

# SSC: SI IN DELHI POLICE, CAPF, CISF AND INTELLIGENCE OFFICER IN NCB EXAM-2013

Test Form No.  
टेस्ट फॉर्म संख्या  
666 TP 7

SF - 1149574

BQ 2013

Time Allowed : 2 Hours

Maximum Marks : 200

निर्धारित समय : 2 घंटे

अधिकतम अंक : 200

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

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 200 questions in all comprising the following four parts :	1. इस पुस्तिका में कुल 200 प्रश्न हैं, जिनमें निम्नलिखित चार भाग शामिल हैं :
Part - A : General Intelligence & Reasoning (50 Questions)	भाग-क : सामान्य बुद्धिमत्ता एवं तर्कशक्ति (50 प्रश्न)
Part - B : General Knowledge & General Awareness (50 Questions)	भाग-ख : सामान्य ज्ञान एवं सामान्य जानकारी (50 प्रश्न)
Part - C : Quantitative Aptitude (50 Questions)	भाग-ग : संख्यात्मक अभिरुचि (50 प्रश्न)
Part - D : English Comprehension (50 Questions)	भाग-घ : अंग्रेजी परिज्ञान (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 विषमगति 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 (1-32) 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 जांच करके देख लें कि इसमें पूरे पृष्ठ (1-32) हैं तथा कोई पृष्ठ कम या दुबारा तो नहीं आ गया है। यदि आप इस पुस्तिका में कोई त्रुटि पाएं, 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, Date of birth 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.	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, जन्म तिथि 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।
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 काला/नीला बॉल-पॉइंट पेन से पूरी तरह काला करके दिखाएँ। जो अण्डाकार खाने काला/नीला 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. 32), which you should read carefully before actually answering the questions.	11. विभिन्न प्रश्नों के उत्तर देने की विधि इस पुस्तिका के पीछे (पृष्ठ संख्या 32) 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. No rough work is to be done on the Answer-Sheet. Space for rough work has been provided below the questions.	13. कोई रफ़ कार्य उत्तर-पत्रिका पर नहीं करना है। रफ़ कार्य के लिए स्थान प्रश्नों के नीचे दिया गया है।
14. "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 in switched off mode 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 and future debarment from appearing in examinations conducted by Staff Selection Commission."	14. "परीक्षा हॉलों/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 बंद रखकर आँकड़ों के भी अपने पास न रखें। इस प्रावधान का अनुपालन न करने का परीक्षा में अनुचित उपायों का प्रयोग माना जाएगा और उनके विरुद्ध कार्रवाई की जाएगी, उनकी अभ्यर्षिता रद्द कर देने सहित भविष्य में कार्यवाही कथन आयोजन द्वारा आयोजित की जाने वाली परीक्षाओं में सम्मिलित होने से भी वंचित किया जाएगा।"

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



PART - A

GENERAL INTELLIGENCE & REASONING

Directions : In question nos. 1 to 6, select the related word/ letter/number from the given alternatives.

1. Victory : Joy :: ? : Sorrow  
 (A) Depression (B) Melancholy  
 (C) Cry (D) Defeat
2. 7 : 133 :: 9 : ?  
 (A) 99 (B) 171 (C) 158 (D) 147
3. ADHM : ZUQN :: GIKM : ?  
 (A) TQRN (B) TRPN  
 (C) TNRP (D) NOQS
4. HAND : JBPE :: PALM : ?  
 (A) RBMN (B) QBNN  
 (C) RBNN (D) RBNM
5. Body : Stomach :: Library : ?  
 (A) Book (B) Headmaster  
 (C) School (D) Cash
6. 36 : 216 :: 81 : ?  
 (A) 629 (B) 319 (C) 826 (D) 729

Directions : In question nos. 7 to 12, select the one which is different from the other three responses.

7. (A) PrtV (B) KnpR  
 (C) Cegl (D) FhjL
8. (A) 2643 (B) 4867  
 (C) 6243 (D) 8465
9. (A) MEAT (B) MEET  
 (C) BEAT (D) HEAT
10. (A) Violin (B) Tanpura  
 (C) Veena (D) Sitar
11. (A) Counselling (B) Instruction  
 (C) Guidance (D) Teaching
12. (A) (121, 169) (B) (7, 169)  
 (C) (9, 25) (D) (25, 49)

13. Arrange the following words as per order in the dictionary.

- (i) Forge (ii) Forget  
 (iii) Forgo (iv) Forgive (v) Format  
 (A) (i), (iv), (iii), (ii), (v) (B) (iii), (iv), (v), (ii), (i)  
 (C) (i), (ii), (iv), (iii), (v) (D) (v), (ii), (iv), (iii), (i)

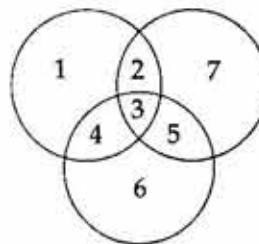
14. Which one of the given responses would be a meaningful order of the following words ?

- (i) Police (ii) Punishment  
 (iii) Crime (iv) Judge (v) Judgement  
 (A) (v), (iv), (iii), (ii), (i) (B) (iii), (i), (iv), (v), (ii)  
 (C) (iii), (i), (ii), (iv), (v) (D) (i), (ii), (iv), (iii), (v)

Directions : In question nos. 15 to 18, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

15. 7, 25, 61, 121, ?  
 (A) 211 (B) 212 (C) 209 (D) 210
16. 198, 202, 211, 227, ?  
 (A) 252 (B) 275 (C) 245 (D) 236
17. AN, BO, CP, DQ, ?  
 (A) ER (B) EH (C) EF (D) EG
18. KJL, ONP, SRT, ?  
 (A) VWX (B) WXV  
 (C) VJW (D) WVX

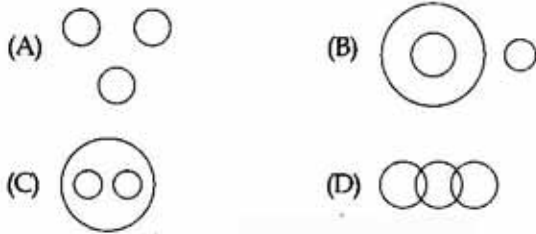
19. In the given figure, circles represent students studying three different subjects. How many students study all the three subjects ?



