MH

1856085

CV 2013

Time Allowed : **2 Hours** (For VH Candidates : 2 hrs. 40 min.)
निर्धारित समय : **2 घंटे** (दृष्टिबाधित उम्मीदवारों के लिए : 2 घंटे 40 मिनट)

Maximum Marks : 150
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.

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

INSTRUCTIONS TO CANDIDATES

1. This Booklet contains **150** questions in all comprising the following four parts :

Part A :	General Intelligence and 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, 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 Test Form Number* on Side-I of the Answer-Sheet carefully. You must also put your signature and Left-Hand thumb impression on the Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded *'ZERO'* mark. (VH candidates will have to ensure that these details are filled in by the scribe. However all VH candidates must put their Left-Hand thumb impression at the space provided in the Answer-Sheet. Those VH candidates who can sign should also put their signatures in addition to thumb impression.)

7. Answers must be shown by completely blackening the corresponding ovals on Side-II of the Answer-Sheet against the relevant question number by **Black/Blue Ball-point Pen** only. Answers which are not shown by Black/Blue Ball-point Pen will not be awarded any mark.

8. A machine will read the coded information in the OMR Answer-Sheet. In case the information is incomplete or different from the information given in the application form, the 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 Question Nos. 20 to 25 and 49 & 50 relating to figural portions, alternate questions have been provided to be attempted by VH candidates only.

14. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions.

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 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 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 (1-24) 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 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 बाँयें हाथ के अंगूठे का निशान भी अवश्य लगाएँ । उपर्युक्त अनुदेशों का पूरी तरह अनुपालन किया जाए, अन्यथा आपकी उत्तर-पत्रिका को जाँचा नहीं जाएगा और 'शून्य' अंक दिया जाएगा । (दृष्टिबाधित उम्मीदवार सुनिश्चित करें कि यह विवरण लिपिक द्वारा भरा जाए । परन्तु सभी दृष्टिबाधित उम्मीदवार उत्तर-पत्रिका में निर्धारित स्थान पर अपने बाँयें हाथ के अंगूठे का निशान अवश्य लगाएँ । जो दृष्टिबाधित उम्मीदवार हस्ताक्षर कर सकते हैं, वे अंगूठे के निशान के अलावा अपने हस्ताक्षर भी कर दें ।)

7. उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिए गए 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 ।

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 तथा ध्यानपूर्वक दें । कुछ प्रश्न आसान तथा कुछ कठिन हैं । किसी एक प्रश्न पर बहुत अधिक समय न लगाएँ ।

13. आकृति से सम्बन्धित प्रश्न संख्या 20 से 25 तथा 49 और 50 के बदले में केवल दृष्टिबाधित उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं ।

14. कोई रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है । रफ़ कार्य के लिए स्थान प्रश्नों के नीचे दिया गया है ।

15. *"परीक्षा हॉलों/कमरों में मोबाइल फ़ोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं । उम्मीदवारों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फ़ोन/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 AND REASONING

Directions : In questions no. 1 and 2, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

1. 7, 14, 23, 34, ?

    (A) 46   (B) 47 ✓

    (C) 44   (D) 45

2. AE, FJ, KO, ? , UY

    (A) QN   (B) TQ

    (C) NP   (D) PT ✓

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

    DEPARTMENT

    (A) PEN   (B) PARK ✓

    (C) PART   (D) DEAR

4. In a coded language, MANAGER is written as REGANAM. How will ASSISTANT be written in that code ?

    (A) TNATSISSA ✓

    (B) TNATISSSA

    (C) TNATSSIA

    (D) TNATSISAS

5. A boy introduced a girl as the daughter of the son of the father of his uncle. How is the girl related to the boy ?

    (A) Aunt   (B) Grand-daughter

    (C) Niece ✓   (D) Sister

6. Which one of the given responses would be a meaningful order of the following in ascending order ?

    1. Phrase   2. Alphabet
    3. Sentence   4. Word

    (A) 2, 1, 4, 3   (B) 1, 2, 3, 4

    (C) 2, 4, 1, 3   (D) 2, 4, 3, 1 ✓

Directions : In questions no. 7 to 10, select the related word/letter/number from the given alternatives.

7. 3 : 7 : : 15 : ?

    (A) 30   (B) 35

    (C) 45   (D) 49

8. Kalidas : Meghdoot : : Kautilya : ?

    (A) Ramayana

    (B) Arthashastra ＼

    (C) Kamayani

    (D) Kadambari

9. Water : Ocean : : Sand : ?

    (A) Island ✓   (B) Waves

    (C) River   (D) Desert

10. ABC : XYZ : : CDE : ?

    (A) UVW ─   (B) WXY

    (C) AVW   (D) VWX

Directions : In questions no. 11 to 13, select the one which is different from the other three alternatives.

