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SSC MULTI-TASKING STAFF EXAM 2013:  
QUESTION PAPER PART I (17 MARCH 2013)



**PART-I**  
**GENERAL INTELLIGENCE & REASONING**

**Directions (1-4) :** In each of the following questions, select the related word/letters/number from the given alternatives.

1. Arousal : Need :: Effort : ?  
(1) Personality  
(2) Motive  
(3) Success  
(4) Probability
2. ABCD : EFGH :: IJKL : ?  
(1) OPQR (2) UVWX  
(3) MNPQ (4) NOPQ
3. 33, 66, 99, ?  
(1) 133 (2) 130  
(3) 131 (4) 132
4. Wheat : Cereal :: Water : ?  
(1) Petrol  
(2) Liquid  
(3) Diesel  
(4) Kerosene

**Directions (5-7) :** In the following question, find the odd word/number from the given alternatives.

5. (1) Japanese (2) Swiss  
(3) French (4) German
6. (1) 17 (2) 19  
(3) 13 (4) 21
7. (1) Sun (2) Moon  
(3) Sky (4) Star
8. Which is the wrong term in the series?  
25, 36, 49, 81, 121, 169, 225  
(1) 36 (2) 121  
(3) 49 (4) 81
9. Mani starts from college and walks 3 kms towards East, turns right and walks 2 kms; turns right again and walks. What is the direction he is now facing?  
(1) South  
(2) North  
(3) West  
(4) East

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

1. Continuation
2. Contention
3. Contain
4. Continuous
5. Count

- (1) 32415
- (2) 32451
- (3) 31245
- (4) 32145

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

- (1) RIOT (2) ROSE  
(3) METER (4) REMOVE

12. If JACOB can be written as QZXLY, then KENDY can be written as \_\_\_\_\_.

- (1) PVWMA (2) PVMWB  
(3) PUMWB (4) PVMWA

13. Make a meaningful word from the given responses.

AL\_E\_

- (1) S T (2) L R  
(3) T R (4) M R

**Directions (14 - 15) :** In the following questions, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

14. 15, 14, 12, 9, 5, 0, \_?\_

- (1) - 11 (2) - 15  
(3) - 6 (4) - 7

15. 26, 22, 20, 16, 14, ?

- (1) 8 (2) 4  
(3) 12 (4) 10

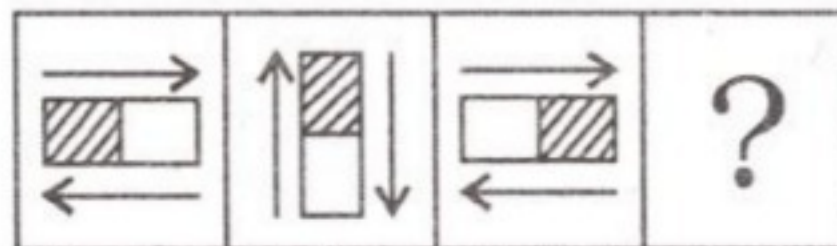
16. If '÷' means '-', '-' means 'x', 'x' means '+' and '+' means '÷' then

