

S.S. Singh King - 17/3/13

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

**Test Form No.**  
**टेस्ट फॉर्म संख्या**  
**000 KO 1**

**VW 2013**

**DW 1001377**

**Time Allowed : 2 Hours (For V.H. Candidates : 2 hrs. 40 min.)**

**Maximum Marks : 150**

**निर्धारित समय : 2 घण्टे (दृष्टिबाधित उम्मीदवारों के लिए : 2 घण्टे 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 निम्नलिखित अनुदेशों को ध्यान से पढ़ लें ।**

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

INSTRUCTIONS TO CANDIDATES	उम्मीदवारों के लिए अनुदेश
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)	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 अंग्रेजी (50 प्रश्न) भाग-घ : सामान्य जानकारी (50 प्रश्न)
2. In questions set bilingually in English and Hindi, in case of discrepancy, the English version will prevail.	2. अंग्रेजी और हिन्दी भाषा में तैयार किए गए द्विभाषी प्रश्नों में कोई विरोधाभास होने की स्थिति में अंग्रेजी विवरण मान्य होगा ।
3. All questions are compulsory and carry equal marks.	3. सभी प्रश्न अनिवार्य हैं तथा सबके बराबर अंक हैं ।
4. The paper carries negative marking. 0.25 marks will be deducted for each wrong answer.	4. प्रश्न पत्र में नकारात्मक अंकन होगा । हर गलत उत्तर के लिए 0.25 अंक काटा जाएगा ।
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.	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. You will be supplied the Answer-Sheet separately by the invigilator. You must complete and code the details of Name, Roll Number, Ticket Number and Test Form Number on Side-I of the Answer-Sheet carefully. You must also put your signature and Left-Hand thumb impression on the Answer-Sheet at the prescribed place before you actually start answering the questions. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark. (V.H. candidates will have to ensure that these details are filled in by the scribe. However, all V.H. candidates must put their left-hand thumb impression at the space provided in the Answer-Sheet. Those V.H. candidates who can sign should also put their signatures in addition to thumb impression.)	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 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. 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.	7. उत्तर-पत्रिका में सभी उत्तर Side-II में प्रश्न संख्या के सामने दिये गये सम्बन्धित अण्डाकार खानों को केवल काले/नीले बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ । जो अण्डाकार खाने काले/नीले बॉल-पॉइंट पेन से नहीं भरे जाएँगे, उनके लिए कोई अंक नहीं दिया जाएगा ।
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.	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 अभ्यर्थी को 'शून्य' अंक दिया जाएगा ।
9. The Answer-Sheet must be handed over to the invigilator before you leave the Examination-Hall.	9. परीक्षा-भवन छोड़ने से पहले परीक्षार्थी को उत्तर-पत्रिका निरीक्षक के हवाले कर देनी चाहिए ।
10. Failure to comply with any of the above instructions will render a candidate liable to such action / penalty as may be deemed fit.	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. 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.	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. 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.	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. In lieu of Question Nos. 17 to 25 and 49 & 50 relating to figural portions, alternate questions have been provided to be attempted by V.H. Candidates only.	13. आकृति से सम्बन्धित प्रश्न संख्या 17 से 25 तथा 49 और 50 के बदले में केवल दृष्टिबाधित उम्मीदवारों द्वारा हल किए जाने के लिए वैकल्पिक प्रश्न दिए गए हैं ।
14. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions.	14. कोई रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है । रफ़ कार्य के लिए स्थान प्रश्नों के नीचे दिया गया है ।
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."	15. "परीक्षा हॉल/कमरों में मोबाइल फोन तथा बेतार संचार साधन पूरी तरह निषिद्ध हैं । प्रत्याशियों को उनके अपने हित में सलाह दी जाती है कि मोबाइल फोन/किसी अन्य बेतार संचार साधन को स्विच ऑफ़ 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 अभ्याथिता रद्द कर देने सहित ।"

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

**VW 2013**



## Part - A

## GENERAL INTELLIGENCE &amp; REASONING

**Directions :** In question Nos. 1 to 3, select the related word / letters / number from the given alternatives.

1. CAT : 21 :: DOG : ?  
(A) 23 (B) 24 (C) 25 (D) 26
2. Painting : Art :: ? : Dance  
(A) Meerabai (B) Function  
(C) Kathak (D) Tabla
3. ADIP : DGSL :: BEJQ : ?  
(A) EHMT (B) EJQU  
(C) CGLS (D) FINU
4. Find the missing number.  
10, 12, 9, 13, 8, ?, 7  
(A) 11 (B) 7 (C) 14 (D) 12