11. (A) 42 – 49   (B) 35 – 62 ＜

    (C) 63 – 70   (D) 28 – 21

12. (A) Engineer   (B) School ＜

    (C) Lawyer   (D) Doctor

13. (A) SRPQ   (B) YWTV

    (C) IHFG   (D) NMKL

14. Six persons are sitting in a circle. 'J' is between 'N' and 'O'; 'N' is opposite 'M'; and 'L' is not in either of the neighbouring seats of 'N'. Who is opposite to 'K' ?

(A) M   (B) O

(C) J   (D) L

15. Select the correct combination of mathematical signs to replace * signs and to balance the following equation :

$$35 * 7 * 25 * 15 * 2$$

(A) $+ \; + \; = \; \times$

(B) $+ \; + \; = \; \times$

(C) $\times \; = \; + \; +$

(D) $+ \; = \; + \; \times$

16. Some equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.
If $7 \times 9 \times 6 \times 5 = 5 \times 7 \times 4 \times 3$,
then $8 \times 4 \times 14 \times 12 = ?$

(A) $5 \times 3 \times 7 \times 10$

(B) $6 \times 3 \times 9 \times 11$

(C) $6 \times 2 \times 12 \times 10$

(D) $6 \times 4 \times 8 \times 9$

17. Select the missing number from the given responses.

121	156	105
145	187	126
115	190	?

(A) 231   (B) 225

(C) 255   (D) 305

18. Deepa is standing facing South. She goes 20 metres ahead and turns right and goes 30 metres. Now she turns left and goes for 40 metres and turns right. In which direction is she headed now ?

(A) North   (B) South

(C) East   (D) West

19. 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 definitely follows from the given statements. Indicate your answer.

Statements :
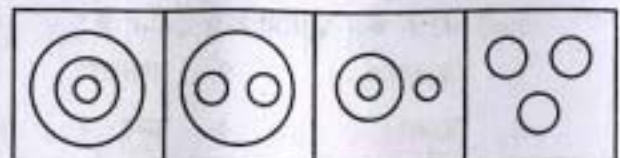
    All pencils are rails.

    All rails are stations.

Conclusions :

I.   All stations are pencils.

II. Some stations are pencils.

(A) Both Conclusions I and II follow

(B) Neither Conclusion I nor II follows

(C) Only Conclusion I follows

(D) Only Conclusion II follows

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

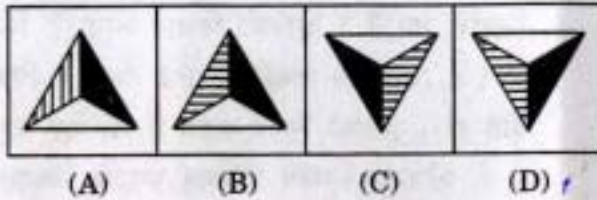Doctors, Engineers, Lawyers

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

21. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure ?
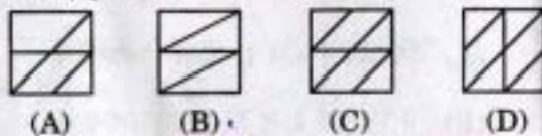
Question figure :

Answer figures :

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

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

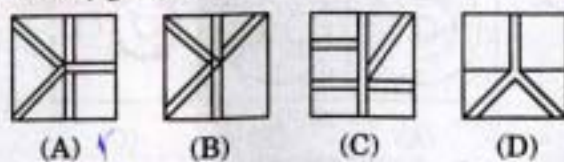Question figure :

Answer figures :

(A)   (B)·   (C)   (D)

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

Question figure :

Answer figures :

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

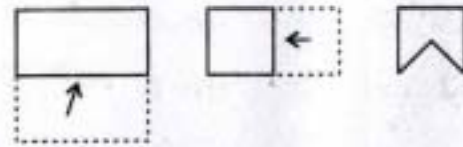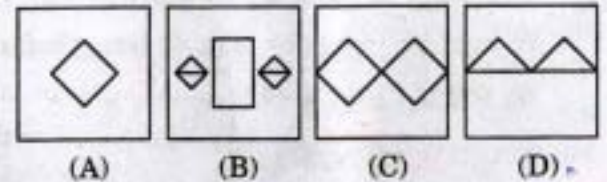**24.** A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