$$20 \times 60 \div 40 - 20 + 10 = ?$$

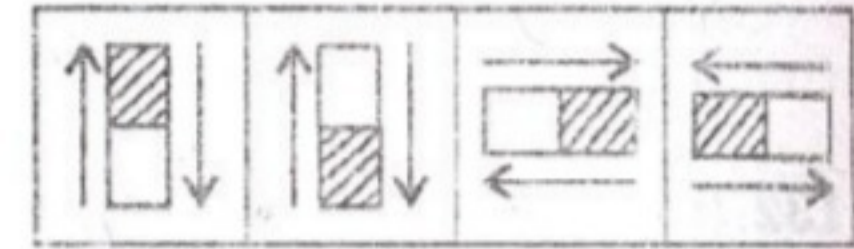
- (1) 80 (2) 60  
(3) 40 (4) 0

17. Find the missing figure of the series from the given responses.

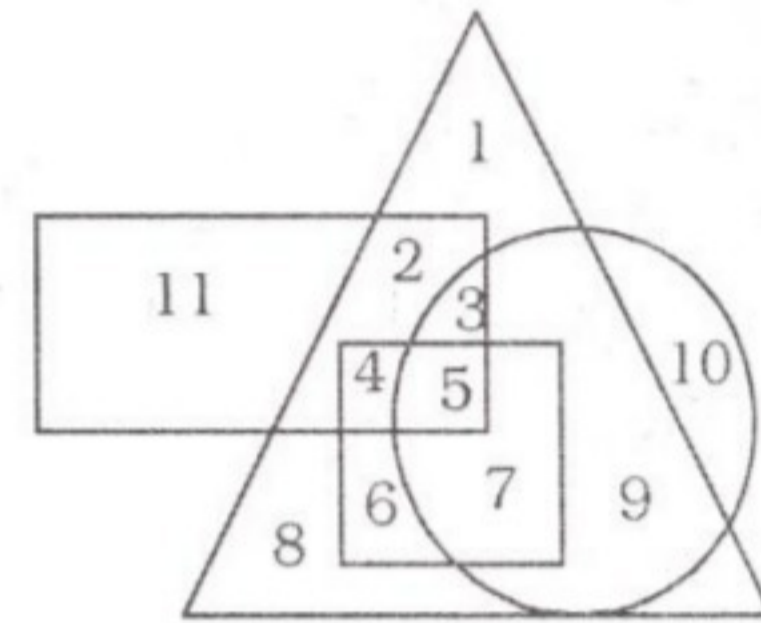
**Question Figures :**



**Answer Figures :**

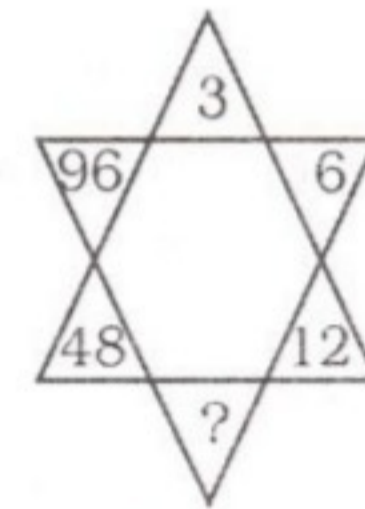


18. In the given diagram, Circle represents professionals, Square represents dancers, Triangles represents musicians and Rectangle represents Europeans. Different regions in the diagram are numbered 1 to 11. One the basis of the diagram, which among the following represents non-European professional dancers?



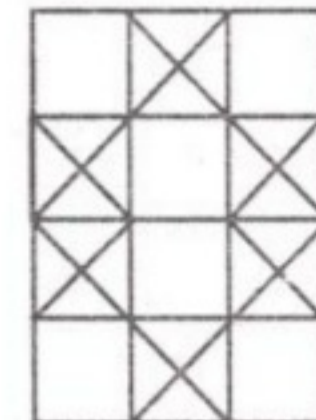
- (1) 6 (2) 9  
(3) 5 (4) 7

19. Select the missing number from the given responses



- (1) 22 (2) 18  
(3) 26 (4) 24

20. Find out the number of squares in the given pattern.

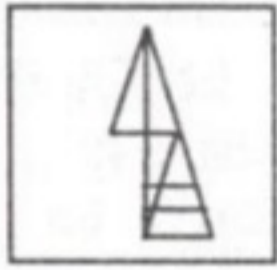




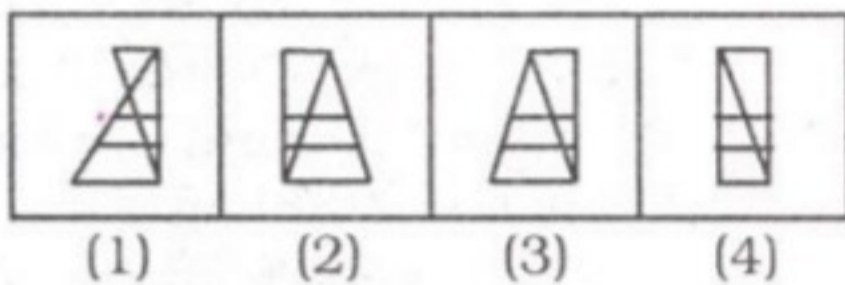
- (1) 20            (2) 23  
(3) 12            (4) 18

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

**Question Figure**



**Answer Figures :**

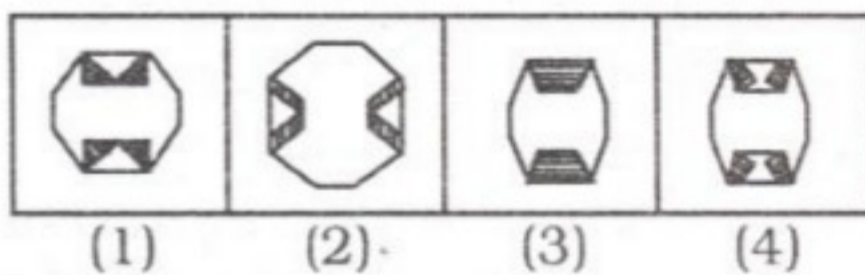


22. Four corners of a rectangular shaded paper are folded as shown in the figure. Find out from the alternative answers how the folded figure would look.

**Question Figures :**

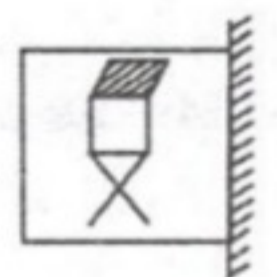


**Answer Figures :**

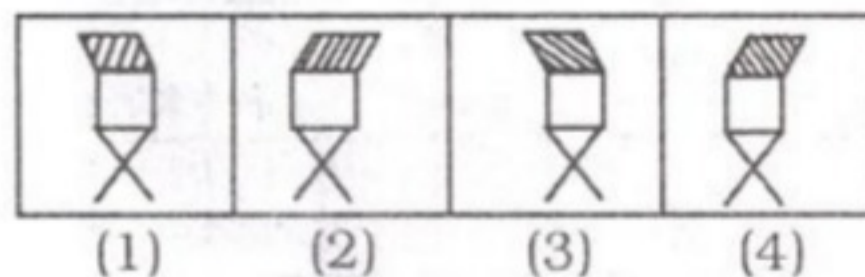


23. Which of the answer figures is the right mirror image of the question figure ?

**Question Figure :**



**Answer Figures :**

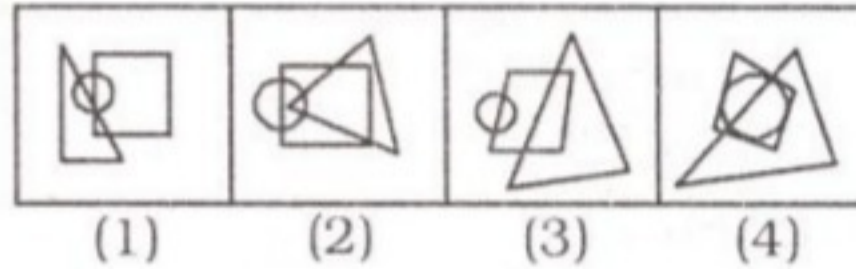


24. Find the answer figure where a dot can be placed satisfying the conditions in which the dot is placed in the question figure :

**Question Figure :**



**Answer Figure**



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. 'D' can be represented by 03, 22, etc. and 'R' can be represented by 56, 68, etc. Similarly, you have to identify the set for the word 'CAST'.

