STAFF SELECTION COMMISSION

MULTI TASKING (NON- TECHNICAL) STAFF EXAM - 2014

HELD ON 23-02-2014   Test Form

Evening Session(2 PM - 4 PM) **CU 2013**   **101 PK 2**

Time Allowed : 2 Hours (For VH Candidates : 2 hrs. 40 min.)   Maximum Marks : 150
निर्धारित समय : 2 घंटे (दृष्टिबाधित 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.
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-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. **(For 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, जिसमें 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 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 के Side-I में निर्देशावली के अनुसार ध्यानपूर्वक अपना *नाम, रोल नम्बर, टिकट नम्बर और टेस्ट फ़ॉर्म संख्या* 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 । 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 बाएँ 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 सही 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 रद कर देने सहित ।"

इस पुस्तिका की सील तब तक न खोलें जब तक कहा न जाए

PART A : GENERAL INTELLIGENCE AND REASONING

1. One morning, Rita started to walk toward the sun. After walking a while, she turned to her left and again to her left. After walking a while, she again turned right. Which direction is she facing now ?

   (A) East   (B) West

   (C) North   (D) South

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

   $$8 * 8 * 1 * 7 = 8$$

   (A) $\times \div +$ (B) $+ \div \times$

   (C) $\div \times +$ (D) $+ \times \div$

3. Some equations are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis.

   $$678 = 366, \quad 567 = 255, \quad 946 = ?$$

   (A) 334   (B) 499

   (C) 699   (D) 634

4. Select the missing number from the given responses.

25	49	16
36	81	64
11	16	?

   (A) 12   (B) 20

   (C) 18   (D) 13

5. Which one of the given responses would be a meaningful order of the following ?

   1. Weaving   2. Cotton
   3. Cloth   4. Thread

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

   (C) 4, 2, 1, 3   (D) 3, 1, 4, 2

Directions : In questions no. 6 and 7, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

6. 0, 3, 8, 15, 24, __?__ , 48

   (A) 41   (B) 29

   (C) 37   (D) 35

7. AC, FH, KM, PR, __?__

   (A) UX   (B) TV

   (C) UW   (D) VW

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

   PORTFOLIO

   (A) RIFT   (B) ROOF

   (C) FORT   (D) PORTICO

9. In a coded language, BRINJAL is written as LAJNIRB. How will LADYFINGER be written in that code ?

   (A) RNEGIFYDAL

   (B) RINEGIFYDAL

   (C) REGNIFYDAL

   (D) RGENIFYDAL

10. Introducing Asha to guests, Bhaskar said, "Her father is the only son of my father." How is Asha related to Bhaskar ?

    (A) Niece   (B) Grand-daughter

    (C) Mother   (D) Daughter

Directions : *In questions no. 11 to 14, select the related word/letters/number from the given alternatives.*

11. Plant : Seed : : _?_ : Bud

    (A) Leaf   (B) Twig

    (C) Flower   (D) Fruit

12. BFG : EIJ : : RVW : _?_

    (A) UWY   (B) UYZ

    (C) SWX   (D) QUV

13. 8 : 56 : : 9 : _?_

    (A) 10   (B) 63

    (C) 7   (D) 9

14. Magazine : Editor : : Drama : _?_

    (A) Director   (B) Player

    (C) Manager   (D) Actor

Directions : *In questions no. 15 to 17, select the one which is different from the other three alternatives.*

15. (A) FIJL   (B) RUVX

    (C) DGHJ   (D) NPQS

16. (A) 8 – 11   (B) 1 – 4

    (C) 7 – 10   (D) 3 – 5

17. (A) Quran   (B) Gita

    (C) Panchsheel   (D) Bible

18. Five friends 'P', 'Q', 'R', 'S' and 'T' are sitting in a row facing North. Here 'S' is between 'T' and 'Q' and 'Q' is to the immediate left of 'R'. 'P' is to the immediate left of 'T'. Who is in the middle ?

    (A) S   (B) T

    (C) Q   (D) R

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 crows are birds.