Question figures :

Answer figures :

(A)   (B)   (C)   (D)·

25. 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. 'P' can be represented by 04, 11, 30, etc., and 'T' can be represented by 58, 75, 99, etc. Similarly, you have to identify the set for the word given below :

BASE

Matrix I					
	0	1	2	3	4
0	E	A	R	W	P
1	W	P	A	E	R
2	A	W	P	R	E
3	P	R	E	A	W
4	R	E	W	P	A

Matrix II					
	5	6	7	8	9
5	S	B	K	T	C
6	B	C	T	K	S
7	T	S	C	B	K
8	K	T	S	C	B
9	C	K	B	S	T

(A) 65, 01, 77, 13

(B) 78, 02, 98, 33

(C) 97, 02, 87, 14

(D) 89, 12, 76, 13

20. Given below are capital letters in the first line and numbers in the second line. Numbers and letters are codes for each other. Choose the correct code for given letters.

C K W J M Y Q H L T
2 7 0 4 1 8 3 6 9 5

Given letters : J K C L W Q

(A) 461803

(B) 469035

(C) 472903

(D) 472035

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

_ b c d a _ c d a b _ d a b c _

(A) d, c, a, b

(B) c, d, a, b

(C) a, b, c, d

(D) c, c, d, a

22. Arrange the following words as per the order in the dictionary :

1. Dairy   2. Dainty

3. Daimyo   4. Daisy

(A) 3, 2, 1, 4

(B) 4, 3, 2, 1

(C) 3, 2, 4, 1

(D) 3, 1, 4, 2

23. Aniruddh is heavier than Anand but not as heavy as Laxman. Anand is heavier than Vijay. Raman is heavier than Aniruddh but lighter than Shyam. Who of these is the lightest ?

(A) Anand

(B) Aniruddh

(C) Laxman

(D) Vijay

24. There are altogether 30 students in a class. If in a particular day 90% students attend, how many students are absent ?

(A) 4

(B) 10

(C) 2

(D) 3

25. Find out the set among the four sets which is like the given set of numbers.

500, 50, 5

(A) 608, 60, 6

(B) 619, 81, 9

(C) 280, 40, 5

(D) 392, 56, 8

PART B : NUMERICAL APTITUDE

26. A sales representative will receive a 15% commission on a sale of ₹ 2,800. If he has already received an advance of ₹ 150 on that commission, the remaining amount of commission is
   (A) ₹ 320
   (B) ₹ 420
   (C) ₹ 120
   (D) ₹ 270

27. A railway train 100 metres long is running at the speed of 30 km/hr. In what time does it pass a man standing near a line ?
   (A) 10 seconds ·
   (B) 13 seconds
   (C) 12 seconds
   (D) 15 seconds

28. Raju has to cover a distance of 240 km in 4 hours. If he covers one-third of the journey in $\frac{2}{7}$ th time, what is his speed at the beginning of the journey ?
   (A) 70 km/hr
   (B) 75 km/hr
   (C) 60 km/hr ·
   (D) 65 km/hr

29. X borrowed some money from a source at 8% simple interest and lent it to Y at 12% simple interest on the same day and gained ₹ 4,800 after 3 years. The amount X borrowed, in ₹, is
   (A) 42,000
   (B) 60,000
   (C) 1,20,000 ⊺
   (D) 40,000

30. Ram borrows a certain sum of money at 8% per annum simple interest and Rahim borrows ₹ 2,000 at 5% per annum simple interest. If the interest at the end of 3 years is equal, then the amount borrowed by Ram is
   (A) ₹ 1,250 ✓
   (B) ₹ 1,500
   (C) ₹ 2,000
   (D) ₹ 1,000

31. A bookseller sells a book at a profit of 10%. If he had bought it at 4% less and sold it for ₹ 6 more, he would have gained $18\frac{3}{4}$ %. The cost price of the book is
   (A) ₹ 160
   (B) ₹ 170
   (C) ₹ 150 ⊺
   (D) ₹ 155

32. The length and breadth of a rectangle are 20 m and 15 m respectively. If length is increased by 20% and the breadth by 30%, the percentage increase in its area is
   (A) 54% ✓
   (B) 56%
   (C) 50% ✓
   (D) 52%

33. The average height of 8 students is 152 cm. Two more students of heights 144 cm and 155 cm join the group. What is the new average height ?
   (A) 151·5 cm
   (B) 152·5 cm ·
   (C) 151 cm
   (D) 150·5 cm