**Directions :** In question Nos. 5 to 7, find the odd number / letters / word from the given alternatives.

5. (A) Heart (B) Kidney  
(C) Spleen (D) Liver
6. (A) ACEG (B) MOQS  
(C) GHJL (D) RTVX
7. (A) 1 (B) 2 (C) 3 (D) 4
8. Arrange the following in dictionary order. Then which will be the third word?  
(1) Particular (2) Particle  
(3) Participate (4) Partiality  
(A) 2 (B) 3 (C) 4 (D) 1
9. If D is the daughter of A, D is the sister of M and A's brother is C, how are C and M related?  
(A) Mother and Daughter  
(B) Uncle and Niece  
(C) Father and Daughter  
(D) Aunt and Niece

From the given alternative words, select the word which **cannot** be formed using the letters of the given word :

10. INTERDEPENDENCE  
(A) DEPENDENT (B) INTEND  
(C) INCENT (D) INCIDENT
11. If RATE is written as SBUF, then FIRE can be written as  
(A) HJSF (B) GJSF  
(C) GJFS (D) JGSF
12. Which one of the given responses can be inserted to make a meaningful word?  
A L \_ \_ T  
(A) TE (B) ER (C) FE (D) AT

**Directions :** In question Nos. 13 to 15, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

13. 10, 11, 14, 23, 50, ?  
(A) 110 (B) 104 (C) 70 (D) 131
14. 15, 20, 30, ?, 65  
(A) 40 (B) 45 (C) 50 (D) 60
15. 37, 32, 26, 19, ?  
(A) 10 (B) 11 (C) 12 (D) 13
16. Identify the correct response from the given following symbols :  
 $2(27 * 3) * 30 * 30 * 18$   
(A)  $+ - = +$  (B)  $\times + + =$   
(C)  $+ - \div =$  (D)  $\div + - =$

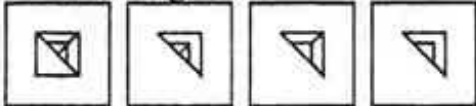
SPACE FOR ROUGH WORK

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

Question Figure :

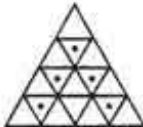


Answer Figures :



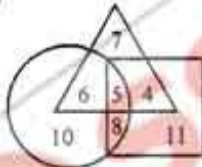
(A) (B) (C) (D)

18. Find out the number of triangles with dots :



(A) 5 (B) 8 (C) 10 (D) 16

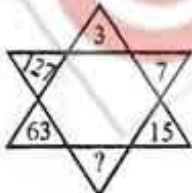
19. In the following diagram, the circle represents Cricket players, the triangle represents Hockey players and the square represents Football players. How many play both Football & Hockey ?



(A) 7 (B) 9 (C) 11 (D) 4

Directions : In question Nos. 20 and 21, select the missing number from the given responses.

- 20.



(A) 37 (B) 35 (C) 31 (D) 29

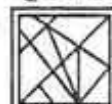
- 21.



(A) 100 (B) 81 (C) 64 (D) 121

22. Which of the answer figure is embedded in the question figure ?

Question Figure :



Answer Figures :



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

23. A square piece of paper with its corners cut is folded as shown below. From the given responses, indicate how it will appear when opened ?

Question Figures :



Answer Figures :



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

24. 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)

SPACE FOR ROUGH WORK



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 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., 'S' can be represented by 03, 44, etc., and 'R' can be represented by 69, 78 etc. Similarly, you have to identify the set for the word 'PUPIL'.

Matrix

I					II						
	0	1	2	3	4		5	6	7	8	9
0	P	U	L	S	E	5	R	A	D	I	O
1	U	L	S	E	P	6	A	D	I	O	R
2	L	S	E	P	U	7	D	I	O	R	A
3	S	E	P	U	L	8	I	O	R	A	D
4	E	P	U	L	S	9	O	R	A	D	I