- (A) 3 (B) 4 (C) 1 (D) 2

SPACE FOR ROUGH WORK

20. Which one of the following diagrams best depicts the relationship among Mammals, Cows and Crows ?



21. In a row at a bus stop, 'A' is 7<sup>th</sup> from the left and 'B' is 9<sup>th</sup> from the right. They both interchange their positions. Now A becomes 11<sup>th</sup> from the left. How many people are there in the row ?
- (A) 20 (B) 19 (C) 18 (D) 10

22. If 'JUNE' is written as 'PQRS' and 'AUGUST' is written as 'WQFQMN'. How can 'GUEST' be written in this same coding language ?
- (A) FQSMN (B) FQSNM  
(C) FQTMN (D) FPSMN

23. A group of alphabets are given with each being assigned a number. These have to be unscrambled into a meaningful word and correct order of letters may be indicated from the given responses.

E	R	D	I	S	P
(i)	(ii)	(iii)	(iv)	(v)	(vi)

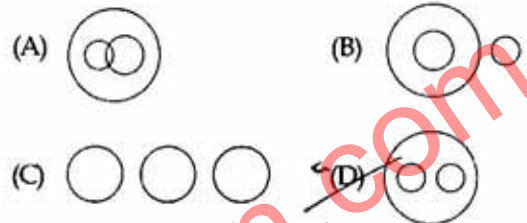
- (A) (vi), (v), (iv), (ii), (iii), (i)  
(B) (ii), (iii), (iv), (v), (vi), (i)  
(C) (v), (vi), (iv), (iii), (i), (ii)  
(D) (v), (iv), (vi), (i), (ii), (iii)
24. If DELHI is coded as 73541 and CALCUTTA as 82589662, then how would CALICUT be coded in that code ?
- (A) 8251896 (B) 8543691  
(C) 5279431 (D) 5978213
25. Arun said, "This girl is the wife of the grandson of my mother". Who is Arun to the girl ?
- (A) Husband (B) Father-in-law  
(C) Father (D) Grandfather

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

Encouragement

- (A) tear (B) neck  
(C) meat (D) game

27. Which of the following figure best represents the relationship amongst the Human being, Girl, Boy ?



28. At present, the ratio between the ages of Arun and Deepak is 4 : 3. After 6 years, Arun's age will be 26 years. What is the age of Deepak at present ?
- (A) 19 years (B) 24 years  
(C) 12 years (D) 15 years

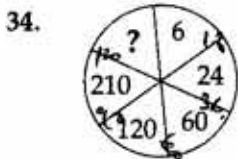
Directions : In question nos. 29 and 30, some equations are solved on the basis of a certain system. On the same basis, find out the correct answer for the unsolved equation.

29. If  $235 = 38$  and  $452 = 45$ , then  $345 = ?$
- (A) 66 (B) 72 (C) 50 (D) 49
30.  $2 \times 3 = 49$ ,  $5 \times 6 = 2536$ ,  $1 \times 9 = 181$ ,  $4 \times 7 = ?$
- (A) 1649 (B) 2549 (C) 1219 (D) 1628
31. If ' $\times$ ' means '+', ' $\div$ ' means '-', '+' means ' $\div$ ' and '-' means ' $\times$ ' then what should be the value of the given equation ?
- $14 \times 4 \div 70 + 10 - 2 = ?$
- (A) 15 (B) 30 (C) 4 (D) 33
32. Select the correct combination of mathematical signs to replace \* signs and to balance the given equation.
- $5 * 5 * 5 * 3 * 10$
- (A)  $+ - \times =$  (B)  $+ \div = \times$   
(C)  $+ + \times =$  (D)  $\times + = \times$



**Directions :** In question nos. 33 and 34, select the missing number from the given responses.

33. 12 15 16  
 03 04 05  
 04 06 04  
 40 66 ?  
 (A) 320 (B) 25 (C) 84 (D) 104

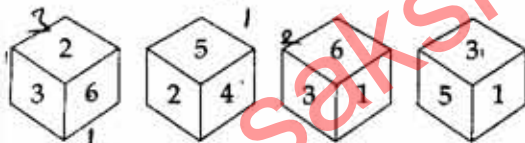


- (A) 336 (B) 428 (C) 420 (D) 330

35. Seema walks 30 m North. Then she turns right and walks 30 m then she turns right and walks 55 m. Then she turns left and walks 20 m. Then she again turns left and walks 25 m. How many metres away is she from her original position ?

- (A) 50 m (B) 60 m  
 (C) 55 m (D) 45 m

36. Four different positions of dice are as shown below. What number is opposite to face 3 ?



- (i) (ii) (iii) (iv)  
 (A) 3 (B) 2 (C) 6 (D) 4

37. Six persons are sitting in a circle. A is facing B, B is to the right of E and left of C. C is to the left of D. F is to the right of A. Now D exchanges his seat with F and E with B. Who will be sitting to the left of D ?

- (A) E (B) A (C) B (D) D

38. After walking 10 m, Shankar turned left and covered a distance of 6 m, then turned right and covered a distance of 20 m. In the end, he was moving towards the south. From which direction did Shankar start his journey ?

- (A) North (B) South  
 (C) East (D) West

**Directions :** In question nos. 39 and 40, one/two statements are given followed by two/four conclusions I, II, III and IV. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

39. **Statements** I: Some cats are dogs.

II: No dog is a Toy.

**Conclusion** I: Some dogs are cats

II: Some Toys are cats

III: Some cats are not Toys

IV: All Toys are cats

(A) Only Conclusions II and III follow

(B) Only Conclusions I and II follow

(C) Only Conclusion I follows

(D) Only Conclusions I and III follow

40. **Statement** : Songs always have singers to sing them.

**Conclusion** I: Singers make a song.

II: There is no un-sung song.

(A) Both conclusions I and II follow

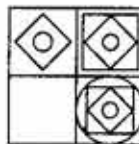
(B) Neither conclusion I nor II follows

(C) Only conclusion I follows

(D) Only conclusion II follows

**Directions :** In question nos. 41 and 42, which answer figure will complete the question figure ?

41. **Question figure :**



**Answer figures :**



(A)



(B)

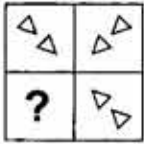


(C)

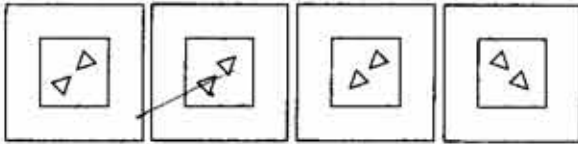


(D)

42. Question figure :



Answer figures :



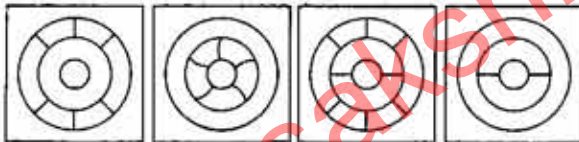
(A) (B) (C) (D)

Directions : In question nos. 43 and 44, select the answer figure in which the question figure is hidden/embedded.