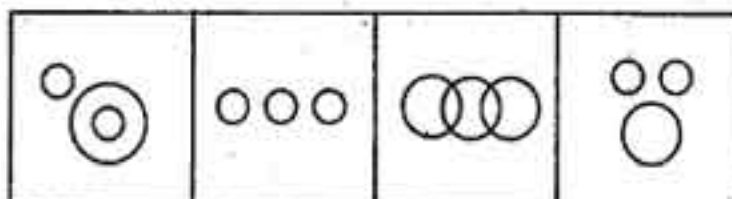   All peacocks are crows.

    Conclusions :

    I. All peacocks are birds.

    II. All birds are peacocks.

    (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 :
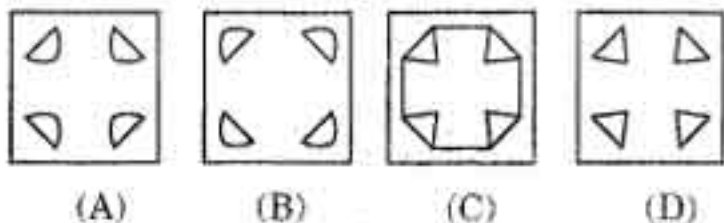
    Police, Thief, Criminal

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

21. 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.
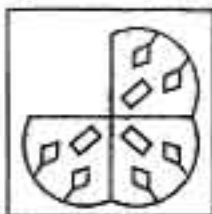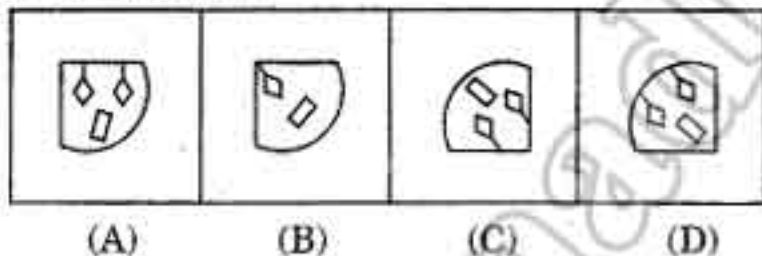
Question figures :

Answer figures :

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

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

Question figure :
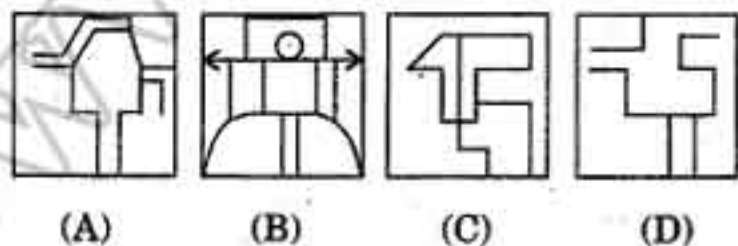

Answer figures :

(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 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 00, 13, 32, etc., and 'S' can be represented by 55, 76, 87, etc. Similarly, you have to identify the set for the word given below :

CART

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

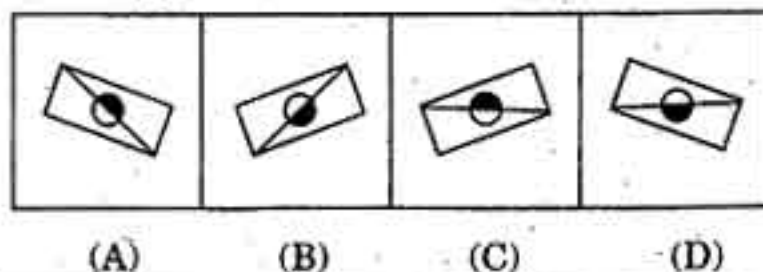|	5	6	7	8	9
5	S	B	K	T	C
6	B	C	T	K	S
7	T	S	C	B	K
8	K	T	S	C	B
9	C	K	B	S	T

(A)   65, 33, 40, 86

(B)   66, 12, 40, 58

(C)   88, 44, 31, 89

(D)   59, 20, 32, 89

25. 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)
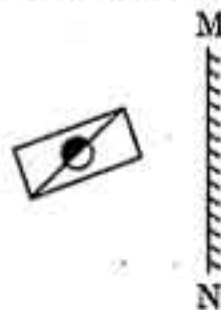
FOR VISUALLY HANDICAPPED CANDIDATES ONLY

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

    b a b _ a b a _ _ a _ _ b a a

    (A) a, a, a, a, a

    (B) a, a, a, a, b

    (C) a, a, b, a, a

    (D) a, b, a, b, a

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

    1. Institution   2. Instigation

    3. Inspiration   4. Installation

    (A) 2, 3, 4, 1

    (B) 3, 4, 1, 2

    (C) 4, 3, 2, 1

    (D) 3, 4, 2, 1

22. 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 the given letters.