- (A) 41, 10, 32, 85, 86  
 (B) 32, 85, 23, 76, 12  
 (C) 23, 33, 41, 58, 90  
 (D) 41, 33, 32, 85, 43

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SPACE FOR ROUGH WORK

**Part – B**  
**NUMERICAL APTITUDE**

26. The simplified value of  $\sqrt{\frac{1.21 \times 0.9}{1.1 \times 0.11}}$  is  
 (A) 2 (B) 3  
 (C) 9 (D) 11
27. By what least number  $25 \times 20 \times 9 \times 12 \times 30$  should be multiplied to make it a perfect square number?  
 (A) 5 (B) 4  
 (C) 3 (D) 2
28. Three taps can fill a cistern in 18 minutes, 15 minutes and 10 minutes respectively. The cistern being empty, all the three taps are kept open. After 3 minutes, the first tap is closed. Counting time from that moment, the cistern will be full in  
 (A) 5 minutes (B) 1 minute  
 (C) 3 minutes (D) 2 minutes
29. A can do a piece of work in 4 days, B in 12 days and C in 6 days. If A is assisted by both B and C on every third day, the total work can be done in  
 (A) 6 days (B) 3 days  
 (C) 5 days (D) 4 days
30. A piece of wire is in the shape of an equilateral triangle, each of whose sides is 4.4 cm. If it is re-bent to form a circular ring, the radius of the ring so formed (taking  $\pi = \frac{22}{7}$ ) is  
 (A) 5.1 (B) 3.2  
 (C) 2.1 (D) 1.5
31. If the ratio of the volumes of two right circular cones is 2 : 3 and the ratio of the radii of their bases is 1 : 2, then the ratio of their heights will be  
 (A) 3 : 4 (B) 8 : 3  
 (C) 4 : 3 (D) 3 : 8
32. A tradesman marks his goods 30% more than the cost price. If he allows a discount of 20%, on the marked price, then his gain percent is  
 (A) 15 (B) 10  
 (C) 6 (D) 4
33. The marked price of an article is ₹ 300. The shopkeeper gives a discount of 10% on the marked price and still gains 25%. Then the cost price of the article is  
 (A) ₹ 216 (B) ₹ 203.50  
 (C) ₹ 237.50 (D) ₹ 215
34. A machine is marked at ₹ 7,500. The shopkeeper allows successive discounts of 8%, 5% and 2% on it. The net selling price is  
 (A) ₹ 6,400.30  
 (B) ₹ 6,423.90  
 (C) ₹ 6,427.50  
 (D) ₹ 6,415.40

SPACE FOR ROUGH WORK

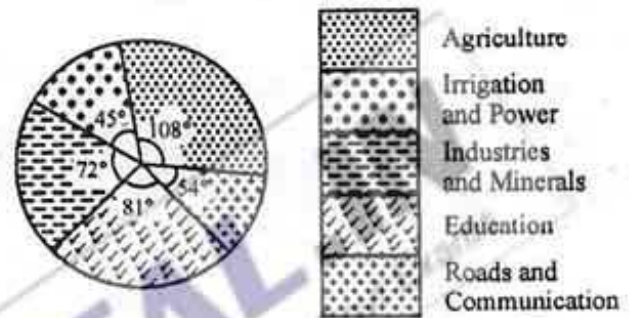


35. A grocer mixed sugar at ₹ 12 per kg with sugar at ₹ 9 per kg in a certain ratio and sold the mixture at ₹ 11 per kg to have a gain of  $\frac{1}{8}$ <sup>th</sup> of his total investment. The ratio of two types of sugar in the mixture is  
(A) 7 : 20 (B) 9 : 12  
(C) 1 : 2 (D) 3 : 4
36. ₹ 53 is divided among A, B, C in such a way that A gets ₹ 7 more than what B gets and B gets ₹ 8 more than what C gets. Ratio of their shares is  
(A) 5 : 3 : 1 (B) 25 : 18 : 10  
(C) 9 : 7 : 3 (D) 30 : 16 : 13
37. The ratio of speeds of two trains, one travelling at 45 km/hour and the other at 10 m/sec. is  
(A) 5 : 4 (B) 2 : 3  
(C) 3 : 4 (D) 4 : 3
38. In 6 days of a week, 250 boys attended for the first four days and 260 boys for the last three days. The average attendance in this week is 255. The number of students present on Thursday was  
(A) 260 (B) 250  
(C) 240 (D) 280
39. The average of all the prime numbers between 1 and 20 is  
(A) 9.625 (B) 9.75  
(C) 8.66 (D) 10.625
40. A dealer sells a radio at a gain of 10%. If he had bought it at 10% less and sold it for ₹ 132 less, he would have still gained 10%. The cost price of the radio is  
(A) ₹ 1,100 (B) ₹ 1,200  
(C) ₹ 1,300 (D) ₹ 1,320
41. If the cost price of 15 articles is equal to the selling price of 10 articles, then the gain percentage is  
(A) 45 (B) 50  
(C) 55 (D) 60
42. A man sold two articles for ₹ 1,200 each. In one, he gained 20% and on the other, he lost 20%. His total loss was  
(A) ₹ 400 (B) ₹ 300  
(C) ₹ 200 (D) ₹ 100
43. If 70% of the students in a school are boys and the number of girls be 504, the number of boys is  
(A) 1176 (B) 1008  
(C) 3024 (D) 1208
44. A rebate of 7.5% is allowed if an electric bill is paid in due time. A man gets a rebate of ₹ 16.50. The amount of the bill is (in ₹)  
(A) 160 (B) 215  
(C) 240 (D) 220