**MATRIX-I**

	0	1	2	3	4
0	A	C	B	D	E
1	M	T	L	K	H
2	B	M	D	A	T
3	N	C	B	H	A
4	E	L	A	K	T

**MATRIX-II**

	5	6	7	8	9
5	P	R	V	O	G
6	V	O	F	R	I
7	S	S	P	G	F
8	J	G	R	O	I
9	I	F	Y	P	P

- (1) 31, 42, 31, 20  
(2) 31, 00, 13, 20  
(3) 31, 12, 24, 00  
(4) 31, 00, 75, 44

**PART-II  
NUMERICAL APTITUDE**

26. There is some water in a long gas jar of diameter 7 cm. If a solid light circular cylindrical piece of iron of length 5 cm and diameter 5.6 cm be immersed completely in that water, the level of water will rise by

- (1) 3.2 cm            (2) 4.2 cm  
(3) 1.2 cm            (4) 2.2 cm

27. A trader marked the price of a commodity so as to include a profit of 25%, but allowed 16% discount on the marked price. His actual profit will be

- (1) 16%            (2) 25%  
(3) 5%            (4) 9%

28. In order that there may be a profit of 20% even after allowing a discount of 10% on the marked price, the cost price of an article has to be increased by

- (1)  $33\frac{1}{3}\%$             (2)  $33\frac{2}{3}\%$   
(3) 30%            (4) 33%

29. The marked price of a toy is Rs. 60 and at a discount that was sold for Rs. 45. Then rate of discount allowed is

- (1) 30%            (2) 35%  
(3) 20%            (4) 25%

30. A person bought some rice and wheat for Rs. 380. The ratio of weight of rice and wheat is 4 : 3 and the price of equal amount of rice and wheat is in the ratio 5 : 6. The rice was bought of worth

- (1) Rs. 380            (2) Rs. 300  
(3) Rs. 200            (4) Rs. 180

31. The simplest value of

$$\sqrt[3]{4\frac{12}{125}}$$
 is

- (1)  $2\frac{2}{5}$             (2)  $1\frac{4}{5}$   
(3)  $1\frac{3}{5}$             (4)  $1\frac{2}{5}$



32. Simplify :

$$\sqrt{3\frac{33}{64}} + \sqrt{9\frac{1}{7}} \times 2\sqrt{3\frac{1}{9}}$$

- (1)  $\frac{45}{256}$  (2)  $1\frac{17}{28}$   
 (3)  $4\frac{3}{8}$  (4)  $2\frac{3}{16}$

33. A cistern can be filled by two pipes A and B in 20 and 30 minutes respectively. Both the pipes are opened together when the cistern is empty, but after some time A is stopped and the cistern is filled in 18 minutes in all. The time (in min.) after which A is stopped, is

- (1) 9 (2) 12  
 (3) 6 (4) 8

34. A can do one and a half as much of a work which B can do in one day. B alone can do a piece of work in 18 days. They together can finish that work in

- (1)  $10\frac{1}{5}$  days (2)  $11\frac{1}{5}$  days  
 (3)  $5\frac{1}{5}$  days (4)  $7\frac{1}{5}$  days

35. The radius of the incircle of a triangle whose sides are 9 cm, 12 cm and 15 cm is

- (1) 9 cm (2) 13 cm  
 (3) 3 cm (4) 6 cm

36. By selling a table for Rs. 1140, a man loses 5%. In order to gain 5%, the table must be sold for

- (1) Rs. 1260 (2) Rs. 1320  
 (3) Rs. 1180 (4) Rs. 1250

37. The reduction of Rs. 12 in the selling price of an article will

change 5% gain into  $2\frac{1}{2}\%$

loss. The cost price of the article is

- (1) Rs. 140 (2) Rs. 160  
 (3) Rs. 80 (4) Rs. 100

38. The enhanced salary of a man becomes Rs. 24,000 after 20% increment. His previous salary was

- (1) Rs. 20,000  
 (2) Rs. 21,000  
 (3) Rs. 16,000  
 (4) Rs. 18,000

39. If the price of rice be raised by 25%, the percent by which a house-holder must reduce his consumption of rice so as not to increase his expenditure on rice is

- (1) 22.5 (2) 25.75  
 (3) 25 (4) 20

40. A goods train starts running from a place at 1 P.M. at the rate of 18 km an hour. Another goods train starts from the same place at 3 P.M. in the same direction and overtakes the first train at 9 P.M. The speed of the second train in km/hr is

- (1) 24 (2) 30  
 (3) 15 (4) 18

41. There are 480 coins in half rupees, quarter rupees and 10 paise coins and their values are proportional to 5 : 3 : 1. The number of coins in each case are

- (1) 100, 200, 180  
 (2) 50, 30, 400  
 (3) 150, 180, 150  
 (4) 300, 90, 90

42. Rs. 1740 is divided among A, B, and C such that 0.5 of A = 0.6 of B = Rs. 0.75 of C. Then C will get

- (1) Rs. 580 (2) Rs. 696  
 (3) Rs. 348 (4) Rs. 464

43. Six tables and twelve chairs were bought for Rs. 7,800. If the average price of a table is Rs. 750, then the average price of a chair would be

- (1) Rs. 250 (2) Rs. 275  
 (3) Rs. 150 (4) Rs. 175

44. Average weight of 25 students of a class is 50 kg. If the weight of the class teacher is included, the average is increased by 1 kg. The weight of the teacher is