    E K L G W P J F Z X
    3 4 6 2 1 0 5 7 8 9

    Given letters : G E W P F J

    (A) 213075

    (B) 231075

    (C) 123075

    (D) 213750

23. Gopal is taller than Rakesh. Rakesh is taller than Jay. Bappa is taller than Gopal, but shorter than Naresh. Who is the tallest ?

    (A) Jay

    (B) Naresh

    (C) Bappa

    (D) Gopal

24. A is 3 years older to B and 3 years younger to C, while B and D are twins. How many years older is C to D ?

    (A) 2 years

    (B) 12 years

    (C) 3 years

    (D) 6 years

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

    36, 18, 9

    (A) 11, 22, 33

    (B) 8, 4, 2

    (C) 42, 21, 7

    (D) 31, 13, 9

PART B : NUMERICAL APTITUDE

26. If the loss on an article is 5% and its cost price is ₹ 90, find the selling price.
(A) ₹ 95·50 (B) ₹ 85·50
(C) ₹ 85 (D) ₹ 95

27. A defective T.V. costing ₹ 5,000 is being sold at a loss of 50%. If the price is further reduced by 50%, then its selling price is
(A) ₹ 1,225 (B) ₹ 1,250
(C) ₹ 1,025 (D) ₹ 1,200

28. A grocer buys 10 dozens of eggs at ₹ 18 per dozen from the wholesale market. Out of these, 10 eggs were found broken and had to be thrown away. At what price per egg should he sell them so as to make a profit of 10%, if he spent ₹ 24 on transportation ?
(A) ₹ 2·00 (B) ₹ 2·25
(C) ₹ 2·40 (D) ₹ 2·50

29. The length of a rectangle is increased by 40% and its breadth decreased by 30%. The change in the area of the rectangle is
(A) 2% increase (B) 2% decrease
(C) 10% increase (D) 10% decrease

30. A businessman marks his goods at such price that after allowing a discount of 15%, he makes a profit of 20%. The marked price (in ₹) of an article having cost price ₹ 170 is
(A) 236 (B) 220
(C) 240 (D) 204

31. The least ratio among 10 : 18, 7 : 21, 12 : 16, 8 : 20 is
(A) 12 : 16 (B) 8 : 20
(C) 10 : 18 (D) 7 : 21

32. If x be the mean proportion between $(x-2)$ and $(x-3)$, then the value of x is
(A) 6 (B) 5
(C) 6/5 (D) 5/6

33. The ratio of the number of boys and girls in a Government aided school is 3 : 2. 20% of the boys and 25% of the girls are not scholarship holders. The percentage of students who are scholarship holders is
(A) 70% (B) 48%
(C) 60% (D) 78%

34. The average of 10, 12, 16, 20, p and 26 is 17. Find the value of p.
(A) 17 (B) 18
(C) 15 (D) 16

35. A motor-cycle covers 40 km with a speed of 20 km/hr. Find the speed of the motor-cycle for the next 40 km journey so that the average speed of the whole journey will be 30 km/hr.
(A) 70 km/hr (B) 52·5 km/hr
(C) 60 km/hr (D) 60·5 km/hr

36. If the ratio of the areas of two squares is 1 : 4, the ratio of their perimeters is
(A) 1 : 6 (B) 1 : 8
(C) 1 : 2 (D) 1 : 4

37. Perimeter of a triangle is 24 metres and circumference of its incircle is 44 metres. Find the area of the triangle.
(A) 42 metres^2 (B) 24 metres^2
(C) 48 metres^2 (D) 84 metres^2