43. Question figure :



Answer figures :

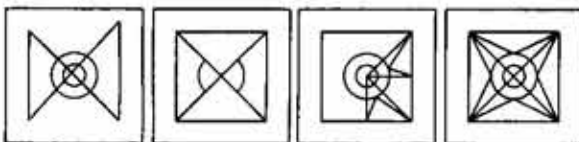


(A) (B) (C) (D)

44. Question figure :



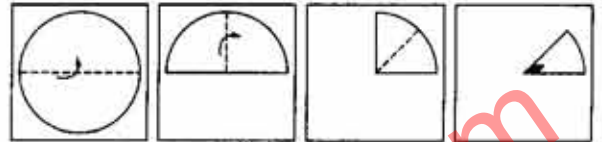
Answer figures :



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

Directions : In question nos. 45 and 46, 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 ?

45. Question figures :

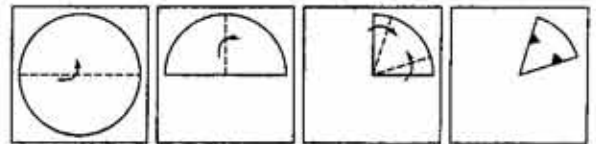


Answer figures :

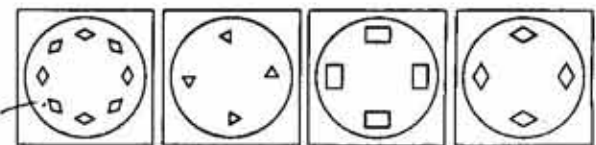


(A) (B) (C) (D)

46. Question figures :



Answer figures :

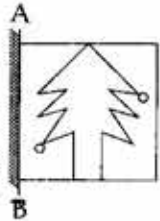


(A) (B) (C) (D)

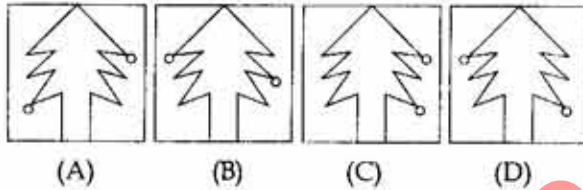
SPACE FOR ROUGH WORK

**Directions :** In question nos. 47 and 48, if a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure ?

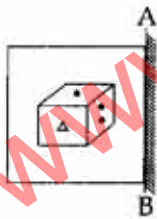
47. **Question figure :**



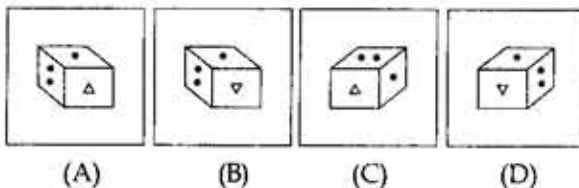
**Answer figures :**



48. **Question figure :**



**Answer figures :**



49. 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. 'C' can be represented by 00, 12, 23, etc. and 'M' can be represented by 56, 67, 77, etc. Similarly, you have to identify the set for the given word - GOD.

Matrix I

	0	1	2	3	4
0	C	D	E	F	G
1	G	D	C	F	E
2	E	F	G	C	D
3	G	C	F	D	E
4	D	C	F	G	E

Matrix II

	5	6	7	8	9
5	L	M	N	O	P
6	O	L	M	N	P
7	L	O	M	P	N
8	N	O	P	M	L
9	P	L	M	N	O

- (A) 95, 79, 12      (B) 30, 65, 40  
 (C) 00, 10, 75      (D) 10, 11, 65

50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented *first by its row and next by its column*, e.g. 'B' can be represented by 01, 10, 22 etc. and 'F' can be represented by 55, 76, 86, etc. Similarly, you have to identify the set for the given word CAGE.

Matrix I

	0	1	2	3	4
0	A	B	C	D	E
1	B	C	D	E	A
2	C	D	B	A	E
3	D	C	B	E	A
4	E	B	A	C	D

Matrix II

	5	6	7	8	9
5	F	G	H	I	J
6	G	F	I	J	H
7	I	F	G	J	H
8	H	F	G	I	J
9	J	F	G	J	I

- (A) 20, 00, 65, 40      (B) 14, 20, 41, 86  
 (C) 00, 21, 41, 95      (D) 95, 82, 31, 14

SPACE FOR ROUGH WORK



## PART - B

### GENERAL KNOWLEDGE & GENERAL AWARENESS

51. Who made use of the word 'State' for the first time ?  
(A) Hegel (B) Lenin  
 (C) Socrates (D) Machiavilli
52. Why a Central Banking Institution (Central Bank) is required in a country ?  
(A) For issue of paper currency  
(B) For control of credit  
(C) For implementation of governments monetary policies  
 (D) All the above
53. Narendra Kohli has been recently chosen for the award of \_\_\_\_\_.  
 (A) Saraswati Samman, 2012  
(B) Vyas Samman, 2012  
(C) Jnanpith Award 2012  
(D) None of the above
54. The electoral college, which elects the Vice-President consists of :  
 (A) All elected members of both the Lok Sabha and Rajya Sabha  
(B) All members of both the Houses of the Parliament  
(C) All elected members of the Rajya Sabha  
(D) All members of the Rajya Sabha
55. The Chief Justice and other judges of High Court held office till age of \_\_\_\_\_.  
(A) 64 years (B)  65 years  
(C) 60 years (D) 62 years
56. Which state in India never had a MLA so far ?  
(A) Assam (B) Meghalaya  
(C) Nagaland  (D) None of the above
57. Chromosomes other than sex chromosomes are called :  
(A) Allosomes (B) Isochromosomes  
(C) Autosomes (D) Microsomes
58. Who has been described as the Father of Local Self-Government in Colonial India ?  
 (A) Lord Ripon  
(B) Lord Dufferin  
(C) Lord Curzon  
(D) None of the above
59. Which of the following is used as rodenticide ?  
(A) Zinc carbonate (B) Zinc chloride  
(C) Zinc sulphide (D) Zinc phosphide
60. Which one of the constitutional offices has never been held by a woman in India ?  
(A) Chief Justice of the Supreme Court  
(B) Prime Minister  
 (C) Chief Election Commissioner  
(D) Speaker Lok Sabha
61. The largest living ape is :  
(A) Orangutan (B) Gorilla  
 (C) Gibbon (D) Chimpanzee
62. Which of the following is **not** used in the storage phase of a computer-based Information system ?  
(A) Diskette (B) Hard disk  
 (C) Magnetic tape  (D) Key board
63. Intellectual occupation falls under \_\_\_\_\_ activity.  
 (A) Tertiary (B) Quarternary  
(C) Primary (D) Secondary