34. The batting average of a cricket player for 30 innings is 40 runs. His highest score exceeds his lowest score by 100 runs. If these two innings are not included, the average of the remaining 28 innings is 38 runs. The lowest score of the player is
   (A) 18
   (B) 20
   (C) 12
   (D) 15

35. Aman sells two watches at ₹ 99 each. On one he get 10% profit and on the other he loses 10%. His net gain or loss percent is
   (A) loss of 1%
   (B) no profit no loss
   (C) profit of 10%
   (D) loss of 10%

36. If a person lost 8% by selling an article for ₹ 1,035, he bought the article for
   (A) ₹ 1,135
   (B) ₹ 1,152
   (C) ₹ 1,105
   (D) ₹ 1,125

37. A cycle merchant allows 25% discount on the marked price of the cycles and still makes a profit of 20%. If he gains ₹ 360 over the sale of one cycle, find the marked price of the cycle.
   (A) ₹ 2,920
   (B) ₹ 2,800
   (C) ₹ 2,880
   (D) ₹ 2,900

38. If $2x = 3y = 4z$, find $x : y : z$.
   (A) 3 : 4 : 6
   (B) 6 : 4 : 3
   (C) 4 : 3 : 2
   (D) 2 : 3 : 4 ⌐

39. The ratio of the ages of A, B and C is 5 : 8 : 9. If the sum of the ages of A and C is 56 years, the age of B will be
   (A) 12 years
   (B) 23 years
   (C) 21 years ·
   (D) 32 years

40. A box contain 280 coins of one rupee, 50 paise and 25 paise. The values of each kind of coin are in the ratio of 8 : 4 : 3. The number of one rupee coins will be
   (A) 52
   (B) 81
   (C) 60
   (D) 80 ⌐

41. Length of each equal side of an isosceles triangle is 10 cm and the included angle between those two sides is 45°. Find the area of the triangle.

(A) $25\sqrt{2}$ cm^2
(B) $35\sqrt{2}$ cm^2
(C) $5\sqrt{2}$ cm^2
(D) $15\sqrt{2}$ cm^2

42. Rita purchased a car with a marked price of ₹ 2,10,000 at a discount of 5%. If the sales tax charged is 10%, find the amount she has to pay.

(A) ₹ 2,19,500
(B) ₹ 2,19,000
(C) ₹ 2,19,450
(D) ₹ 2,20,000

43. A shopkeeper sold an item for ₹ 1,800 at a discount of 10% and gained ₹ 200. Had he not given the discount, his gain would be

(A) ₹ 300
(B) ₹ 400
(C) ₹ 180
(D) ₹ 200

44. The sum of the squares of the digits of the largest prime number in two digits is

(A) 148
(B) 130
(C) 97
(D) 118

45. Find the number lying between 900 and 1000 which when divided by 38 and 57 leaves in each case a remainder 23.

(A) 912
(B) 926
(C) 935
(D) 962

46. Raju can do a piece of work in 20 days, while Ram can do it in 30 days. If both of them work at it together, then the number of days in which they will be able to finish the work is
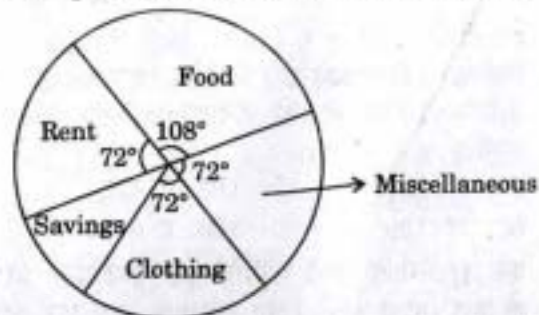
(A) 12 days
(B) 10 days
(C) 50 days
(D) 25 days

47. A is twice as good a workman as B and together they finish a piece of work in 20 days. In how many days will A alone finish the work ?