38. Find the rate of discount when marked price is ₹ 250 and selling price is ₹ 235.
(A) 6·0% (B) 7·0%
(C) 6·5% (D) 5·0%

39. The list price of a watch is ₹ 160. After two successive discounts, it is sold for ₹ 122·40. If the first discount is 10%, what is the rate of the second discount ?
(A) 13% (B) 18%
(C) 16% (D) 15%

40. H.C.F. of the reciprocals of the fractions $\frac{3}{4}$, $\frac{9}{10}$ and $\frac{15}{16}$ is
(A) $\frac{3}{15}$ (B) $\frac{3}{80}$
(C) $\frac{1}{15}$ (D) $\frac{2}{45}$

41. What should come in place of the question mark (?) in the following question ?
$$31^{7 \cdot 5} \div 31^{3/2} \times 31^{-3} = \left(\sqrt{31}\right)^{?}$$
(A) 9/2 (B) 6
(C) 7/2 (D) 4

42. 30 men can produce 1500 units in 24 days working 6 hours a day. In how many days, can 18 men produce 1800 units working 8 hours a day ?
(A) 18 days (B) 32 days
(C) 36 days (D) 45 days

43. 4 men and 6 children can complete a work in 8 days while 3 men and 7 children can complete the same work in 10 days. If 20 children only work, the work will be completed in
(A) 20 days (B) 22 days
(C) 15 days (D) 18 days

44. If a sum of money at simple interest doubles in 5 years, it will become 4 times in how many years ?
 (A) 18 (B) 16
 (C) 15 (D) 20

45. If the discount sales reduce from $3\frac{1}{2}$% to $3\frac{1}{3}$%, what difference does it make to purchases for ₹ 12,102 ?
 (A) ₹ 20·17 (B) ₹ 16·35
 (C) ₹ 15·35 (D) ₹ 17·35

46. A bus can complete a journey in 12 hours. The first half is completed at 22 km/hr and the second half at 26 km/hr. Find the distance.
 (A) 280 km (B) 284 km
 (C) 286 km (D) 288 km

47. A man takes 6 hours 30 minutes in walking to a certain place and riding back. He would have gained 2 hours 10 minutes by riding both ways. How long would he take to walk both ways ?
 (A) 8 hours 20 minutes
 (B) 4 hours 10 minutes
 (C) 8 hours 40 minutes
 (D) 4 hours 20 minutes

48. A certain sum of money becomes ₹ 2,250 at the end of 2 years and becomes ₹ 2,625 at the end of 5 years. If the person receives only simple interest, then the rate of interest is
 (A) 6·25% (B) 5%
 (C) 8% (D) 6·5%

49. The line graph below shows the number of houses sold each month by a real estate agent for the first six months of the year. Between which two months did sales increase the most ?

Real Estate Sales

 (A) April – May (B) May – June
 (C) January – February (D) March – April

50. The pie-diagram shows the expenditure incurred on the preparation of a book by a publisher, under various heads.

 A. Paper 20%
 B. Printing 25%
 C. Binding etc., 30%
 D. Miscellaneous 10%
 E. Royalty 15%
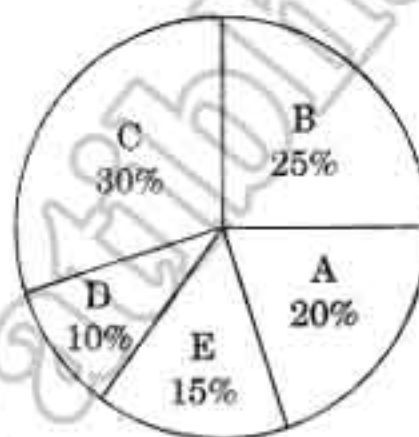
Which two expenditures together will form an angle of 108° at the centre of the diagram ?

 (A) A and D (B) D and E
 (C) A and E (D) B and E

FOR VISUALLY HANDICAPPED CANDIDATES ONLY

49. A and B start at the same time from P and Q (55 km apart) to Q and P at 3 and $2\frac{1}{2}$ km an hour respectively, meet at R, reach Q and P; return immediately and meet again at S. The distance from R to S, in km, is
 (A) 11 (B) 9
 (C) 8 (D) 10

50. If 12 men will complete a work in 20 days, then 8 persons will complete the same work in
 (A) 35 days (B) 40 days
 (C) 30 days (D) 26 days

SPACE FOR ROUGH WORK / रफ़ कार्य के लिए स्थान

PART C : GENERAL ENGLISH

Directions : In questions no. 51 to 60, 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.