64. Dandidurga established a new dynasty, called :  
 (A) Rajputs      ~~(B) Rashtrakutas~~  
 (C) Kadambas      (D) Satavahanas
65. Which one of the taxes is not levied by the Union govt. ?  
~~(A) Corporation tax~~  
 (B) Income tax on agricultural land  
 (C) Customs  
 (D) Income tax
66. Who was the King of England during the American war of Independence ?  
 (A) George III      (B) George II  
 (C) Charles I      (D) Charles II
67. Which is constant for a satellite in orbit ?  
~~(A) Potential energy~~  
 (B) Acceleration  
 (C) Velocity  
 (D) Angular momentum
68. Which one of the following is wrongly paired ?
- | Book                          | Author         |
|-------------------------------|----------------|
| <del>(A) Non-stop India</del> | Mark Tully     |
| (B) Lucknow Boy               | Vinod Mehta    |
| (C) Beyond the Lines          | Khuswant Singh |
| (D) The Test of my life       | Yuvaraj Singh  |
69. If two liquids have widely different boiling points, they may be separated by :  
 (A) fractional distillation  
 (B) decantation  
~~(C) steam distillation~~  
 (D) evaporation
70. "Maximum happiness of the maximum number" is the slogan of :  
 (A) Utilitarianism  
 (B) Democratic Socialism  
 (C) Communism  
~~(D) Welfare State~~
71. Which one of the following is **not** the duty of Muqtis and Iqtas ?  
 (A) Recruiting armymen from the peasants  
~~(B) Undertake religious work on behalf of the Sultan~~  
 (C) Collection of revenue from the peasants  
 (D) Supplying soldiers for the Sultans
72. Air pollution by "Fly ash" is caused by :  
~~(A) Power generation through wind-farms~~  
~~(B) Coal combustion in Thermal Power Plants~~  
 (C) Nuclear Power Plants  
 (D) Hydro-electric Power Stations
73. Rust of wheat is a :  
 (A) Viral disease  
~~(B) Hormonal disorder~~  
~~(C) Bacterial disease~~  
 (D) Fungal disease
74. External ear of man is mainly made up of :  
~~(A) Smooth muscle~~      (B) Cartilage  
 (C) Bones      (D) Muscle
75. The difference between 'Gross value added' and 'Net value added' is :  
 (A) Net indirect taxes  
 (B) Consumption of fixed capital  
 (C) Net Export  
~~(D) Net factor income from abroad~~



76. Alternating current is converted into direct current by :  
 (A) ~~filter~~ (B) rectifier  
 (C) motor (D) ~~transformer~~
77. Wax is :  
 (A) an ester (B) a base  
 (C) an aldehyde (D) a salt
78. Suitable impurities are added to a semi-conductor depending upon its use. This is done in order to :  
 (A) Increase its electrical conductivity  
 (B) Increase its electrical resistivity  
 (C) Increase its life  
 (D) Enable it to withstand higher voltage
79. Mixed Economy means :  
 (A) ~~Co-existence of public and private sector~~  
 (B) Co-existence of rich and poor  
 (C) Co-existence of small and large industries  
 (D) Promoting both Agriculture and industries in the Economy
80. Which strait separates Australia and Tasmania ?  
 (A) Bass Strait (B) Palk Strait  
 (C) Dover strait (D) Bering Strait
81. To whom does the President of India address his letter of resignation ?  
 (A) Prime - Minister  
 (B) ~~Chief Justice of India~~  
 (C) Vice - President  
 (D) Speaker of the Lok Sabha
82. The 'super bug' used in controlling oil pollution is :  
 (A) A fungal strain (B) A bacterial strain  
 (C) A water flea (D) An algal strain
83. The Opportunity-cost concept :  
 (A) explains about the cost of the next best alternative use of a factor  
 (B) includes only the implicit cost the entrepreneur could have received by his own factors  
 (C) expresses the various efforts and sacrifices made by a factor  
 (D) ~~explains about the best opportunity of production for a producer~~
84. Which one of the following pairs is wrongly matched ?
- | Disease                | Caused by |
|------------------------|-----------|
| (A) Common cold        | Virus     |
| <del>(B) Cholera</del> | Protozoan |
| (C) Tuberculosis       | Bacillus  |
| (D) Pneumonia          | Coccus    |
85. Red colour of Ruby crystal is due to the presence of :  
 (A) ~~Chromium oxide~~ (B) Calcium oxide  
 (C) Iron oxide (D) Zinc oxide
86. Which one of the following is not a permanent lake ?  
 (A) Playa lake  
 (B) Caldera lake  
 (C) Cirque lake  
 (D) Ox-bow lake
87. Which one of the following is wrongly paired ?
- | State                     | State Tree |
|---------------------------|------------|
| (A) Maharashtra           | Mango      |
| <del>(B) Tamil Nadu</del> | Sandal     |
| (C) Bihar                 | Peepal     |
| (D) Chattisgarh           | Sal        |