(A) 30 days
(B) 25 days
(C) 40 days
(D) 35 days

48. A spherical ball of lead of radius 14 cm is melted and recast into spheres of radius 2 cm. The number of the small spheres is
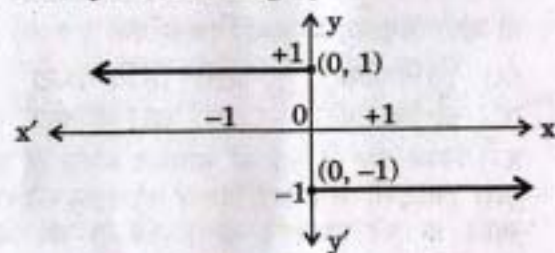
(A) 300
(B) 525
(C) 343
(D) 450

49. Using the pie-chart answer the following :

If the annual income of the family is ₹ 60,000, then the savings is

(A) ₹ 7,500
(B) ₹ 9,000
(C) ₹ 3,000
(D) ₹ 6,000

50. The equation of the graph shown here is

(A) when $x \leq 0$, $y = +1$
    when $x > 0$, $y = -1$
(B) when $x < 0$, $y = +1$
    when $x \geq 0$, $y = -1$
(C) when $x < 0$, $y = +1$
    when $x > 0$, $y = -1$
(D) when $x < 0$, $y = -1$
    when $x > 0$, $y = +1$

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

49. A piece of work can be completed in 18 days if A and B work together, in 24 days if B and C work together and in 36 days if A and C work together. The number of days required if all the three work together is

(A) 14
(B) 12
(C) 10
(D) 16

50. Three different containers contain 496 litres, 403 litres, 713 litres of mixtures of milk and water respectively. What biggest measurer can measure all the different quantities exactly ?

(A) 31 litres
(B) 41 litres
(C) 11 litres
(D) 17 litres

SPACE FOR ROUGH WORK / रफ़ कार्य के लिए स्थान

Directions : *In questions no. 51 to 53, four alternatives are given for the Idiom/Phrase underlined in the sentence. Choose the alternative that best expresses the meaning of the Idiom/Phrase and mark it in the Answer Sheet.*

51. The son wants to purchase a new car, but his father is dragging his feet.
    (A) acting in a slow and hesitant manner
    (B) acting methodically
    (C) acting quickly with firm conviction
    (D) acting courageously

52. The student passed out in the lab during the practical exam.
    (A) fell down   (B) became anxious
    (C) rushed out   (D) fainted

53. My friend Rahim is fair and square in all his dealings.
    (A) dishonest and complex
    (B) cruel
    (C) rough and complex
    (D) honest and simple

Directions : *In questions no. 54 to 58, a part of the sentence is underlined. Below are given alternatives to the underlined part at (A), (B) and (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.*

54. I knew that if the animal was at home in that moment it would probably be sound asleep.
    (A) within that moment
    (B) about that moment
    (C) at that moment
    (D) No improvement

55. What would you have done if you are attacked by a bandit ?
    (A) if you have been attacked by a bandit
    (B) if you would have been attacked by a bandit
    (C) if you were attacked by a bandit
    (D) No improvement

56. She works so that she may not fail.
    (A) or that she may not fail
    (B) therefore she may fail
    (C) lest she should fail
    (D) No improvement

57. Looking out of the window the little boy saw a kite entangled in the branches of the gulmohar tree.
    (A) Looking at the window
    (B) Peeping in at the window
    (C) Gazing out into the window
    (D) No improvement

58. If you do not mend your behaviour, you will suffer.
    (A) bend   (B) repair
    (C) tend   (D) No improvement

Directions : *In questions no. 59 to 63, out of the four alternatives, choose the one which can be substituted for the given words/sentence and indicate it by blackening the appropriate oval (●) in the Answer Sheet.*

59. A place where money is coined.
    (A) Press   (B) Mint
    (C) Lair   (D) Archive

60. A series of lectures or lessons.
    (A) Catalogue   (B) Panel
    (C) Course   (D) Syllabus

61. A false name adopted by an author for writing.
    (A) Nomenclature
    (B) Title
    (C) Nickname
    (D) Pseudonym

62. One who possesses many talents.
    (A) Gifted   (B) Talented
    (C) Versatile   (D) Exceptional

63. A very accurate form of clock.
    (A) Galvanometer   (B) Calorimeter
    (C) Voltameter   (D) Chronometer

64. (A) Millinar   (B) Millenar
    (C) Miliner   (D) Milliner

65. (A) Privillage   (B) Privilage
    (C) Priviledge   (D) Privilege

66. (A) Questionnaire ·   (B) Questionnare
    (C) Questionnair   (D) Qustionnaire

67. (A) Amoeba   (B) Ameoba
    (C) Amieba ·   (D) Ameboa

68. (A) Annihilate ·   (B) Annhillate
    (C) Anihilate   (D) Annihilet

69. (A) Commitee ·   (B) Commitea
    (C) Committee   (D) Comittee

Directions : In questions no. 70 to 74, you have a brief passage with 5 questions. Read the passage carefully and choose the best answer to each question out of the four alternatives and mark it by blackening the appropriate oval (●) in the Answer Sheet.