SPACE FOR ROUGH WORK

45. The number of seconds taken by a 500 m. long train with speed 63 km per hour to cross a man walking at 3 km. per hour in the same direction is  
 (A) 20 (B) 25  
 (C) 30 (D) 35
46. A train X leaves Howrah at 6 a.m. and reaches Asansol at 10 a.m. Another train Y leaves Asansol at 8 a.m. and reaches Howrah at 11.30 a.m. The two trains cross one another at  
 (A) 8.44 a.m.  
 (B) 8.56 a.m.  
 (C) 9.27 a.m.  
 (D) 9.42 a.m.
47. In what time will ₹ 8,000, at 3% simple interest per annum produce the same income as ₹ 6,000 does in 5 years at 4% simple interest ?  
 (A) 3 years (B) 4 years  
 (C) 5 years (D) 6 years
48. A man borrows some money at 3% simple interest per annum and lends it to somebody at 5% interest to be compounded annually. By this he makes a profit of ₹ 541 at the end of 3 years. The money he borrowed was  
 (A) ₹ 8,000 (B) ₹ 6,762  
 (C) ₹ 6,000 (D) ₹ 8,070

**Direction :** The adjoining pie-chart represents the proposed outlay of the fifth five year plan (in crore rupees) of 40,000. Examine the chart and answer the questions 49 and 50.



49. The amount (in crore Rupees) proposed on Education is greater than that on Roads and Communication by  
 (A) 1000 (B) 2000  
 (C) 3000 (D) 1500
50. ₹ 12,000 (crores) is proposed on  
 (A) Education  
 (B) Irrigation and Power  
 (C) Roads and Communication  
 (D) Agriculture

**For Visually Handicapped Candidates only**

49. 30% of ₹ P is equal to 40% of ₹ Q. If x% of ₹ P be equal to ₹ Q, then value of x is  
 (A) 50 (B) 60  
 (C) 70 (D) 75
50. A sum of money is spent from ₹ 200 so that only 25% of money is left. The sum spent is  
 (A) 150 (B) 100  
 (C) 75 (D) 50

SPACE FOR ROUGH WORK



## Part - C

## GENERAL ENGLISH

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

51. I have / known him / since two years. /  
(A) / (B) / (C)  
No error.  
(D)
52. He is / your brother, / isn't it ? /  
(A) / (B) / (C)  
No error.  
(D)
53. This time you will have to work /  
(A)  
hardly to pass /  
(B)  
your qualifying examination. /  
(C)  
No error.  
(D)
54. My ideas are not / the same as /  
(A) / (B)  
my father. / No error.  
(C) / (D)
55. It was / approved answer /  
(A) / (B)  
to the problem. / No error.  
(C) / (D)
56. Mumbai is / the richer of /  
(A) / (B)  
all the Indian cities. / No error.  
(C) / (D)

57. "The Two Towers" are /  
(A)  
an excellent movie /  
(B)  
produced recently. / No error.  
(C) / (D)
58. None / has initiated /  
(A) / (B)  
action against him. / No error.  
(C) / (D)
59. Justice as well as mercy / allows /  
(A) / (B)  
it. / No error.  
(C) / (D)
60. Ravi / sympathises for / this poor girl. /  
(A) / (B) / (C)  
No error.  
(D)

**Directions :** In Question Nos. 61 to 70, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four and indicate it by blackening the appropriate oval [●] in the Answer Sheet.

61. Rather than reduce the commuter delays, the new toll road has \_\_\_\_\_ problems.  
(A) aggravated  
(B) minimized  
(C) refined  
(D) decreased
62. India has shown considerable \_\_\_\_\_ in the field of railways.  
(A) efficient (B) proficiency  
(C) effect (D) progress



63. Surya is suffering \_\_\_\_\_ a viral fever.  
 (A) from (B) with  
 (C) by (D) for
64. These talent-contests will enable the students to bring \_\_\_\_\_ their best.  
 (A) in (B) out  
 (C) off (D) up
65. Janet had always been afraid \_\_\_\_\_ flying.  
 (A) to (B) from  
 (C) of (D) for
66. Man is generally a \_\_\_\_\_ animal.  
 (A) social  
 (B) enterprising  
 (C) amicable  
 (D) agile
67. Birds \_\_\_\_\_ from one place to another during winter.  
 (A) migrate (B) emigrate  
 (C) immigrate (D) transfer
68. The students jumped \_\_\_\_\_ the opportunity of going on a study tour.  
 (A) for (B) with  
 (C) on (D) at
69. Ravi's marriage was \_\_\_\_\_ the wishes of his parents.  
 (A) opposed (B) fighting  
 (C) against (D) anti
70. The guests \_\_\_\_\_ to arrive at 6 P.M.  
 (A) are expecting  
 (B) are expected  
 (C) will surely  
 (D) will be surely