88. Density of water when heated from 0°C to 100°C :  
 (A) increases upto 4°C and then decreases  
 (B) decreases upto 4°C and then increases  
 (C) increases with rise in temperature  
 (D) decreases with rise in temperature
89. A step-by-step procedure to solve a given problem is called :  
 (A) Algorithm  
 (B) Utility  
 (C) Logarithm  
 (D) Flow chart
90. Among the following teams, which team has won the Indian Premier League (IPL) final for two successive years till 2012 ?  
 (A) Chennai Super Kings  
 (B) Rajasthan Royals  
 (C) Deccan Chargers  
 (D) Kolkata Knight Riders
91. By which article of the Indian constitution a 'untouchability' has been abolished ?  
 (A) Art. 16 (B) Art. 18  
 (C) Art. 17 (D) Art. 15
92. A plain formed by the uplift of a part of the sea floor is called a :  
 (A) structural plain  
 (B) alluvial plain  
 (C) depositional plain  
 (D) erosional plain
93. Gibberellins, the plant growth hormone, are extracted from :  
 (A) Fungus (B) Bacterium  
 (C) Algae (D) None of the above
94. What was the ultimate goal of Gandhi's salt satyagraha ?  
 (A) Economic relief to the common people  
 (B) Poorna Swaraj for India  
 (C) Repeal of salt laws  
 (D) Curtailment of government's power
95. Which European Country conferred on Amartya Sen its highest civilian honour in 2013 ?  
 (A) United Kingdom (B) France  
 (C) Belgium (D) Germany
96. What will be the venue, for the next World Chess Championship to be held in November-2013 ?  
 (A) Jaipur (B) Kolkata  
 (C) Chennai (D) Delhi
97. Which is the second longest National Highway (NH) in India ?  
 (A) NH - 5 (B) NH - 2  
 (C) NH - 7 (D) NH - 6
98. The consumption-function of an economy shows :  
 (A) the determinants of the income  
 (B) level of disposable personal income on consumption  
 (C) income-consumption relationship  
 (D) the total level of consumption
99. In which city the Municipal Solid Waste (MSW) collection is done by the voluntary organisation EXNORA (Excellent Novel and Radical) ?  
 (A) Jaipur (B) Mumbai  
 (C) Bangaluru (D) Chennai
100. Which of the following was the earliest plantation crop introduced in India ?  
 (A) Rubber (B) Indigo  
 (C) Coffee (D) Tea



PART - C

QUANTITATIVE APTITUDE

101. 3 men and 7 women can do a job in 5 days, while 4 men and 6 women can do it in 4 days. The number of days required for a group of 10 women working together, at the same rate as before, to finish the same job is :  
 (A) 36 (B) 40 (C) 20 (D) 30

102. In a big garden 60% of the trees are coconut trees, 25% of the number of coconut trees are mango trees and 20% of the number of mango trees are apple trees. If the number of apple trees are 1500, then the number of trees in the garden is :  
 (A) 50000 (B) 51000  
 (C) 45000 (D) 48000

103. If  $\operatorname{cosec}\theta - \cot\theta = \frac{7}{2}$ , the value of  $\operatorname{cosec}\theta$  is :  
 (A)  $\frac{51}{28}$  (B)  $\frac{53}{28}$  (C)  $\frac{49}{28}$  (D)  $\frac{47}{28}$

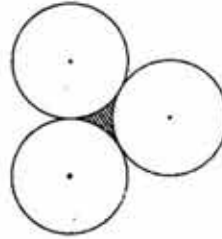
104. An article was sold at 16% gain. Had it been sold for ₹ 200 more, the gain would have been 20%. Then the cost price of the article is :  
 (A) ₹ 4800 (B) ₹ 4500  
 (C) ₹ 5200 (D) ₹ 5000

105. If area of an equilateral triangle is  $a$  and height  $b$ , then value of  $\frac{b^2}{a}$  is :  
 (A)  $\frac{1}{3}$  (B)  $\sqrt{3}$  (C)  $\frac{1}{\sqrt{3}}$  (D) 3

106. A solid right circular cylinder and a solid hemisphere stands on equal bases and have the same height. The ratio of their whole surface areas is :  
 (A) 3 : 4 (B) 4 : 3 (C) 2 : 3 (D) 3 : 2

107. The proportion of acid and water in 3 samples is 2 : 1, 3 : 2 and 5 : 3. A mixture containing equal quantities of all 3 samples is made. The ratio of water and acid in the mixture is :  
 (A) 227 : 133 (B) 227 : 120  
 (C) 133 : 227 (D) 120 : 133

108. Three circles of equal radius 'a' cm touch each other. The area of the shaded region is :



- (A)  $\left(\frac{6\sqrt{3} - \pi}{6}\right) a^2$  sq. cm  
 (B)  $(\sqrt{3} - \pi) a^2$  sq. cm  
 (C)  $\left(\frac{2\sqrt{3} - \pi}{2}\right) a^2$  sq. cm  
 (D)  $\left(\frac{\sqrt{3} + \pi}{2}\right) a^2$  sq. cm

109. The value of  $1 + \frac{1}{1 + \frac{2}{3 + \frac{4}{5}}}$  :

- (A)  $\frac{8}{19}$  (B)  $\frac{48}{29}$  (C)  $\frac{2}{19}$  (D)  $\frac{12}{29}$

110. In a triangle ABC, BC is produced to D so that  $CD = AC$ . If  $\angle BAD = 111^\circ$  and  $\angle ACB = 80^\circ$ , then the measure of  $\angle ABC$  is :