51. He does not _____ any fixed principle.
    (A) go through   (B) go about
    (C) go with   (D) go upon

52. My finger is still _____ where I caught it in the door yesterday.
    (A) broken   (B) wounded
    (C) bruised   (D) injured

53. A trader was _____ at the city airport early on Thursday for carrying gold jewellery worth over ₹ 1 crore.
    (A) hindered   (B) detained
    (C) retaine 1   (D) blocked

54. A book's a book _____ there is nothing in it.
    (A) because   (B) unless
    (C) till   (D) although

55. _____ knocking at the gate, he demanded admission.
    (A) Cruelly   (B) Kindly
    (C) Speedily   (D) Loudly

56. I _____ the job if you had paid me enough.
    (A) would have done
    (B) had done
    (C) will do
    (D) would do

57. As soon as he got the telegram, he _____ in a taxi.
    (A) would have left   (B) left
    (C) had left   (D) has left

58. We had difficulty _____ finding a parking place.
    (A) at   (B) about
    (C) in   (D) for

59. The peasant rebellion was _____ with a high hand by the Emperor.
    (A) put off   (B) put away
    (C) put back   (D) put down

60. That car is throwing _____ a lot of smoke.
    (A) out   (B) up
    (C) away   (D) in

Directions : In questions no. 61 to 63, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

61. Flung
    (A) Threw   (B) Caught
    (C) Cast   (D) Spat

62. Encountered
    (A) Faced   (B) Solved
    (C) Entered   (D) Entertained

63. Redeem
    (A) Punish   (B) Save
    (C) Forget   (D) Forgive

Directions : In questions no. 64 to 66, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

64. Encouraged
    (A) Opposed   (B) Mugged
    (C) Supported   (D) Dispirited

65. Revoke
    (A) Negate   (B) Annul
    (C) Invalidate   (D) Implement

66. Calculative
    (A) Naive   (B) Gentle
    (C) Docile   (D) Careful

Directions : In questions no. 67 to 69, 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.

67. I have recently changed my job and I am going to have teething problems.
    (A) difficulties at the start
    (B) difficulties at the end
    (C) difficulties all the time
    (D) problem with my teeth

68. The soldiers fought <u>tooth and nail</u> to save their country.
    (A) using unfair means
    (B) with strength and fury
    (C) with weapons
    (D) as best as they could

69. Chetan is very upset because the new manager always <u>picks on</u> him.
    (A) advises
    (B) warns severely
    (C) selects
    (D) treats badly

Directions : In questions no. 70 to 74, 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.

70. The carpenter has been given a <u>routine</u> to finish his job.
    (A) framework
    (B) deadline
    (C) limitation
    (D) No improvement

71. The labourers are <u>bent at</u> getting what is due to them.
    (A) bent for
    (B) bent upon
    (C) bent in
    (D) No improvement

72. Although the goal-keeper was responsible for the defeat in the important football match, <u>nobody blamed him.</u>
    (A) still nobody blamed him
    (B) nevertheless nobody blamed him
    (C) yet nobody blamed him
    (D) No improvement

73. The children found the story <u>funny</u>.
    (A) humorous
    (B) bad
    (C) ridiculous
    (D) No improvement

74. <u>The cattle are fed</u> on barley and grass.
    (A) cattles are fed
    (B) cattles are feeding
    (C) cattle is fed
    (D) No improvement

Directions : In questions no. 75 to 79, 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.

75. Liable to be easily broken.
    (A) Translucent
    (B) Brittle
    (C) Unhealthy
    (D) Opaque

76. A room or building for the preservation of plants.
    (A) Plantation
    (B) Farmyard
    (C) Greenhouse
    (D) Plantain

77. A large number of fish swimming together.
    (A) Troupe
    (B) Swarm
    (C) Litter
    (D) Shoal

78. A list of things to be discussed at a meeting.
    (A) Minutes
    (B) Issues
    (C) Agenda
    (D) Data

79. A figure with many angles or sides.
    (A) Hexagon
    (B) Octagon
    (C) Polygon
    (D) Pentagon

Directions : In questions no. 80 to 85, 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.

