B) The Speaker
(C) The President
(D) The Vice President

104. How many languages are recognised in the 8ᵗʰ Schedule of the Indian Constitution ?
(A) 16
(B) 20
(C) 14
(D) 22

105. An economy in which there are no flows of labour, goods or money to and from other nations is a/an
(A) mixed economy
(B) closed economy
(C) open economy
(D) slow economy

106. Elasticity of demand is the degree of responsiveness of demand of a commodity to a
(A) change in the price of substitutes
(B) change in consumers' tastes
(C) change in its price
(D) change in consumers' wealth

107. The price of a commodity is the same as
(A) Total cost
(B) Average cost
(C) Total revenue
(D) Average revenue

108. Which one of the following is *not* a feature of monopoly ?
(A) Heavy selling costs
(B) Barriers to entry of new firms
(C) Price discrimination
(D) Single seller of the product

109. Which of the following contains Alberuni's account of India ?
(A) *Futuh-us-Salatin*
(B) *Tarikh-i-Yamini*
(C) *Kitab-ul-Hind*
(D) *Chachnama*

110. Buddha gave his first sermon at the Deer Park in
(A) Sarnath
(B) Sanchi
(C) Lumbini
(D) Magadha

111. 'Mohen-jo-daro' in Sindhi means
(A) The food of Pashupathi
(B) The land of Shiva
(C) The mound of the dead
(D) The city of evil spirits

112. What was Hampi known for ?
(A) It had the largest stable in medieval India
(B) It had the translation of the Indian epics to Persian
(C) It was the capital of Vijayanagara
(D) It was the capital of Golconda

113. What was Kuomintang ?
(A) A fascist party in Japan
(B) A terrorist organisation in China
(C) A nationalist party in China
(D) A nationalist party in Japan

114. Where is the Forest Research Institute of India located ?
(A) Delhi
(B) Lucknow
(C) Bhopal
(D) Dehradun

115. Which of the following authorities is/are competent to issue writs for the enforcement of Fundamental Rights ?
(A) Supreme Court
(B) Supreme Court and High Courts
(C) Parliament
(D) President

116. Which of the following is used as a logo of the World Wide Fund (WWF) for Nature ?
(A) Camel
(B) Lion
(C) Deer
(D) Panda

117. The fuse in an electric circuit is connected in
     (A) parallel to live
     (B) parallel to neutral
     (C) series with live
     (D) series with neutral

118. Which one of the following is the indirect use of forests ?
     (A) Checking soil erosion
     (B) Building material
     (C) Grazing
     (D) Medicinal plants

119. Which one of the following States produces the largest amount of spices ?
     (A) Assam   (B) Karnataka
     (C) Jammu & Kashmir   (D) Kerala

120. The percentage of India's forested land out of total land is
     (A) 25%   (B) less than 25%
     (C) 33%   (D) 30%

121. Ahmedabad is situated along the bank of
     (A) Narmada river   (B) Banas river
     (C) Luni river   (D) Sabarmati river

122. The only living tissue in plant xylem is
     (A) Xylem fibre   (B) Xylem parenchyma
     (C) Tracheid   (D) Trachea

123. 'Insectivorous plants' trap insects for
     (A) Fats   (B) Vitamins
     (C) Carbohydrates   (D) Nitrogen

124. Riboflavin is a/an
     (A) Hormone   (B) Fatty acid
     (C) Enzyme   (D) Vitamin

125. Locomotory organ of a starfish is
     (A) Paddle   (B) Muscular foot
     (C) Flipper   (D) Tube feet

126. The latex of which plant is used commercially ?
     (A) Sial kanta plant
     (B) Rubber plant
     (C) Banyan tree
     (D) Papaya plant

127. _____ is the part of the Central Processing Unit (CPU).
     (A) Arithmetic and Logic Unit
     (B) Keyboard
     (C) Printer
     (D) Monitor

128. Direct access of file is also known as
     (A) relative access
     (B) file access
     (C) sequential access
     (D) random access

129. Which one of the following is a carbohydrate ?
     (A) Insulin   (B) Glycine
     (C) Glucose   (D) Urea

130. The source of oxygen in atmosphere is due to
     (A) Excretion
     (B) Nitrogen fixation
     (C) Respiration
     (D) Photosynthesis

131. Vegetables are cooked in lesser time by adding a pinch of salt while cooking because
     (A) latent heat of vaporization of water decreases
     (B) latent heat of vaporization of water increases
     (C) boiling point of water decreases
     (D) boiling point of water increases

132. Hydraulic brakes in automobiles work on
     (A) Pascal's principle
     (B) Archimedes' principle
     (C) Bernoulli's principle
     (D) Poiseuille's principle

133. The basic process taking place in nuclear reactors is
     (A) Fusion   (B) Fission
     (C) Radioactivity   (D) None of the above

134. _____ is required to boot a computer.
     (A) Operating system
     (B) Assembler
     (C) Compiler
     (D) Loader

135. Which action movie star was awarded on November, 2016 the honorary Academy (Oscar) Award for his extraordinary achievements in the movies ?
   (A) Guy Ryder   (B) Ferdinand Marcos
   (C) Jackie Chan   (D) Anil Kapoor

136. Malathion is a/an
   (A) fumigant   (B) preservative
   (C) pesticide   (D) insecticide

137. The working of a dry cell is based on
   (A) Spontaneous oxidation-reduction reaction
   (B) Combination reaction
   (C) Electrolysis
   (D) Decomposition reactions

138. Biosphere refers to
   (A) the part of ocean inhabited by plants and animals
   (B) the portion of the earth, including the oceans, the land, the soil and the atmosphere inhabited by living organisms
   (C) the atmosphere surrounding the living organisms
   (D) the area of the land inhabited by living organisms

139. Which of the following causes swine flu ?
   (A) Fungi   (B) Tapeworm
   (C) Virus   (D) Bacteria

140. Which of the following is the lowest atmospheric layer ?
   (A) Stratosphere   (B) Troposphere
   (C) Hydrosphere   (D) Lithosphere

141. Which of the following phenomena is supposedly associated with global warming ?
   (A) La Niña
   (B) El Niño Modoki
   (C) Southern Oscillation
   (D) El Niño

142. The Ranganatha Temple is situated at
   (A) Tirupati   (B) Chennai
   (C) Srirangam   (D) Kanchipuram

143. Who among the following is a famous Indian painter ?
   (A) Yamini Krishnamurthy
   (B) M.F. Hussain
   (C) Ravi Shankar
   (D) Balamuralikrishna

144. NITI Aayog is a
   (A) Think Tank
   (B) NGO
   (C) Constitutional Body
   (D) Statutory Body

145. Which one of the following manages the computer resources ?
   (A) Programmes   (B) Texts
   (C) Exit   (D) Boot

146. Over the years, birth rate in India has _____ and death rate has _____.
   (A) risen, risen   (B) fallen, risen
   (C) fallen, fallen (D) risen, fallen

147. Which ground is called the 'Mecca of Cricket' ?
   (A) Melbourne Cricket Ground
   (B) Green Park
   (C) Lords
   (D) Eden Gardens

148. Where is FIFA, 2018 scheduled to be held ?
   (A) Spain   (B) Argentina
   (C) Russia   (D) Portugal

149. Which one of the following has **not** been launched during the tenure of the NDA Government at the Centre ?
   (A) MGNREGA Programme
   (B) Swachch Bharat Abhiyan
   (C) Ujjwala Yojana
   (D) Pradhan Mantri Jan Dhan Yojana

150. Which one of the following organisations is a financial institution ?
   (A) IFCO
   (B) SEBI
   (C) ICICI
   (D) KVIC

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