- (A)  $33^\circ$  (B)  $35^\circ$  (C)  $29^\circ$  (D)  $31^\circ$

111. A man sold 250 chairs and had a gain equal to selling price of 50 chairs. His profit percent is :

- (A) 25% (B) 50% (C) 15% (D) 20%

112. The value of  $\tan 1^\circ \tan 2^\circ \tan 3^\circ \dots \tan 89^\circ$  is :

- (A) 2 (B) undefined  
 (C) 0 (D) 1

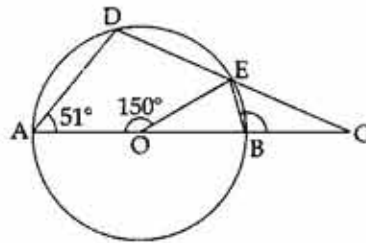
SPACE FOR ROUGH WORK

113. One of the factors of the expression  $4\sqrt{3}x^2 + 5x - 2\sqrt{3}$  is :  
 (A)  $4x+3$  (B)  $4x-3$   
 (C)  $4x - \sqrt{3}$  (D)  $4x + \sqrt{3}$
114. A train 270 metres long is running at a speed of 36 km per hour; then it will cross a bridge of length 180 metres in :  
 (A) 45 sec (B) 50 sec  
 (C) 35 sec (D) 40 sec
115. In  $\Delta ABC$ ,  $\angle A + \angle B = 145^\circ$  and  $\angle C + 2\angle B = 180^\circ$ . State which one of the following relation is true :  
 (A)  $CA < AB$  (B)  $BC > AB$   
 (C)  $CA > AB$  (D)  $CA = AB$
116. From the top of a hill 200 m high, the angle of depression of the top and the bottom of a tower are observed to  $30^\circ$  and  $60^\circ$ . The height of the tower is (in m) :  
 (A)  $166\frac{2}{3}$  (B)  $133\frac{1}{3}$   
 (C)  $200\sqrt{3}$  (D)  $\frac{400\sqrt{3}}{3}$
117. On a journey across Kolkata, a taxi averages 50 km per hour for 50% of the distance, 40 km per hour for 40% of it and 20 km per hour for the remaining. The average speed, in km/hour, for the whole journey is :  
 (A) 40 (B) 35 (C) 45 (D) 42
118. If 50% of  $(P-Q) = 30\%$  of  $(P+Q)$  and  $Q = x\%$  of  $P$ , then the value of  $x$  is :  
 (A) 25 (B) 20 (C) 50 (D) 30
119. A sum of money placed at compound interest doubles itself in 5 years. It will amount to eight times itself in :  
 (A) 12 years (B) 10 years  
 (C) 20 years (D) 15 years
120. If  $a^2 + b^2 = 5ab$ , then the value of  $\left(\frac{a^2}{b^2} + \frac{b^2}{a^2}\right)$  is :  
 (A) 16 (B) 23 (C) -23 (D) 32
121. A copper sphere of diameter 18 cm is drawn into a wire of diameter 4 mm. The length of the wire, in metre, is :  
 (A) 243 (B) 2430 (C) 24.3 (D) 2.43
122. The ratio of two numbers is 3 : 4 and their HCF is 5. Their LCM is :  
 (A) 60 (B) 15 (C) 12 (D) 20
123. The greatest among the following numbers of  $3\frac{1}{3}$ ,  $2\frac{1}{2}$ , 1,  $6\frac{1}{6}$  is :  
 (A) 1 (B)  $6\frac{1}{6}$  (C)  $3\frac{1}{3}$  (D)  $2\frac{1}{2}$
124. A man ordered 4 pairs of black socks and some pairs of brown socks. The price of a black socks is double that of a brown pair. While preparing the bill the clerk interchanged the number of black and brown pairs by mistake which increased the bill by 50%. The ratio of the number of black and brown pairs of socks in the original order was :  
 (A) 1 : 4 (B) 1 : 2 (C) 4 : 1 (D) 2 : 1
125. The linear equation such that each point on its graph has an ordinate four times its abscissa is :  
 (A)  $y = 4x$  (B)  $x = 4y$   
 (C)  $x + 4y = 0$  (D)  $y + 4x = 0$
126. Water flows at the rate of 10 metres per minute from a cylindrical pipe 5 mm in diameter. How long it take to fill up a conical vessel whose diameter at the base is 30 cm and depth 24 cm ?  
 (A) 51 minutes 12 seconds  
 (B) 51 minutes 24 seconds  
 (C) 28 minutes 36 seconds  
 (D) 28 minutes 48 seconds

SPACE FOR ROUGH WORK



127. A single discount equivalent to the following three successive discounts of 30%, 20% and 10% is given by:
- (A) 50.60% (B) 49.40%  
(C) 50.40% (D) 49.6%
128. A shopkeeper marks the selling price of his goods in such a way that after giving a discount of 10%, he gains 17%. How much percent above the cost price is the marked price?
- (A) 27% (B) 30% (C) 40% (D) 36%
129. If the volumes of two right circular cones are in the ratio 4 : 1 and their diameters are in the ratio 5 : 4, then the ratio of their heights is :
- (A) 25 : 64 (B) 64 : 25  
(C) 16 : 25 (D) 25 : 16
130. If  $x = \frac{\sqrt{3} - \sqrt{2}}{\sqrt{3} + \sqrt{2}}$  and  $y = \frac{\sqrt{3} + \sqrt{2}}{\sqrt{3} - \sqrt{2}}$ , then the value of  $x^3 + y^3$  is :
- (A) 730 (B) 650 (C) 970 (D) 950
131. A can do as much work as B and C together can do. A and B can together do a piece of work in 9 hours 36 minutes and C can do it in 48 hours. The time (in hours) that B needs to do the work alone, is :
- (A) 24 (B) 30 (C) 12 (D) 18
132. The value of  $\sqrt{19.36} + \sqrt{0.1936} + \sqrt{0.001936} + \sqrt{0.00001936}$  is :
- (A) 4.8694 (B) 4.8884  
(C) 4.8234 (D) 4.8484
133. Triangle PQR circumscribes a circle with centre O and radius r cm such that  $\angle PQR = 90^\circ$ . If PQ = 3 cm, QR = 4 cm, then the value of r is :
- (A) 1.5 (B) 2.5 (C) 1 (D) 2
134. A godown is 15 m long and 12 m broad. The sum of the areas of the floor and the ceiling is equal to the sum of areas of the four walls. The volume (in  $m^3$ ) of the godown is :
- (A) 1200 (B) 1800 (C) 720 (D) 900
135. Minimum value of  $4\tan^2\theta + 9\cot^2\theta$  is :
- (A) 1 (B) 6 (C) 13 (D) 12
136. If the square of the sum of two numbers is equal to 4 times of their product, then the ratio of these numbers is :
- (A) 1 : 3 (B) 1 : 1 (C) 1 : 2 (D) 2 : 1
137. If  $\sin\theta - \cos\theta = \frac{1}{2}$  the value of  $\sin\theta + \cos\theta$  is :
- (A)  $\pm 2$  (B)  $\frac{\sqrt{7}}{2}$  (C) 2 (D) -2
138. In the following figure, AB be diameter of a circle whose centre is O. If  $\angle AOE = 150^\circ$ ,  $\angle DAO = 51^\circ$ , then the measure of  $\angle CBE$  is :



- (A)  $110^\circ$  (B)  $105^\circ$  (C)  $120^\circ$  (D)  $115^\circ$

139. If  $x = a - b$ ,  $y = b - c$ ,  $z = c - a$ , then the numerical value of the algebraic expression  $x^3 + y^3 + z^3 - 3xyz$  will be :

- (A) 0 (B)  $4(a + b + c)$   
(C)  $3abc$  (D)  $a + b + c$

140. The areas of two similar triangles ABC and DEF are  $20\text{ cm}^2$  and  $45\text{ cm}^2$  respectively. If  $AB = 5\text{ cm}$ , then DE is equal to :

- (A) 7.5 cm (B) 8.5 cm  
(C) 5.5 cm (D) 6.5 cm

SPACE FOR ROUGH WORK

141. The batting average for 30 innings of a cricket player 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

The following table shows the productions of food-grains (in million tons) in a state for the period 1999 - 2000 to 2003 - 2004. Read the table and answer the questions 142 to 145.