- (1) 76 kg (2) 77 kg  
 (3) 74 kg (4) 75 kg

45. A radio dealer sold a radio at a loss of 2.5%. Had he sold it for Rs. 100 more, he would

have gained  $7\frac{1}{2}\%$ . In order to

gain  $12\frac{1}{2}\%$ , he should sell it for

- (1) Rs. 1080 (2) Rs. 1125  
 (3) Rs. 850 (4) Rs. 925

46. The sum lent at 5% per annum (i.e. 365 days) simple interest, that produces interest of Rs. 2.00 a day, is

- (1) Rs. 1,400 (2) Rs. 14,700  
 (3) Rs. 14,600 (4) Rs. 7,300

47. An amount of money appreciates to Rs. 7,000 after 4 years and to Rs. 10,000 after 8 years at a certain compound interest compounded annually. The initial amount of money was

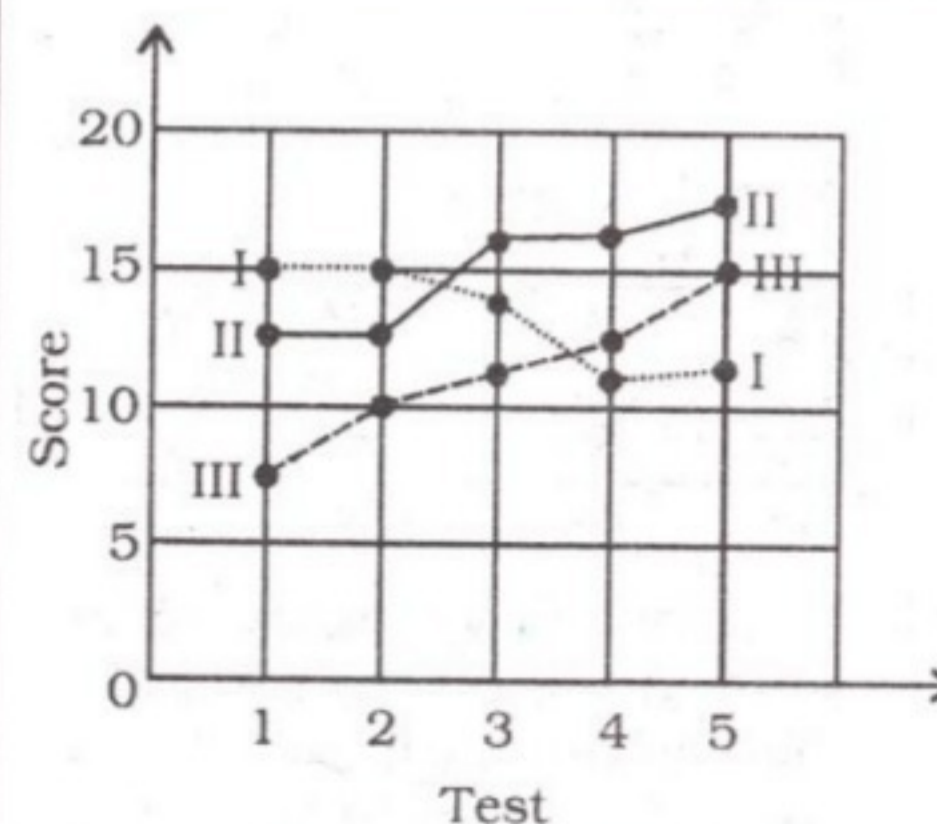
- (1) Rs. 4,700 (2) Rs. 4,900  
 (3) Rs. 4,100 (4) Rs. 4,300

48. Two trains 100 metres and 95 metres long respectively pass each other in 27 seconds when they run in the same direction and in 9 seconds when they run in opposite directions. Speeds of the two trains are

- (1) 44 km/hr, 22 km/hr  
 (2) 52 km/hr, 26 km/hr  
 (3) 36 km/hr, 18 km/hr  
 (4) 40 km/hr, 20 km/hr

49. A class is divided into 3 equal groups and the class is given 5 tests in Maths. Average scores of the groups and the tests is given below. The average score of the entire class in Test 2 is

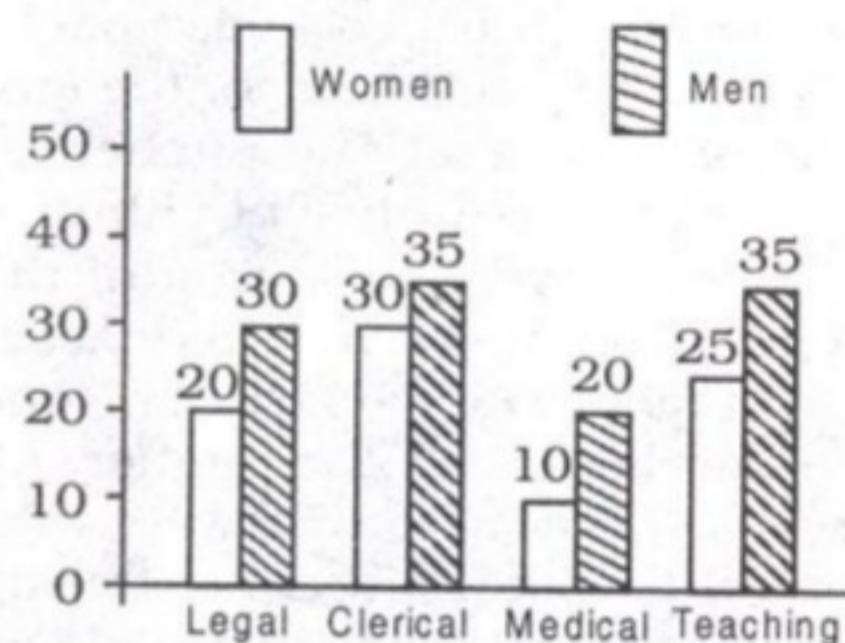
**Average scores of the groups in the first five Mental Maths tests**



- (1) 13 (2) 13.5  
 (3) 10 (4) 12.5



50. Given below is a graph which shows the different occupations of men and women. The occupation that has larger proportion of women compared to the other three jobs is



- (1) Clerical  
(2) Teaching  
(3) Medical  
(4) Legal

### PART-III GENERAL ENGLISH

**Directions ( 51-60) :** In the following questions, some of the sentences have errors and some have none. Find out which part of a sentence has an error. The number of that part is your answer. If there is no error, your answer is (4) i.e., No error.