**Directions :** In Question Nos. 71 to 73, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

71. Feeble  
 (A) small (B) frail  
 (C) trivial (D) supple
72. Commence  
 (A) to end (B) to begin  
 (C) to run (D) to comment
73. Indict  
 (A) indicate (B) declare  
 (C) charge (D) designate

**Directions :** In Question Nos. 74 to 76, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

74. affected  
 (A) genuine (B) altered  
 (C) confined (D) feigned
75. intricate  
 (A) elaborate (B) dainty  
 (C) simple (D) painstaking
76. fiercely  
 (A) gently (B) coldly  
 (C) slowly (D) quickly

**Directions :** In Question Nos. 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 and mark it in the Answer Sheet.

77. Ramu gave the dog a wide berth.  
 (A) to give it freedom  
 (B) to keep as far away from it as possible  
 (C) to teach a lesson to it  
 (D) to give false hopes to it
78. Invalids are cared for in hospitals.  
 (A) carried about  
 (B) looked after  
 (C) carelessly treated  
 (D) operated upon
79. Slum dwellers live from hand to mouth.  
 (A) living with limited earnings  
 (B) eating all the time  
 (C) not having anything to eat  
 (D) wasting time

**Directions :** In Question Nos. 80 to 84, a sentence/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).

80. It's a fine day, no ?  
 (A) is it ?  
 (B) isn't it ?  
 (C) yes ?  
 (D) No improvement

81. The show already begun by the time we reached.  
 (A) was already begun  
 (B) had already begun  
 (C) already began  
 (D) No improvement
82. The old man made clay pots who lived in a hut with his wife.  
 (A) The old man lived with his wife in clay pots in a hut.  
 (B) The old man lived in a hut with his wife who makes clay pots.  
 (C) The old man who made clay pots lived in a hut with his wife.  
 (D) No improvement.
83. Copy this document word by word and show it to me.  
 (A) word on word  
 (B) in between words  
 (C) word for word  
 (D) No improvement
84. Rita declined the chance to go to America.  
 (A) Refused  
 (B) Turned down  
 (C) Turned off  
 (D) No improvement

**Directions :** In Question Nos. 85 to 89, out of the four alternatives, choose the one which can be substituted for the given words/sentence.

85. A confused, complicated or embarrassing situation  
 (A) Imbroglio  
 (B) Inflammable  
 (C) Infinitesimal  
 (D) Awkward
86. A form of a word, phrase, etc. that is shorter than the full form.  
 (A) acronym  
 (B) abbreviation  
 (C) conscription  
 (D) bibliography

87. A speech delivered without previous preparation is  
 (A) conversation (B) extempore  
 (C) soliloquy (D) lecture
88. A person difficult to please  
 (A) Fastidious (B) Unpleasant  
 (C) Irritable (D) Aggressive
89. Impossible to change  
 (A) Impossible (B) Incurable  
 (C) Impregnable (D) Inert

**Directions :** In Question Nos. 90 to 95, there are four different words out of which one is correctly spelt. Find the correctly spelt word and indicate it by blackening the appropriate oval [●] in the Answer Sheet.

90. (A) Acqueintence  
 (B) Acquaintance  
 (C) Acquaintence  
 (D) Acquentance
91. (A) Hypocrisy  
 (B) Hypocracy  
 (C) Hypocricy  
 (D) Hypocrasy
92. (A) recommended  
 (B) reccommended  
 (C) recomended  
 (D) recommendid
93. (A) Refrigerator  
 (B) Refridgarator  
 (C) Refridgerator  
 (D) Refrigarator
94. (A) Fourty  
 (B) Forty  
 (C) Fortie  
 (D) Fourtie
95. (A) Hankerchief  
 (B) Handkercheif  
 (C) Hankercheif  
 (D) Handkerchief



**Directions :** In Question Nos. 96 to 100, you have a 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.

### Passage

The greatest flourishing of northern Indian culture, art, and imperial strength undoubtedly took place during the reign of the Mughal monarchs of the 16<sup>th</sup> and 17<sup>th</sup> centuries. The Mughals were Central Asian descendents of the great Mongol warriors Ghengis Khan and Timur (Tamerlane), whose hordes of cavalry swept across the Eurasian steppe in the 13<sup>th</sup> and 14<sup>th</sup> centuries, conquering everything between Beijing and Budapest. But by the turn of the 16<sup>th</sup> century, the great Mongol empire has splintered; the many royal descendents of Ghengis and Timur fought over the territorial scraps and did their best to hold on to their own minor Sultanates.