80. (A) Embarassment
    (B) Embarasment
    (C) Emmbarrassment
    (D) Embarrassment

81. (A) Perseverence
    (B) Perseverance
    (C) Parseverance
    (D) Persiverance

82. (A) Inntelligence
    (B) Intelegence
    (C) Intelligence
    (D) Intellegence

83. (A) Afilliate
    (B) Affilliate
    (C) Afilaite
    (D) Affiliate

84. (A) Accommodation
    (B) Accommdation
    (C) Acommodation
    (D) Accomodation

85. (A) Consentious
    (B) Conscientious
    (C) Conciencious
    (D) Conscentious

Directions : In questions no. 86 to 90, 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.

Once upon a time, a businessman named Ray Kroc discovered a restaurant owned by two brothers. The restaurant served just four things: hamburgers, French fries, milk shakes and coca cola. But it was clean and inexpensive, and the service was quick. Mr. Kroc liked it so much that he paid the brothers so that he could use their idea and their name: McDonald's.

Beef, big business and fast service were the ingredients when Mr. Kroc opened his first McDonald's in 1955. Four years later, there were 100 of them. Kroc knew Americans liked success. So he put signs saying how many millions of McDonald's hamburgers people had bought. In just four years, the number was one hundred million. Now, there are more than 13,000 McDonald's restaurants from Dallas to Paris and from Moscow to Beijing.

Anyone who wants to open a McDonald's must first work in one for a week. Then, they do a nine-month training programme, in the restaurants and at "McDonald's University" in Chicago. There they learn the McDonald's philosophy: quality control, service, cleanliness and cheap prices. McDonald's has strict rules, Hamburgers must be served before they are ten minutes old, and French fries, seven.

McDonald's has never stopped looking for new methods to attract customers, from drive-in windows to birthday parties. Chicken, fish, salad and, in some places, pizza are now on the menu. McDonald's in Holland even sells a vegetarian burger. Their international popularity shows they have found the recipe for success.

86. How did putting up signs of his success in America help Mr. Kroc ?

(A) People could work in the outlets for a week

(B) People could apply for jobs

(C) Children would visit the outlets more

(D) Americans would encourage him and buy more hamburgers

87. What made the restaurant popular ?

(A) The servers were kind

(B) The ingredients used were genuine

(C) It was owned by two brothers

(D) It was clean and inexpensive

88. What is McDonald's philosophy ?

(A) Quality control, service, cleanliness and high prices

(B) Quality control, cleanliness and cheap prices

(C) Quality control, service and cheap prices

(D) Quality control, service, cleanliness and cheap prices

89. Who is McDonald's named after ?

(A) Two brothers unrelated to Mr. Kroc

(B) Two brothers related to Mr. Kroc

(C) Mr. Kroc's two sons

(D) Mr. Kroc's two brothers

90. Which statement is false ?

(A) McDonald's is not innovative in their methods.

(B) McDonald's is both a domestic and international food chain.

(C) McDonald's is a rapidly growing food chain.

(D) McDonald's is not a multi-cuisine restaurant.

Directions : In questions no. 91 to 100, 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.

91. There is no agreement / between you and I / so we are free to go our way. / No error.
        (A)   (B)   (C)   (D)

92. His father would / rather die than / to beg from door to door. / No error.
        (A)   (B)   (C)   (D)

93. He is guilty / for killing / an innocent bird. / No error.
        (A)   (B)   (C)   (D)

94. I have just come / to know that Mr. Ray, one of my favourite / teachers, died with cancer recently. /
        (A)   (B)   (C)

     No error.
     (D)

95. Many persons must have read / 'The Arabian Nights', / which is very interesting. / No error.
        (A)   (B)   (C)   (D)

96. We should make green vegetables / an essential part of our daily diet, / shouldn't we ? / No error.
        (A)   (B)   (C)   (D)

97. He has promised / to pay me the whole amount / in cheque with the stipulated time. / No error.
        (A)   (B)   (C)   (D)