51. I and him (1)/ are (2)/ very good friends. (3)/No error (4).  
52. One should (1)/ look after (2)/ their parents. (3)/No error (4).  
53. She placed (1)/ the offering (2)/ to God in the altar. (3)/ No error. (4)  
54. Teachers were instructed (1)/ to follow an uniform method (2)/ of evaluation. (3)/ No error. (4)  
55. The newspapers they admit that (1)/ advertising sometimes (2)/ influences their editorial policy.(3)/No error.(4)  
56. No sooner did I finish (1)/ my speech, I was subjected (2)/ to a barrage of questions. (3)/ No error.(4)  
57. I saw him (1)/ coming out of the hotel (2)/ on 10 o'clock. (3)/ No error. (4)

58. One of my friend (1)/ is returning (2)/ to India from the U.S.A. (3)/ No error.(4)

59. He knows (1)/ that your muscles (2)/ are not same as his. (3)/ No error. (4)

60. We shall wait (1)/ till you (2)/ will finish your lunch. (3)/ No error. (4)

**Directions (61-70) :** In the following questions, sentences are given with blanks to be filled with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four.

61. The new government took \_\_\_\_\_ last year.

- (1) after (2) over  
(3) upon (4) out

62. Mohan's career has taken some \_\_\_\_\_ twists and turns.

- (1) interesting  
(2) interactive  
(3) intuitive  
(4) incentive

63. Sheila gained an advantage \_\_\_\_\_ me.

- (1) from (2) on  
(3) over (4) upon

64. She was remarkably \_\_\_\_\_ in singing and dancing.

- (1) conducive  
(2) fluctuating  
(3) cooperative  
(4) accomplished

65. It is raining \_\_\_\_\_. Do not go out.

- (1) fast (2) soundly  
(3) strongly (4) heavily

66. When she retired, she handed \_\_\_\_\_ the charge to the Vice-President.

- (1) out (2) across  
(3) off (4) over

67. Statistics \_\_\_\_\_ always my worst subject.

- (1) were (2) is  
(3) have (4) are

68. The bus \_\_\_\_\_ fifty passengers fell \_\_\_\_\_ the river.

- (1) for; upon  
(2) over; on  
(3) of; at  
(4) with; into

69. Take this medicine regularly and you will get rid \_\_\_\_\_ this disease.

- (1) from (2) of  
(3) over (4) at

70. She tries to adjust \_\_\_\_\_ her relations.

- (1) at (2) so  
(3) with (4) for

**Directions (71-73) :** In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given word.

71. Barbaric

- (1) Uncivilized  
(2) Premeditated  
(3) Barber's  
(4) Thorny

72. Hurdle

- (1) Throw (2) Opposition  
(3) Obstacle (4) Suspicion

73. Deter

- (1) To neglect  
(2) To disapprove  
(3) To differ  
(4) To hinder

**Directions (74-76) :** In the following questions, choose the word opposite in meaning to the given word.

74. Indolent

- (1) Diligent  
(2) Malevolent  
(3) Brilliant (4) Solvent

75. Coherent

- (1) Disorganized  
(2) Inept (3) Carefree  
(4) Distorted

76. Brutal

- (1) Humane (2) Fearless  
(3) Criminal (4) Adamant

**Directions (77-79) :** In the following questions, four alternatives are given for the idiom/phrase printed in **bold** in the sentence. Choose the alternative which best expresses the meaning of the idiom/phrase.

77. The mother always insists on keeping the house **spick and span**.

- (1) locked (2) safe  
(3) tidy (4) open

78. The man **changed colours** when I questioned him on the allocation of funds.

- (1) got numbed  
(2) turned happy



- (3) got motivated  
(4) turned pale

79. We cannot depend on him for this assignment as it needs careful handling and he is **like a bull in a china shop**.

- (1) a clumsy person  
(2) a tactful person  
(3) a no-nonsense person  
(4) a felicitous person

**Directions (80-84) :** In the following questions, a part of the sentence is printed in **bold**. Below are given alternatives to the **bold** part at (1), (2) and (3) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (4).

80. **Since she directing** the play for quite some time, she knows the actors really well.

- (1) Since she has directed  
(2) Since she has been directing  
(3) Since she was directing  
(4) No improvement

81. She is **scrutinising** hard for the final examination.

- (1) recollecting  
(2) recapitulating  
(3) revising  
(4) No improvement

82. This is the **late** edition of the Shakespearean play which was originally published in 1603.

- (1) later (2) latest  
(3) latter  
(4) No improvement

83. You can borrow my laptop **as long** as you promise not to misuse it.

- (1) only long as  
(2) too long as  
(3) so long as  
(4) No improvement

84. On receiving his appointment letter, Ravi **treated us with** a sumptuous meal.

- (1) treated us to  
(2) treated us for  
(3) treated us by  
(4) No improvement

**Directions (85-89) :** In the following questions, out of the four alternatives choose the one which can be substituted for the given words/sentence.