"Something is very wrong," says the detective. "I know!" says Ms. Gervis. "It is wrong that someone has stolen from me!" The detective looks around Ms. Gervis' apartment. "That is not what I am talking about, ma'am. What is wrong is that I do not understand how the robber got in and out." Ms. Gervis and the detective stand in silence. Ms. Gervis' eyes are full of tears. Her hands are shaking. "The robber did not come through the window," says the detective. "These windows have not been opened or shut in months." The detective looks at the fireplace. "The robber did not squeeze down here."

The detective walks to the front door. He examines the latch. "And since there are no marks or scratches, the robber definitely did not try to break the lock." "I have no idea how he did it," says a bothered Ms. Gervis. "It is a big mystery." "And you say the robber stole nothing else ?" asks the detective. "No money, no jewellery, no crystal ?" "That's right, detective. He took only what was

important to me," Ms. Gervis says with a sigh. "There is only one thing I can do now." "And what is that ?" the detective asks with surprise. "I will stop baking cakes," Ms. Gervis says. "They are mine to give away. They are not for someone to steal." "You can't do that!" says the detective with alarm. "Who will bake those delicious cakes ?" "I am sorry. I do not know," says Ms. Gervis. "I must solve this case immediately!" says the detective.

70. What does Ms. Gervis say is a big mystery ?
    (A) How the robber got in
    (B) How the robber got in and out ✓
    (C) How the robber got out
    (D) How the robber stole

71. What was stolen ?
    (A) Crystal
    (B) Money
    (C) Cakes
    (D) Jewellery

72. Why does the detective say, "I must solve this case immediately ?"
    (A) Because Ms. Gervis is scared
    (B) Because Ms. Gervis is crying
    (C) Because Ms. Gervis is worried about who stole from her house
    (D) Because Ms. Gervis says she won't bake cakes again

73. What does the expression 'her hands are shaking' mean here ?
    (A) Ms. Gervis is shivering with fever
    (B) Ms. Gervis is shivering with wonder
    (C) Ms. Gervis is shivering with cold ·
    (D) Ms. Gervis is shivering with fear

74. Why does the detective say that the robber did not come through the front door ?
    (A) The latch was not opened
    (B) There was no doorbell
    (C) There was no lock ·
    (D) There were no scratches

Directions : *In questions no. 75 to 84, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error and blacken the oval (●) corresponding to the appropriate letter (A, B, C). If a sentence is free from error, blacken the oval corresponding to (D) in the Answer Sheet.*

75. When the weather is pleasant / it is nice / to go for a picnic. / No error.
    (A)   (B)   (C)   (D)

76. Many passer-bys / stopped at / the place of accident. / No error.
    (A)   (B)   (C)   (D)

77. The batsman completed / his century / on minimum number of balls. / No error.
    (A)   (B)   (C)   (D)

78. The accident was fatal / as the truck had a head-on collision / against a van. / No error.
    (A)   (B)   (C)   (D)

79. A real brave person is not he / who does not feel afraid / and one who conquers that fear. / No error.
    (A)   (B)   (C)   (D)

80. Its not proper / to talk loudly / over the telephone. / No error.
    (A)   (B)   (C)   (D)

81. I have known her / since three years / now. / No error.
    (A)   (B)   (C)   (D)

82. I am happy / because I had paid off / my bank loan. / No error.
    (A)   (B)   (C)   (D)

83. They blamed their teachers / of their poor performance / in the Board examination. / No error.
    (A)   (B)   (C)   (D)

84. Read the instructions with care / lest you may / misunderstand the questions. / No error.
    (A)   (B)   (C)   (D)

85. It is cool today, _____ ?
    (A) aren't it   (B) didn't it
    (C) wasn't it   (D) isn't it

86. The book ultimately reached the person _____ it belonged.
    (A) who   (B) where
    (C) to whom   (D) to who

87. Besides being reputed, he is famous for his _____ .
    (A) humanities   (B) hostility
    (C) humility   (D) humiliation

88. There was a queue of people in the rain, patiently waiting to get _____ the coach.
    (A) at   (B) on
    (C) onto   (D) in

89. I _____ a terrible dream last night.
    (A) had   (B) got
    (C) saw   (D) have

90. Mr. Ahamed went _____ a very tough time, when he incurred a loss in his business.
    (A) about   (B) off
    (C) through   (D) over

91. The lawyer advised the convict not to _____ anything.
    (A) hold up   (B) hold over
    (C) hold back   (D) hold in