Year	Production (in million tons)			
	Wheat	Rice	Barley	Other cereals
1999 - 2000	680	270	250	450
2000 - 2001	800	420	440	300
2001 - 2002	680	350	320	460
2002 - 2003	720	400	380	500
2003 - 2004	820	560	410	690

142. In the year 2003 - 2004, the increase in production was maximum over the previous year for :

(A) Barley                      (B) Other cereals  
(C) Wheat                      (D) Rice

143. During the period 1999 - 2000 to 2003 - 2004,  $x$  percent of the total production is production of wheat. The value of  $x$  is about :

(A) 37.4      (B) 37.8      (C) 20.2      (D) 12.6

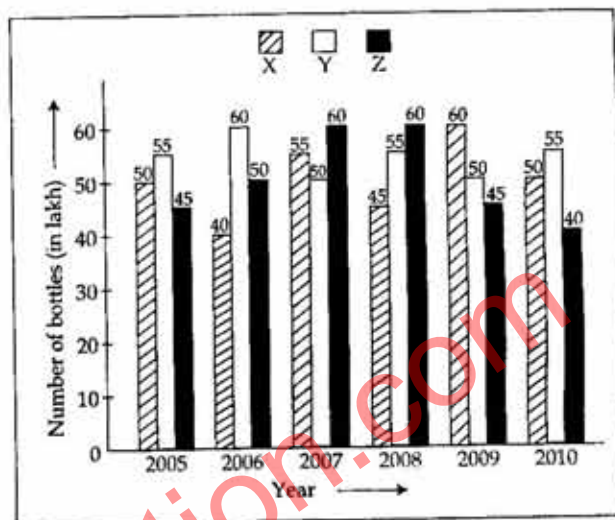
144. In 2002 - 2003, the percentage increase in the production of barley as compared to the previous year was :

(A) 17.85                      (B) 18.75  
(C) 7.90                      (D) 14.20

145. The difference of average production of rice and the average production of barley over the years is :

(A) 60      (B) 80      (C) 40      (D) 50

Production of three different flavours soft drinks X, Y and Z over a period of six years has been expressed in the following graph. Study the graph and answer the questions 146 to 150.



146. The average annual production was maximum in the given period for the flavour :

(A) Z only                      (B) X and Z  
(C) X only                      (D) Y only

147. The percentage of rise/fall in production from the previous year is maximum for the flavour Y in this year :

(A) 2008      (B) 2009      (C) 2006      (D) 2007

148. The difference (in lakh bottles) between the average production of flavour X in 2005, 2006, 2007 and the average production of flavour Y in 2008, 2009 and 2010 is :

(A) 0.5      (B) 1.5      (C) 5      (D) 2.4

149. The approximate decline in the production of flavour Z in 2010 as compared to the production in 2008 is :

(A) 22.5%      (B) 42%      (C) 25%      (D) 33%

150. What percent of the total production of flavour X in 2005 and 2006 combined is the total production of flavour Z in 2007 and 2008 combined ?

(A) 115.57                      (B) 133.33  
(C) 96.67                      (D) 102.25



PART - D

ENGLISH COMPREHENSION

**Directions :** In question numbers 151 to 155, 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.

151. Janu has lots of friends / beside her roommate /  
 (A) (B)  
 in the hotel. / No Error.  
 (C) (D)

152. The number of people /  
 (A)  
 which asked for the discount was low /  
 (B)  
 but grew during the summer period. / No Error.  
 (C) (D)

153. A simple sentence, also called an independent  
 clause, /  
 (A)  
 contains a subject and a verb, /  
 (B)  
 and it expresses a complete thought. / No Error.  
 (C) (D)

154. The teacher told that / I should improve /  
 (A) (B)  
 my hand-writing and spelling. / No Error.  
 (C) (D)

155. You do not know / of him / leaving the town. /  
 (A) (B) (C)  
 No Error.  
 (D)

**Directions :** In question numbers 156 to 160, 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.

156. He pronounced Corbett as 'Carpet' \_\_\_\_\_ that  
 was the way in the Kumaon district.  
 (A) which (B) then (C) it (D) as

157. Do not forget that you have to \_\_\_\_\_ for your hideous deeds.

- (A) punish (B) atone  
 (C) wither (D) struggle

158. I have been waiting \_\_\_\_\_ over half an hour.

- (A) in (B) for  
 (C) from (D) since

159. As soon as we hear from the suppliers we will let you know when the goods \_\_\_\_\_ in stock.

- (A) have been (B) has  
 (C) will be (D) are

160. The author's love for democracy came \_\_\_\_\_ in the novel.

- (A) about (B) on  
 (C) up (D) through

**Directions :** In question numbers 161 to 165, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

161. Prolific  
 (A) Productive (B) Wearisome  
 (C) Skilful (D) Swift

162. Plenitude  
 (A) Ecstasy (B) Abundance  
 (C) Scarcity (D) Prosperity

163. Slipshod  
 (A) Commonplace (B) Retaliatory  
 (C) Vulgar (D) Careless

164. Abolish  
 (A) Ban (B) Accomplish  
 (C) Demolish (D) Delete

165. Adequate  
 (A) Admissible (B) Surplus  
 (C) Sufficient (D) Acceptable

**Directions :** In question numbers 166 to 170, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

166. Notice

- (A) Avoid (B) Overlook  
~~(C) Ignore~~ (D) Forget

167. Excitement

- (A) Boredom (B) ~~Calmness~~  
(C) Incitement (D) Disturbance

168. Incoherent

- ~~(A) Unequal~~ (B) Detached  
(C) Intelligible (D) Disorganised

169. Contaminate

- (A) Glorify (B) Gratify  
(C) Simplify ~~(D) Purify~~

170. Adorn

- (A) Soil (B) Snatch  
(C) Possess (D) Rob

**Directions :** In question numbers 171 to 175, 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.

171. Ram always stands up for a just cause.

- (A) admires (B) understands  
~~(C) supports~~ (D) resents

172. His success in the last examination is nothing but a flash in the pan; it will not surely happen again.

- (A) a welcome triumph.  
(B) the final triumph.  
(C) an expected triumph.  
~~(D) an unexpected triumph.~~

173. He brought to light the mystery behind the incident.

- (A) disposed (B) destroyed  
(C) concealed ~~(D) revealed~~

174. He looks up to his father.

- (A) looks away from (B) stares at  
(C) respects (D) obeys

175. He had to pay through his nose to get the job done.

- (A) be hit on the nose.  
~~(B) pay an excessive amount of money.~~  
(C) undergo the treatment of his nose.  
(D) be led by the nose.