85. Exclusive possession or control of anything

- (1) Monotheism  
(2) Monopoly  
(3) Monoism  
(4) Mono-mania

86. One who is unable to pay one's debt

- (1) Bankrupt  
(2) Bankroll  
(3) Extravagant  
(4) Borrower

87. Instrument that magnifies objects

- (1) Periscope  
(2) Stethoscope  
(3) Telescope  
(4) Microscope

88. Animals which live in water

- (1) Wild (2) Domestic  
(3) Aquatic (4) Barren

89. The study of plant life

- (1) Zoology (2) Botany  
(3) Geography (4) Geology

**Directions (90-95) :** In the following questions, there are four different words out of which one is correctly spelt. Find the correctly spelt word.

90. (1) calandar (2) colendar  
(3) calendar (4) calender

91. (1) objectionable  
(2) objecktionable  
(3) objectionable  
(4) objectionable

92. (1) appology  
(2) apalogy  
(3) apology  
(4) apollogy

93. (1) excellence  
(2) excellencce  
(3) exillance  
(4) exellence

94. (1) grammer (2) gramer  
(3) gramar (4) grammar

95. (1) ommitted (2) omitted  
(3) omited (4) ommited

**Directions (96-100) :** In the following questions, you have a passage with 5 questions. Read the passage carefully and choose the best answer to each question out of the four alternatives.

Long ago in Mongolia there lived an emperor who feared growing old. One day, he saw an old man

in the street. Upset at being reminded that someday, he too, would age, he ordered all the old people to leave his land.

One day, a violent storm swept the kingdom. Nothing was safe from its fury. It roared into the palace and blew away the emperor's belongings, including his priceless golden pitcher. When the storm ended, the emperor ordered that the pitcher be found and brought back to him.

People went in search of the pitcher. They saw it in a lake nearby. But no matter who tried, no one could get a grip on the pitcher. All they got was a handful of water. Yet it could be plainly seen, glittering and just below the water's surface!

96. The emperor was upset to see the old man because

- (1) it reminded him that he might fall ill  
(2) it reminded him that he would grow old too  
(3) it reminded him that he had to colour his hair  
(4) it reminded him of his grandfather

97. The people saw the golden pitcher

- (1) in a lake nearby  
(2) in a pit nearby  
(3) inside the palace  
(4) in a river nearby

98. The emperor's orders were that all the

- (1) old men should leave his land  
(2) old men should live in his land  
(3) young men should stay in his land  
(4) children should leave his land

99. What did the people who went to bring the pitcher get?

- (1) A handful of water  
(2) A handful of air  
(3) The pitcher's handle  
(4) Nothing at all

100. The emperor feared

- (1) getting young  
(2) getting weak  
(3) getting ill  
(4) getting old



**PART-IV**  
**GENERAL AWARENESS**

- 101.** Which one of the following is not an All India Service ?  
 (1) Indian Foreign Service  
 (2) Indian Forest Service  
 (3) Indian Administrative Service  
 (4) Indian Police Service
- 102.** In which session of the Indian National Congress was the "Poorna Swaraj" resolution adopted ?  
 (1) Lucknow Session in 1916  
 (2) Belgaum Session in 1924  
 (3) Lahore Session in 1929  
 (4) Karachi Session in 1931
- 103.** The school of arts developed during the Kushan Period with the mixture of Indian and Greek style is known as  
 (1) Kushan art  
 (2) Persian art  
 (3) Gandhara art  
 (4) Mughal art
- 104.** Where was Christopher Columbus from ?  
 (1) Venice (2) Genoa  
 (3) Spain (4) Portugal
- 105.** Name the Commander of the Arab army who conquered the Sindh.  
 (1) Al Hazzaz  
 (2) Qutbuddin Aibak  
 (3) Allauddin Khilji  
 (4) Muhammad bin Qasim
- 106.** Who was the chairperson of the Chinese Communist Party at the time of liberation of China?  
 (1) Zhou Enlai  
 (2) Deng Xiaoping  
 (3) Mao Zedong  
 (4) Liu Shaoqi
- 107.** Who was regarded by Gandhiji as his political Guru ?  
 (1) Lala Lajpat Rai  
 (2) Bipin Chandra Pal  
 (3) Bal Gangadhar Tilak  
 (4) Gopal Krishna Gokhale
- 108.** Select the High Yielding Varieties of seed-crops developed under Green Revolution in India.  
 (1) Rice, Wheat, Pulses, Oil seeds and Sugarcane  
 (2) Maize, Black-gram, Jowar, Coffee and Tea  
 (3) Rice, Wheat, Jowar, Bajra and Maize  
 (4) Wheat, Rice, Sugarcane, Pulses and Maize
- 109.** In which year did Amartya Kumar Sen receive the Nobel Prize in Economics ?  
 (1) 1998 (2) 1995  
 (3) 2000 (4) 1990
- 110.** The worldwide Great Depression took place in  
 (1) 1936 (2) 1929  
 (3) 1928 (4) 1930
- 111.** India is the largest producer and consumer of  
 (1) Paddy (2) Tea  
 (3) Coffee (4) Sugar
- 112.** A camera in the hands of a professional photographer is a \_\_\_\_\_ good.  
 (1) Free  
 (2) Intermediary  
 (3) Consumer  
 (4) Capital
- 113.** Which among the following movements was not led by Mahatma Gandhi ?  
 (1) Quit India Movement  
 (2) Swadeshi Movement  
 (3) Non-Cooperation Movement  
 (4) Civil Disobedience Movement
- 114.** Constitution of India came into force in  
 (1) 1951 (2) 1956  
 (3) 1950 (4) 1949
- 115.** Cold War refers to  
 (1) tension between East and West  
 (2) ideological rivalry between Capitalist and Communist world  
 (3) tension between Superpowers  
 (4) All of the above
- 116.** When a body falls from an aeroplane, there is increase in its  
 (1) Kinetic energy  
 (2) Mass  
 (3) Acceleration  
 (4) Potential energy
- 117.** What does 'Ozone Layer' absorb ?  
 (1) Infrared rays  
 (2) Ultraviolet rays  
 (3) X-rays  
 (4)  $\gamma$ -rays
- 118.** In a water lifting electric pump, we convert  
 (1) Electrical energy into Potential energy  
 (2) Kinetic energy into Electrical energy  
 (3) Kinetic energy into Potential energy  
 (4) Electrical energy into Kinetic energy
- 119.** The type of mirror used in automobiles to see the traffic on the rear side is  
 (1) Concave  
 (2) Plano-Convex  
 (3) Plane  
 (4) Convex
- 120.** In MS-Excel, \_\_\_\_\_ provide a visual representation of the values in a worksheet.  
 (1) Charts  
 (2) Formulae  
 (3) Templates  
 (4) Views
- 121.** Speed of processor chip is measured in  
 (1) Mbps  
 (2) MHz  
 (3) Bits/second  
 (4) Bytes/second
- 122.** Which command is not used to switch off the computer ?  
 (1) Turn off  
 (2) Log off  
 (3) Shut Down  
 (4) Hibernate
- 123.** Which one out of the following helps in burning ?  
 (1) Oxygen  
 (2) Carbon monoxide  
 (3) Nitrogen  
 (4) Carbon dioxide
- 124.** In organic compounds, nitrogen is estimated by  
 (1) Carius method  
 (2) Victor-Meyer's method  
 (3) Liebig's method  
 (4) Dumas' method
- 125.** The busiest rail section in respect to goods transportation is  
 (1) Delhi - Kolkata section  
 (2) Kolkata - Chennai section  
 (3) Delhi - Mumbai section  
 (4) Mumbai - Chennai section
- 126.** The Tropic of Cancer does not pass through