92. Hospital services across the capital _____ for three hours due to the strike.
    (A) were disrupted
    (B) had been disrupted
    (C) are disrupted
    (D) have disrupted

93. The School Annual Sports Day is postponed and it would now _____ on the 14th of next month.
    (A) to be held   (B) been held
    (C) being held   (D) be held

94. The coach leaves at 5.20, so get to the station _____ that.
    (A) before   (B) after
    (C) until   (D) from

Directions : In questions no. 95 to 97, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

95. Disgrace
    (A) Disrespect   (B) Jealousy
    (C) Disregard   (D) Shame

96. Striking
    (A) Attractive   (B) Violent
    (C) Funny   (D) Hateful

97. Fiasco
    (A) Festival   (B) Failure
    (C) Fortune   (D) Feast

Directions : In questions no. 98 to 100, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

98. Gloomy
    (A) Heavy   (B) Gay
    (C) Sad   (D) Forlorn

99. Start
    (A) Continue   (B) Break
    (C) Begin   (D) Resume

100. Elation
    (A) Animation   (B) Bliss
    (C) Depression   (D) Pride

PART D : GENERAL AWARENESS

101. Image files can be sent along with the e-mail documents using
(A) Attachments
(B) Subject
(C) Signature
(D) CC & BCC

102. The invention of _____ led to the third generation of computers.
(A) Vacuum tubes
(B) Very Large Scale Integration (VLSI)
(C) Transistors
(D) Integrated chips

103. Hydrogen bomb is based on the principle of
(A) Double decomposition
(B) Artificial radioactivity
(C) Nuclear fission
(D) Nuclear fusion

104. The commonly used safety fuse-wire is made of
(A) an alloy of Nickel and Lead
(B) an alloy of Tin and Lead
(C) an alloy of Tin and Nickel
(D) an alloy of Lead and Iron

105. At what temperature is the density of water the maximum ?
(A) 2°C
(B) 4°C
(C) 0°C
(D) 1°C

106. The linear expansion of a solid rod is independent of its
(A) increase in temperature
(B) time of heat flow
(C) initial length
(D) material

107. Cathode rays when obstructed by metal cause emission of
(A) γ-rays
(B) X-rays
(C) α-rays
(D) β-rays

108. In a _____ network, all devices are connected to a device called a hub and they communicate through it.
(A) Ming
(B) Mesh
(C) Bus
(D) Star

109. Who is the father of biology ?
(A) Lamarck
(B) Robert Hooke
(C) Aristotle
(D) Pasteur

110. The smallest unit of classification is
(A) Species
(B) Genus
(C) Family
(D) Order

111. Arenchyma is present in
(A) Banana stem
(B) Palm stem
(C) Aquatic plants
(D) Xerophytic plants

112. The deficiency of vitamin A causes
(A) Scurvy
(B) Night blindness
(C) Beri-Beri
(D) Dermatitis

113. Clove is a
(A) Dried flower bud
(B) Flower
(C) Fruit
(D) Seed

114. The recently discovered field with oil potential in Krishna-Godavari Basin is called
(A) Ravva Offshore Block
(B) Golkunda Block
(C) Bombay High
(D) Telangana Block

115. Which of the following tribal groups are found in Manipur ?
(A) Kuki
(B) Mundas
(C) Bhils
(D) Khonds

116. Consider the following sea-ports :
1. Chennai   2. Machilipatnam
3. Nagapattinam   4. Tuticorin
The correct sequence of these ports from north to south is
(A) 1, 3, 2, 4
(B) 2, 1, 4, 3
(C) 1, 2, 4, 3
(D) 2, 1, 3, 4

117. Santa Cruz is
(A) an International airport in Chennai
(B) a Domestic airport in Chennai
(C) an International airport in Mumbai
(D) a Domestic airport in Mumbai

118. What is the name given to Moon Mission in India ?
   (A) Vikram I (B) Chandrayaan I
   (C) Kalpana II (D) Astrosat

119. Lira was the currency of which country ?
   (A) China (B) Australia
   (C) Japan (D) Italy

120. On heating, Gypsum loses certain percentage of its water content and becomes
   (A) Chalk
   (B) Calcium sulphate
   (C) Plaster of Paris
   (D) a pearl

121. Which one of the following is *not* an organ of the Government ?
   (A) Executive (B) Legislature
   (C) Sovereignty (D) Judiciary