**Directions :** In question numbers 176 to 180, 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).

176. I came up these old photographs when I was cleaning the cupboard.

- (A) came with  
~~(B) came across~~  
(C) came at  
(D) No improvement

177. The sun blazed down at the hunter as he took up position behind the boulder.

- (A) against the hunter  
~~(B) down upon the hunter~~  
(C) on the hunter  
(D) No improvement

178. The government gave a gift of Rs. 10,000 to the engine driver who averted a major accident.

- (A) ex gratia  
(B) in camera  
(C) in absentia  
~~(D) No improvement~~

179. We must have serious reading for the mind as we need wholesome and nutritious food for the body.

- (A) like we need  
~~(B) like as we need~~  
(C) just as we need  
(D) No improvement



180. Poets often use archaic words that are no longer in use for the sake of greater effect.
- (A) that are not any longer used  
 (B) that are used no longer  
 (C) that no longer are used  
 (D) No improvement

**Directions :** In question numbers 181 to 185, out of the four alternatives choose the one which can be substituted for the given words/sentence.

181. An expert in the scientific study of birds.
- (A) Astrologer (B) Keeper  
 (C) Zoologist (D) Ornithologist
182. One who believes that events are decided by fate.
- (A) Numerologist (B) Fatalist  
 (C) Egoist (D) Atheist
183. Like an ape or a monkey.
- (A) Arboreal (B) Feline  
 (C) Avian (D) Simian
184. Having a common centre :
- (A) Concentric (B) Circular  
 (C) Eccentric (D) Chronic
185. A place where foodgrains are stored.
- (A) Granary (B) Museum  
 (C) Aviary (D) Grocery

**Directions :** In question numbers 186 to 190, groups of four words are given. In each group, one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

186. (A) Yacht (B) Yact  
 (C) Yatch (D) Yawt
187. (A) Belligerent (B) Biligerent  
 (C) Beligerent (D) Belegerent

188. (A) Facsimile (B) Faximele  
 (C) Facsimile (D) Facsimilie
189. (A) Miscilleneous (B) Miscellanous  
 (C) Miscillaneous (D) Miscellaneous
190. (A) Equilibriam (B) Equalibriem  
 (C) Equilibriem (D) Equilibrium

**Directions :** In question numbers 191 to 200, you have two passage with 5 questions in each passage. 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 I (Q.No. 191-195)

Tagore had a very healthy contempt for mere agitational politics which he likened to an engine which continually whistles and throws out columns of smoke without ever moving. To the Pilots of India's ship of destiny his advice was, 'Fear not the waves of the sea, but mind the leaks in your own vessels'. If we became a subject-people, it was not because the British were wicked but because we were weaklings. We had ceased to believe in ourselves. Instead of tapping the sources of our own power, we were content to pick rags from other peoples' dust-bins. Unlike Gandhi, Tagore believed in the power and resources of science, though he dreaded the prospect of man becoming the slave of machines instead of machines being the slaves of man. In fact, he dreaded every form of organised power, whether social, political or industrial, which ignored human values and tended to stifle the personality of man.

Though outside India Tagore upheld and interpreted the Indian philosophy of life, in his own country he was the severest critic of its social institutions and religious practices which encouraged superstition and inequality and tolerated injustice.

191. By 'leaks in your own vessel' Tagore means :
- (A) a ship in distress  
 (B) slavery to machines  
 (C) inherent weaknesses  
 (D) leaks in a ship

192. According to Tagore his countrymen had become colonial subjects because :
- ~~(A)~~ they lacked self-belief.  
 (B) the British were wicked.  
 (C) they were physically weak.  
 (D) they did not believe in the resources of science.
193. By 'agitational politics' is meant :
- (A) non-violent politics  
~~(B)~~ agitated politics  
 (C) politics that leads to industrial unrest.  
 (D) politics of a disruptive nature leading to unrest, political or otherwise.
194. Tagore had a fear of :
- (A) power that was political and industrial.  
~~(B)~~ organised industrial and social power.  
 (C) organised social and political power.  
 (D) any power that defied human values and stifled man's personality.
195. Tagore compared agitational politics with :
- (A) a stationary engine that sometimes breathes smoke and fire.  
~~(B)~~ an engine that whistles, lets out smoke, but remains stationary.  
 (C) an ever-moving engine eternally spewing smoke.  
 (D) an eternally stationary engine that does not make any noise.

**Passage II (Q.No. 196-200)**

Kitchen garden today is driven by both aesthetics and necessity. A great variety of vegetables are combined with herbs, annual and perennial flowers, and fruit trees in creative ways. The concept of kitchen garden dates back to several thousand years. By 2700 B.C. the Egyptians had a recorded history of growing over 500 herbs, which were used as drugs to cure illness. In today's India herbal (medicinal and aromatic) plants are the new entrants in Indian gardens. As in cities people mostly reside in high rise apartments, kitchen garden in roofs or terraces are

coming up where pot culture is the current trend. Today herbs are appreciated for their beauty and their use in healthcare. Chefs use herbs to liven their dishes. So, herbs in Indian kitchen garden is coexisting with annual and perennial flowers.

196. The Egyptians used to grow over 500 herbs to :
- ~~(A)~~ cure illness  
 (B) beautify their kitchens  
 (C) decorate their houses  
 (D) garnish their food
197. Kitchen gardens have become popular in Indian cities as :
- (A) people have no time for marketing  
~~(B)~~ there is lack of open space in high rises  
 (C) roofs/terraces are better places for gardening  
 (D) none of the above
198. Chefs use herbs :
- (A) to cure illness  
 (B) to enliven seasonal flowers  
~~(C)~~ to make food tastier  
 (D) for beautification of the kitchen
199. The theme of the passage is :
- ~~(A)~~ Kitchen garden  
 (B) Egyptians and medicinal plants  
 (C) Use of herbs  
 (D) Pot culture
200. At present kitchen gardens :
- (A) satisfy our sense of beauty  
 (B) fulfil our need  
~~(C)~~ both (A) and (B)  
 (D) supply us with medicines