One of these Sultans, Babur, was not satisfied with his small kingdom of Ferghana (now in modern-day Kyrgyzstan and eastern Uzbekistan), and he tried and tried again to permanently reconquer Timur's greatest prize, Samarkand. He never succeeded. So instead, Babur turned his attention south to the Sultanate of Delhi in northern India, which had been ruled successively by five dynasties of Muslim warriors from Afghanistan since the late 12<sup>th</sup> century. As history would show, Babur's campaign against the Delhi Sultanate catalyzed the foundation of one of the greatest dynasties in the history of South Asia : the Mughal Empire.

96. The Mughals can trace their ancestry to
- Beijing
  - Budapest
  - Central Asia
  - The Eurasian steppes
97. The Mughals attacked the Delhi Sultanate because
- they were the royal descendants of Ghengis Khan
  - they wanted to expand their kingdom
  - they could not gain supremacy in the kingdom of Samarkand
  - Both (B) and (C)
98. The Mughal rulers were responsible for
- unleashing terror amongst their subjects
  - organizing the Eurasian steppe region
  - patronizing art and culture
  - in-fighting amongst themselves
99. The Mongols, in the 13<sup>th</sup> and 14<sup>th</sup> centuries
- plundered the greater part of Asia and Eastern Europe
  - gave rise to the Mughal dynasty
  - encouraged imperial strength in northern India
  - None of the above
100. The word closest in meaning to catalyzed is
- unrestricted
  - exploited
  - disseminated
  - accelerated



## GENERAL AWARENESS

101. Who is the first economist to receive the Nobel Prize in Economics in single ?  
 (A) Simon Kuznets  
 (B) Wassily Leontief  
 (C) Milton Friedman  
 (D) Paul A. Samuelson
102. The supply of Money in a country means  
 (A) Cash balances held by the government  
 (B) Aggregate Stock of money issued by the Central Bank  
 (C) Cash reserves owned by the Commercial Banks.  
 (D) Total Stock of money in circulation at a given period of time.
103. Corner shop is an example for  
 (A) Partnership  
 (B) Sole trade  
 (C) Limited company  
 (D) Public company
104. Which one of the following is an advantage of the market economic system ?  
 (A) Better governance  
 (B) Equal income distribution  
 (C) Protects the environment  
 (D) Incentives to producers
105. The vertical distance between total cost and total variable cost is  
 (A) total average cost  
 (B) marginal cost  
 (C) total fixed cost  
 (D) average fixed cost
106. Who said that, 'Man is by nature a political animal' ?  
 (A) Plato (B) Chew  
 (C) Polybius (D) Aristotle
107. According to Indian Constitution, Right to Property is a  
 (A) Fundamental Right  
 (B) Legal Right  
 (C) Both  
 (D) None
108. Which among the following are duties of Indian citizens as per Constitution of India ?  
 (A) Respect National Anthem, Flag etc.  
 (B) Develop Scientific temper.  
 (C) Protect and preserve National and Cultural Heritage.  
 (D) All of the above.
109. The Right to Information is based on the  
 (A) right to know implied under Article 14  
 (B) right to know implied under Article 19 (1) (A)  
 (C) right to know implied under Article 21  
 (D) right to know implied under Article 32
110. Which of the following was called by Gandhi as 'Post dated cheque' ?  
 (A) Cripps proposal  
 (B) McDonald Award  
 (C) Simon Commission Report  
 (D) None of these
111. Whom did Ashoka appoint to spread Buddhism to many parts of Asia ?  
 (A) Nagarikas  
 (B) Adhyakshas  
 (C) Mahamatras  
 (D) Dharma Mahamatras
112. Under whose leadership the Sikhs became a Political and Military force ?  
 (A) Guru Har Rai  
 (B) Guru Har Kishan  
 (C) Guru Tegh Bahadur  
 (D) Guru Gobind Singh
113. Khajuraho was the capital of  
 (A) Paramaras (B) Chauhans  
 (C) Chandelas (D) Rathods
114. During the British rule, the only British King to visit India and hold a grand Durbar was  
 (A) Edward VII (B) George V  
 (C) James II (D) James VII
115. Who among the following noted for the first time the existence of seven castes in India ?  
 (A) Kautilya (B) Seleucus Nicator  
 (C) Megasthenes (D) Justin
116. The largest industry in India is  
 (A) Textile (B) Steel  
 (C) Cement (D) Automobile
117. Who have measured first the circumferences of earth ?  
 (A) Hecataeus (B) Herodotus  
 (C) Aristotle (D) Eratosthenes