- (1) Myanmar  
(2) Nepal  
(3) Bangladesh  
(4) China
- 127.** The country in East Asia which is most conspicuous for its decreasing population growth since 1981 is  
(1) South Korea  
(2) Thailand  
(3) China  
(4) Japan
- 128.** The Sethusamudram Ship Canal Project (SSCP) is supposed to reduce the distance between Chennai and Tuticorin by \_\_\_\_\_ nautical miles.  
(1) 361 (2) 434  
(3) 243 (4) 305
- 129.** Cities with population from one to five million are called  
(1) Conurbation  
(2) Million City  
(3) Metropolitan  
(4) Cosmopolitan
- 130.** Master copy of genetic information is  
(1) Nucleus  
(2) r-RNA  
(3) m-RNA  
(4) DNA
- 131.** Contraceptive pills in the market contain  
(1) Inorganic compounds  
(2) Herbicides  
(3) Antibiotics  
(4) Steroid-hormones
- 132.** Nematocysts are present in  
(1) Starfish  
(2) Ascaris  
(3) Centipede  
(4) Sea anemone
- 133.** Which of the following microorganisms is used in milk curdling?  
(1) *Acetobacter*  
(2) *Leuconostoc*  
(3) *Bacillus*  
(4) *Lactobacillus*
- 134.** Which of the following is present in Chlorophyll molecule?  
(1) Mn (2) Mg  
(3) Fe (4) K
- 135.** Who is the author of the book 'Beyond the Lines : An Autobiography' ?  
(1) Khushwant Singh  
(2) General J.J. Singh  
(3) Kuldip Nayar  
(4) Ray Bradbury
- 136.** Which of the following Indian States has the largest concentration of Scheduled Tribes population ?  
(1) Madhya Pradesh  
(2) Assam  
(3) Bihar  
(4) Orissa
- 137.** Sanjukta Panigrahi was famous for the dance  
(1) Bharatnatyam  
(2) Kathak  
(3) Manipuri  
(4) Odissi
- 138.** Which Indian batsman announced his retirement from International Cricket on August 18, 2012 ?  
(1) Virat Kohli  
(2) Saurav Ganguly  
(3) Sachin Tendulkar  
(4) V.V.S. Laxman
- 139.** Which sportsperson announced recently that he will not contest charges of doping against US Anti-Doping Agency ??  
(1) George Hincapie  
(2) Bradley Wiggins  
(3) Carl Lewis  
(4) Lance Armstrong
- 140.** Who is the winner of the Rajiv Gandhi Khel Ratna Award (2011) ?  
(1) Gagan Narang  
(2) Saina Nehwal  
(3) Sachin Tendulkar  
(4) M.S. Dhoni
- 141.** 'White Revolution' is related to  
(1) Wheat production  
(2) Milk production  
(3) Flood control  
(4) Fish production
- 142.** Who proposed the adage "Survival of the fittest" ?  
(1) Darwin (2) William  
(3) Huxley (4) Lamarck
- 143.** The hottest part of the gas flame is known as  
(1) blue zone  
(2) non-luminous zone  
(3) luminous zone  
(4) dark zone
- 144.** Which, of the following radiations has the least wavelength ?  
(1) X-rays (2)  $\alpha$ -rays  
(3)  $\gamma$ -rays (4)  $\beta$ -rays
- 145.** The earth is a  
(1) good reflector of heat  
(2) non-absorber of heat  
(3) good absorber and good radiator of heat  
(4) bad absorber and bad radiator of heat
- 146.** BCG vaccination is given at the age of  
(1) 2-3 years  
(2) 10 years  
(3) Newborn  
(4) Within 15 days
- 147.** The International Year of Biodiversity was  
(1) 1996 (2) 1999  
(3) 2006 (4) 2010
- 148.** Which of the following atmospheric gases constitute greenhouse gases ?  
1. Carbon dioxide  
2. Nitrogen  
3. Nitrous oxide  
4. Water vapour  
Select the correct answer using the codes given below :  
(1) 1, 3 and 4  
(2) 1 and 4  
(3) 1 and 3  
(4) 1, 2 and 4
- 149.** 'Kyoto Protocol', an agreement signed by various countries, is associated with  
(1) Clean Environment and Climate Change  
(2) Building common food stock to save human beings from any natural disaster  
(3) International Trade  
(4) Deep Sea Oil and Mineral Exploration
- 150.** Why was Justice Dalveer Bhandari in the news recently ?  
(1) He became Director-General of World Trade Organization  
(2) He became Secretary-General of SAARC  
(3) He became a member of U.N. Human Rights Council  
(4) He was elected to the International Court of Justice