98. We must have / sympathy for / needy and the poor. / No error.
     (A)   (B)   (C)   (D)

99. When I left / the house at 9 o'clock / my son was still at home. / No error.
     (A)   (B)   (C)   (D)

100. I did not receive / any letter from my parents / for the last two months. / No error.
        (A)   (B)   (C)   (D)

PART D : GENERAL AWARENESS

101. The film which won the Audience Award at the Locarno Film Festival in Switzerland is

(A) *Nayak* (B) *Lagaan*

(C) *Yaadein* (D) *Dil Chahta Hai*

102. Which of the following is the basic characteristic of a living organism ?

(A) Ability to breathe

(B) Ability to reproduce

(C) Ability to move

(D) Ability to eat

103. Radioactivity was discovered by

(A) Rutherford (B) Henri Becquerel

(C) Roentgen (D) Einstein

104. Myopia is a disease connected with

(A) Lungs (B) Brain

(C) Ears (D) Eyes

105. Lok Sabha and Rajya Sabha had passed the Lokpal Bill with more strong amendments in

(A) 2012 (B) 2013

(C) 2009 (D) 2011

106. How many assembly segments are there as per Vidhan Sabha Elections 2013 in Delhi ?

(A) 70 (B) 72

(C) 66 (D) 68

107. Jim Corbett National Park is situated in

(A) Uttarakhand

(B) Andhra Pradesh

(C) Madhya Pradesh

(D) Himachal Pradesh

108. Who was the founder of 'Ghadar Party' ?

(A) Sachindranath Sanyal

(B) Chandrashekhar Azad

(C) Lala Har Dayal

(D) Batukeshwar Dutt

109. Socialism is essentially a movement of

(A) intellectuals

(B) the poor people

(C) the middle classes

(D) the workers

110. The open "Sigrees" or coal stoves often require fanning to sustain burning because of

(A) tendency of carbon dioxide to form a layer along with dust smoke

(B) lack of oxygen in the surroundings of sigrees

(C) accumulation of smoke and dust over the sigrees

(D) interrupted release of moisture from the material

111. Green house effect is the heating up of the Earth's atmosphere which is due to

(A) the ultraviolet rays

(B) γ-rays

(C) the infra-red rays

(D) X-rays

112. Browning of paper in old books is caused by

(A) frequent use

(B) lack of aeration

(C) collection of dust

(D) oxidation of cellulose

113. Who was popularly known as Africa's Gandhi ?

(A) Mir Karzai (B) Nelson Mandela

(C) Firoz Gandhi (D) M.K. Gandhi

114. Aquaregia is a mixture of the following in the ratio 1 : 3 by volume

(A) conc. HNO_3 and conc. HCl

(B) conc. HNO_3 and conc. H_2SO_4

(C) dil. HCl and dil. HNO_3

(D) conc. HCl and conc. HNO_3

115. In deep-sea diving, divers use a mixture of gases consisting of oxygen and

(A) hydrogen (B) nitrogen

(C) argon (D) helium

116. Which one of the following terms describes not only the physical space occupied by an organism, but also its functional role in the community of organisms ?

(A) Eco-niche (B) Ecosystem

(C) Ecozone (D) Habitat

117. Name the body which has replaced the U.N. Commission on Human Rights.
(A) Secretariat
(B) Human Rights Council
(C) Trusteeship Council
(D) Economic and Social Council

118. When was the first Central Legislative Assembly constituted?
(A) 1922   (B) 1923
(C) 1921   (D) 1920

119. Who passed the Indian Universities Act?
(A) Lord Lytton   (B) Lord Curzon
(C) Lord Minto   (D) Lord Ripon

120. Name the Indian king who warmly received the Portuguese traveller Vasco da Gama when he landed at Calicut.
(A) Asaf Jah Ismail Mulk
(B) Devaraya
(C) Zamorin
(D) Krishnadevaraya

121. The Great Wall of China was built by
(A) Li-tai-pu   (B) Shih Huang-ti
(C) Lao-tze   (D) Confucius

122. The saviour of the Delhi Sultanate was
(A) Qutub-ud-din Aibak
(B) Minas-us-Siraj
(C) Iltutmish
(D) Ghias-ud-din Balban