118. Which one of the following land forms is not related to glaciers ?  
 (A) Hanging valleys  
 (B) Corries in the mountains  
 (C) U-shaped valleys  
 (D) Natural levees
119. India recently launched a satellite in orbit for the purpose of  
 (A) Education  
 (B) Marine Exploration  
 (C) Mission to Moon  
 (D) Resource Evaluation
120. Pedology deals with the scientific study of  
 (A) Rocks (B) Soils  
 (C) Caves (D) Fossils
121. Which of the following is exclusively marine animals ?  
 (A) Chondrichthyes  
 (B) Echinoderms  
 (C) Molluscs  
 (D) Coelenterates
122. Which one can imitate human speech ?  
 (A) Whale (B) Dolphin  
 (C) Ape (D) Bear
123. Haemophilia is a kind of disease which is  
 (A) Viral (B) Bacterial  
 (C) Hereditary (D) Fungal
124. For a living organism, greatest available energy is from  
 (A) H<sub>2</sub>O (B) CO<sub>2</sub>  
 (C) ATP (D) ADP
125. HIV is a  
 (A) Combination of disease symptoms  
 (B) Developmental index  
 (C) Viral disease  
 (D) Retrovirus
126. In winter, when water freezes due to cold, fishes and other aquatic animals  
 (A) can live because only the upper layer of the water freezes.  
 (B) migrate to other warmer places.  
 (C) can live safely because they have inbuilt mechanism to withstand the cold.  
 (D) die.
127. The planet nearest to the Sun is  
 (A) Mercury (B) Earth  
 (C) Venus (D) Pluto
128. The electrical resistance of a conductor is independent of its  
 (A) temperature  
 (B) pressure  
 (C) length  
 (D) cross-sectional area
129. The angle of deviation for an incident ray on a plane mirror at angle of incidence of 60° is  
 (A) 30° (B) 90°  
 (C) 60° (D) 120°
130. During execution, the program and data should be resident in  
 (A) Main Memory (B) Hard Disk  
 (C) Floppy (D) Control Unit
131. Which one of the following helps to break a big task into many smaller task and to represent them pictorially, showing the order of instructions ?  
 (A) Entity – Relationship Diagram  
 (B) Flow Chart  
 (C) Connectivity Diagrams  
 (D) Data Flow Diagrams
132. "http://www.yahoo.com" is a/an example of  
 (A) Web site (B) URL  
 (C) Web page (D) Home page
133. Which statement is most correct for air ?  
 (A) Air is a mixture of nitrogen and oxygen.  
 (B) Air is a mixture of nitrogen, oxygen and inert gases.  
 (C) Air is a mixture of hydrogen, nitrogen and air.  
 (D) Air is a mixture of nitrogen, oxygen and ozone.



134. The compounds affecting the ozone layer of the atmosphere are  
 (A) Lead tetra-alkyls  
 (B) Metal carbonyls  
 (C) Chlorofluoro carbons  
 (D) Diarsines
135. Which of the following is one of the major components of acid rain ?  
 (A) Hydrochloric acid  
 (B) Acetic acid  
 (C) Phosphoric acid  
 (D) Sulphuric acid
136. Which one of the following non-metal is not a poor conductor of electricity ?  
 (A) Phosphorus (B) Bromide  
 (C) Selenium (D) Sulphur
137. What is the colour of fresh domestic sewage ?  
 (A) Dark brown (B) Red  
 (C) Black (D) Grey
138. One of the following is an international agency working for the protection of the environment.  
 (A) NASA (B) UNO  
 (C) Green Peace (D) Chipko
139. Which of the following affects biodiversity ?  
 (A) Environmental Pollution  
 (B) Ocean acidification  
 (C) Climate change  
 (D) All of the above
140. Coal is regarded as the worst environmental pollutant when burnt because its burning releases large amounts of  
 1. Carbon dioxide  
 2. Sulphur dioxide  
 3. Nitrogen oxides (NOX)  
 4. Methane  
 Which of the above statements are true ?  
 (A) 1 and 4 (B) 1, 2 and 3  
 (C) 1, 3 and 4 (D) 1, 2, 3 and 4
141. India witnessed its biggest ever power blackout on August 1<sup>st</sup>, 2012 due to collapse of  
 (A) Northern power grid  
 (B) Southern power grid  
 (C) Eastern power grid  
 (D) Western power grid
142. Which of the following organizations has recently been declared unlawful by the Home Ministry ?  
 (A) SIMI (B) Salwa Judum  
 (C) Shiv Sena (D) Bajrang Dal
143. Who is the author of the book 'Turning Point – A Journey Through Challenges' ?  
 (A) Hamid Ansari  
 (B) A.P.J. Abdul Kalam  
 (C) Jaswant Singh  
 (D) Ashok Gehlot
144. Synagogue is the place of worship of  
 (A) Judais (B) Shintois  
 (C) Zoroastrian (D) Taoi
145. Who of the following is not associated with Sitar ?  
 (A) Amir Khusrau  
 (B) Ravi Shankar  
 (C) Ustad Alauddin Khan  
 (D) Amjad Ali Khan
146. Santosh Trophy is associated with  
 (A) Hockey (B) Football  
 (C) Basketball (D) Badminton
147. Andrew Strauss of England who retired recently from International Cricket, was a captain in which format of the game ?  
 (A) Twenty-Twenty  
 (B) Test  
 (C) Oneyday  
 (D) None of these
148. The Laureus World Sportswoman of the Year Award (2011) was awarded to  
 (A) Lindsey Vonn  
 (B) Venus Williams  
 (C) Maria Sharapova  
 (D) Petra Kvitova
149. Who among the following is considered as the inventor of the World Wide Web (www) ?  
 (A) Edward Kasner  
 (B) Bill Gates  
 (C) Tim Berners-Lee  
 (D) Vinod Dham
150. 'Bull' and 'Bear' is associated with  
 (A) Stock Market  
 (B) Banking  
 (C) Foreign Exchange Reserve  
 (D) Internal Trade