122. The Almatti Dam is constructed on the river
   (A) Tungabhadra (B) Krishna
   (C) Kaveri (D) Sileru

123. The name of the scientist who discovered neutron is
   (A) Fermi (B) Rutherford
   (C) Chadwick (D) Bohr

124. The bubbles in Champagne and Soda are
   (A) Nitrogen
   (B) Oxygen
   (C) Carbon dioxide
   (D) Hydrogen

125. Nobel Peace Prize – 2013 was awarded to
   (A) Food and Agriculture Organization of the United Nations
   (B) Organization for Economic Cooperation and Development
   (C) Organization for the Prohibition of Chemical Weapons
   (D) World Health Organization of the United Nations

126. The State *not* ruled by the Congress political party during December 2013 is
   (A) Mizoram (B) Chhattisgarh
   (C) Haryana (D) Uttarakhand

127. Gobar gas contains mainly
   (A) Butane
   (B) Carbon monoxide
   (C) Methane
   (D) Carbon dioxide

128. "Carbon Credit" is a term associated with the
   (A) Global deforestation
   (B) Offshore banking
   (C) Protection of environment
   (D) Deforestation in India

129. The green colour of plant leaves is due to
   (A) Protein (B) Chlorophyll
   (C) Cellulose (D) Starch

130. Temperature is measured by the instrument called
   (A) Voltmeter (B) Calorimeter
   (C) Thermometer (D) Ammeter

131. As on December 2013, which of the following is the youngest political party ?
   (A) BSP (B) RJD
   (C) JD(U) (D) AAP

132. The pH of pure water is
   (A) Seven (B) Fourteen
   (C) Zero (D) One

133. The process of separation of pure water from impurities is called
   (A) Fractional crystallisation
   (B) Decantation
   (C) Distillation
   (D) Sublimation

134. H_2SO_4 *cannot* be used as
   (A) Disinfectant
   (B) Food preservative
   (C) Drying agent
   (D) Dehydrating agent

135. Who is the Supreme Commander-in-Chief of the armed forces ?
    (A) Prime Minister
    (B) Defence Minister
    (C) President ·
    (D) Vice-President

136. To make tools and weapons, the earliest inhabitants of India used
    (A) clay   (B) wood
    (C) stones   (D) bronze

137. Name an Indian Saint (priest) who attended the 'World Congress of Religions' held at Chicago (U.S.) in 1893.
    (A) Basaveshwara
    (B) Swami Vivekananda
    (C) Ramanuja
    (D) Madhavacharya

138. Chhatrapati Shivaji was a follower of
    (A) Madhava   (B) Kabir
    (C) Basava   (D) Ramadasa

139. Who was the greatest Kushan ruler ?
    (A) Vashiska   (B) Vasudeva
    (C) Huvishka   (D) Kanishka /

140. Who was the founder of Arya Samaj ?
    (A) Kabir Das
    (B) Shankaracharya
    (C) Ranade
    (D) Dayanand Saraswati /

141. Which one of the following is an abiotic resource ?
    (A) Mineral oil   (B) Water
    (C) Forest   (D) Coal

142. The concept of Judicial Review has been borrowed from the Constitution of
    (A) France   (B) Great Britain
    (C) U.S.A.   (D) U.S.S.R.

143. In the Constitution of India, the budget is known as
    (A) Annual Financial Statement
    (B) Annual Revenue Statement
    (C) Annual Budget Statement
    (D) Annual Expenditure Statement

144. A portion of an individual's total income is spent on consumption. The remaining part is called
    (A) Savings ✓   (B) Deposits
    (C) Surplus   (D) Excess

145. Phase of increasing returns is otherwise called
    (A) increasing cost
    (B) decreasing cost
    (C) increasing revenue
    (D) decreasing revenue

146. Monopoly refers to
    (A) competition among monopolists
    (B) absence of competition
    (C) a firm charging different prices to different customers
    (D) a market situation in which there is only one buyer of a commodity and one seller

147. Which is the second most populous State of India as per Census 2011 ?
    (A) West Bengal   (B) Rajasthan ·
    (C) Maharashtra   (D) Bihar

148. Which of the following countries has a Parliamentary form of Government ?
    (A) New Zealand
    (B) Cuba
    (C) United States of America ✓
    (D) France

149. Primary sector of an economy includes
    (A) Service sector rendering services like banking, transport, etc. which are of primary importance
    (B) Important enterprises of the manufacturing sector
    (C) Industrial sector which is of primary importance for the economy
    (D) Agriculture and allied activities

150. Liquidity preference theory of interest is propounded by
    (A) J.S. Mill   (B) A. Marshall
    (C) I. Fisher   (D) J.M. Keynes