**Answers Key**

<b>1. (3)</b>	<b>2. (1)</b>	<b>3. (4)</b>	<b>4. (2)</b>
<b>5. (1)</b>	<b>6. (4)</b>	<b>7. (3)</b>	<b>8. (1)</b>
<b>9. (3)</b>	<b>10. (4)</b>	<b>11. (4)</b>	<b>12. (2)</b>
<b>13. (3)</b>	<b>14. (3)</b>	<b>15. (4)</b>	<b>16. (4)</b>
<b>17. (2)</b>	<b>18. (4)</b>	<b>19. (4)</b>	<b>20. (2)</b>
<b>21. (3)</b>	<b>22. (1)</b>	<b>23. (3)</b>	<b>24. (1)</b>
<b>25. (4)</b>	<b>26. (1)</b>	<b>27. (3)</b>	<b>28. (1)</b>
<b>29. (4)</b>	<b>30. (3)</b>	<b>31. (3)</b>	<b>32. (4)</b>
<b>33. (4)</b>	<b>34. (4)</b>	<b>35. (3)</b>	<b>36. (1)</b>
<b>37. (2)</b>	<b>38. (1)</b>	<b>39. (4)</b>	<b>40. (1)</b>
<b>41. (3)</b>	<b>42. (4)</b>	<b>43. (2)</b>	<b>44. (1)</b>
<b>45. (2)</b>	<b>46. (3)</b>	<b>47. (2)</b>	<b>48. (2)</b>
<b>49. (4)</b>	<b>50. (1)</b>	<b>51. (1)</b>	<b>52. (3)</b>
<b>53. (3)</b>	<b>54. (2)</b>	<b>55. (1)</b>	<b>56. (1)</b>
<b>57. (3)</b>	<b>58. (1)</b>	<b>59. (3)</b>	<b>60. (3)</b>
<b>61. (2)</b>	<b>62. (1)</b>	<b>63. (3)</b>	<b>64. (4)</b>
<b>65. (4)</b>	<b>66. (4)</b>	<b>67. (2)</b>	<b>68. (4)</b>
<b>69. (2)</b>	<b>70. (3)</b>	<b>71. (1)</b>	<b>72. (3)</b>
<b>73. (4)</b>	<b>74. (1)</b>	<b>75. (1)</b>	<b>76. (1)</b>
<b>77. (3)</b>	<b>78. (4)</b>	<b>79. (1)</b>	<b>80. (2)</b>
<b>81. (3)</b>	<b>82. (2)</b>	<b>83. (3)</b>	<b>84. (1)</b>
<b>85. (2)</b>	<b>86. (1)</b>	<b>87. (4)</b>	<b>88. (3)</b>
<b>89. (2)</b>	<b>90. (3)</b>	<b>91. (4)</b>	<b>92. (3)</b>
<b>93. (1)</b>	<b>94. (4)</b>	<b>95. (2)</b>	<b>96. (2)</b>
<b>97. (1)</b>	<b>98. (1)</b>	<b>99. (1)</b>	<b>100. (4)</b>
<b>101. (1)</b>	<b>102. (3)</b>	<b>103. (3)</b>	<b>104. (3)</b>
<b>105. (4)</b>	<b>106. (3)</b>	<b>107. (4)</b>	<b>108. (1)</b>
<b>109. (1)</b>	<b>110. (2)</b>	<b>111. (2)</b>	<b>112. (4)</b>
<b>113. (2)</b>	<b>114. (3)</b>	<b>115. (1)</b>	<b>116. (3)</b>
<b>117. (2)</b>	<b>118. (1)</b>	<b>119. (4)</b>	<b>120. (1)</b>
<b>121. (2)</b>	<b>122. (4)</b>	<b>123. (1)</b>	<b>124. (4)</b>
<b>125. (1)</b>	<b>126. (2)</b>	<b>127. (4)</b>	<b>128. (1)</b>
<b>129. (3)</b>	<b>130. (4)</b>	<b>131. (4)</b>	<b>132. (4)</b>
<b>133. (4)</b>	<b>134. (2)</b>	<b>135. (3)</b>	<b>136. (1)</b>
<b>137. (1)</b>	<b>138. (4)</b>	<b>139. (4)</b>	<b>140. (1)</b>
<b>141. (2)</b>	<b>142. (1)</b>	<b>143. (3)</b>	<b>144. (3)</b>
<b>145. (3)</b>	<b>146. (4)</b>	<b>147. (4)</b>	<b>148. (1)</b>
<b>149. (1)</b>	<b>150. (4)</b>		



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