## MANNER IN WHICH ANSWERS ARE TO BE GIVEN

## उत्तर देने की विधि

**Directions :** Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken [●] appropriate oval A, B, C or D by **Black/Blue Ball Point Pen** against the question concerned in the Answer-Sheet.

(For VH candidates, corresponding oval will be blackened by the scribe.)

The following example illustrates the manner in which the questions are required to be answered.

**Example :**

**Question No. 'Q' -**

Out of the four words given below, three are alike in some way and one is different. Find the **ODD** word :

- (A) Girl
- (B) Boy
- (C) Woman
- (D) Chair

**Explanation :** In the above example, the correct answer is 'Chair' and this answer has been suggested at 'D'. Accordingly, the answer is to be indicated by blackening [●] the oval by **Black/Blue Ball Point Pen** in column 'D' against Question No. 'Q' in the manner indicated below :

**Question No. 'Q'**

[A] [B] [C] [●]

There is only one correct answer to each question. You should blacken [●] the oval of the appropriate column, viz., A, B, C or D. If you blacken [●] more than one oval against any one question, the answer will be treated as wrong. If you wish to cancel any answer, you should **completely erase** that black mark in the oval in the Answer-Sheet and then blacken the oval of revised response.

You are **NOT** required to mark your answers in this Booklet. All answers must be indicated in the Answer-Sheet only.

**निर्देश :** प्रत्येक प्रश्न अथवा प्रत्येक अधूरे कथन के बाद चार उत्तर अथवा पूरक कथन सुझाए गए हैं। प्रत्येक दशा में आपको किसी एक को चुनना है जो प्रश्न का सही उत्तर दे अथवा कथन को पूरा करे और आपको उत्तर-पत्रिका में उपयुक्त अण्डाकार खाने A, B, C या D को काले/नीले बॉल-पॉइन्ट पेन से काला [●] करना है।

(दृष्टिबाधित उम्मीदवारों के लिए संगत अण्डाकार लिपिक द्वारा काला किया जाए।)

नीचे दिए गए उदाहरण से स्पष्ट हो जाएगा कि उत्तर किस प्रकार दिए जाने हैं।

**उदाहरण :**

**प्रश्न सं. 'क्यू' -**

नीचे दिए हुए चार शब्दों में तीन कुछ मिलते-जुलते हैं तथा एक कुछ अलग किस्म का है। वह अलग किस्म का शब्द बताएँ :

- (A) लड़की
- (B) लड़का
- (C) महिला
- (D) कुर्सी

**स्पष्टीकरण :** ऊपर के उदाहरण में सही उत्तर 'कुर्सी' है और यह उत्तर 'D' में सुझाया गया है। अतः प्रश्न सं. 'क्यू' के सामने कॉलम 'D' के अण्डाकार खाने को काले/नीले बॉल-पॉइन्ट पेन से पूर्णतया काला [●] करके उत्तर नीचे बताई विधि के अनुसार दिया जाना है :

**प्रश्न सं. 'क्यू'**

[A] [B] [C] [●]

प्रत्येक प्रश्न का केवल एक ही सही उत्तर है। आपको समुचित कॉलम अर्थात् A, B, C या D के अण्डाकार खाने को काला [●] करना है। यदि आप किसी प्रश्न के सामने एक से अधिक अण्डाकार खाने को भरेंगे [●] तो आपका उत्तर गलत माना जाएगा। यदि आप किसी उत्तर को रद्द करना चाहते हैं तो आप उत्तर-पत्रिका के उस अण्डाकार खाने से काले निशान को पूरी तरह से मिटा दें और तब बदले हुए उत्तर के लिए अण्डाकार खाने को काला कर दें।

इस पुस्तिका के अन्दर आपको उत्तर अंकित नहीं करने हैं। उत्तर केवल उत्तर-पत्रिका में ही दें।



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