123. Sriperumbudur is the birthplace of
(A) Sri Madhvacharya
(B) Sri Basavanna
(C) Sri Shankaracharya
(D) Sri Ramanujacharya

124. The easternmost peak of the Himalayas is
(A) Namcha Barwa   (B) Annapurna
(C) Kanchenjunga   (D) Mount Everest

125. Which of the following is *not* a notable industrial city?
(A) Kanpur   (B) Mumbai
(C) Jamshedpur   (D) Allahabad

126. An economy which does *not* have any relation with the rest of the world is known as
(A) Socialist economy
(B) Closed economy
(C) Open economy
(D) Mixed economy

127. In which State is the literacy rate of women the highest?
(A) Kerala   (B) Maharashtra
(C) Tamil Nadu   (D) West Bengal

128. Which of the following economists is called the Father of Economics?
(A) Malthus   (B) Robinson
(C) Ricardo   (D) Adam Smith

129. Returns to scale is a
(A) timeless phenomenon
(B) directionless phenomenon
(C) short-run phenomenon
(D) long-run phenomenon

130. Rent is a factor payment paid to
(A) land   (B) restaurant
(C) building   (D) factory

131. Name the two non-permanent Houses in the Parliamentary set-up of India.
(A) The Rajya Sabha and Vidhan Sabha
(B) The Lok Sabha and Vidhan Parishad
(C) The Rajya Sabha and Vidhan Parishad
(D) The Lok Sabha and Vidhan Sabha

132. The Mandal Commission Report refers to
(A) the Other Backward Classes
(B) the Scheduled Tribes
(C) the Minorities
(D) the Scheduled Castes

133. How many Fundamental Rights were granted initially?
(A) Six   (B) Seven
(C) Four   (D) Five

134. 'Atomic theory' of matter was given by
     (A) Avogadro   (B) Dalton
     (C) Newton   (D) Pascal

135. The weight of a body acts through the centre of
     (A) gravity
     (B) mass
     (C) both (A) and (B)
     (D) buoyancy

136. A wheel-barrow is an example of
     (A) class III lever   (B) pulley system
     (C) class I lever   (D) class II lever

137. CRM in the context of software applications means
     (A) Customer's Relatives Meet
     (B) Channel Route Market
     (C) Customer Relationship Management
     (D) Customer Retention Manager

138. A Supercomputer would be used for which one of the following applications ?
     (A) Business Computing
     (B) Desktop Publishing
     (C) Weather Forecasting
     (D) Computer Aided Designing

139. How many types of recipients are there in an e-mail system ?
     (A) Three   (B) Four
     (C) One   (D) Two

140. Combustion of a candle is a/an
     (A) photochemical reaction
     (B) physical change
     (C) endothermic reaction
     (D) exothermic reaction

141. Which among the following is a covalent compound ?
     (A) Calcium chloride
     (B) Magnesium fluoride
     (C) Sodium chloride
     (D) Carbon tetrachloride

142. In a poultry unit, the factor most influencing the cost is the cost of
     (A) feed   (B) transportation
     (C) chicks   (D) medicines

143. Which one of the following rivers flows between Vindhya-Satpura ranges ?
     (A) Chambal   (B) Ken
     (C) Godavari   (D) Narmada

144. The highest volume of gases in lower atmosphere is comprised of
     (A) Hydrogen   (B) Carbon dioxide
     (C) Oxygen   (D) Nitrogen

145. de Vries proposed
     (A) Theory of Speciation
     (B) Theory of Crossing over
     (C) Theory of Natural Selection
     (D) Theory of Mutation

146. Haemoglobin in the blood is a complex protein rich in
     (A) Iron   (B) Silver
     (C) Copper   (D) Gold

147. Vitamin C is also known as
     (A) Amino acid   (B) Ascorbic acid
     (C) Acetic acid   (D) Azelaic acid

148. Which of the following is **not** a stem modification ?
     (A) Bulb of Onion
     (B) Corm of Arvi
     (C) Tuber of Sweet-potato
     (D) Tuber of Potato

149. Clitellum is found in
     (A) Leech   (B) Snail
     (C) Nereis   (D) Earthworm

150. Clouds float in the atmosphere because of their
     (A) low pressure
     (B) low density
     (C) low viscosity
     (D) low temperature