

# SSC MULTI-TASKING STAFF EXAM

Held on : 10.03.2013

Test Form No. : 012MN2

## PART-I

### GENERAL INTELLIGENCE AND REASONING

**Directions (1-3) :** In each of the following questions, select the related word/ number from the given alternatives.

- Gramophone : Record :: Video : ?  
 (1) T.V. (2) Recording  
 (3) Cassette (4) Camera
- Axe : Chop :: Needle : ?  
 (1) trim (2) draw  
 (3) plough (4) knit
- 6 : 8 :: 3 : ?  
 (1) 2 (2) 4  
 (3) 6 (4) 8

**Directions (4-7) :** In each of the following questions, find the odd number/ words from the given alternatives.

- (1) Aluminium  
 (2) Iron  
 (3) Copper (4) Brass
- (1) Nepal (2) Myanmar  
 (3) Bangladesh (4) Sri Lanka
- (1) Flatter  
 (2) Compliment  
 (3) Praise (4) Appraise
- (1) 1 (2) 11  
 (3) 21 (4) 51
- Which of the given responses would, be a meaningful order of the following?  
 (i) Infant (ii) Old  
 (iii) Adult  
 (iv) Adolescent  
 (v) Child  
 (1) (v), (iv), (iii), (ii), (i)  
 (2) (iii), (iv), (ii), (i), (v)  
 (3) (ii), (iii), (iv), (v), (i)  
 (4) (i), (v), (iv), (iii), (ii)

**Directions (9-11) :** In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

- F, L, Q, U, X, ?  
 (1) B (2) Z  
 (3) Y (4) A
- 0.5, 2, 4.5, 8, 12.5, ?  
 (1) 17 (2) 16  
 (3) 16.5 (4) 18
- 3, 6, 18, 21, 63, 66, ?  
 (1) 181 (2) 160  
 (3) 147 (4) 198
- A boy introduced a girl as the daughter of the son of the mother of his aunt. The girl is boy's :  
 (1) Sister  
 (2) Cousin sister  
 (3) Sister-in-law  
 (4) Aunt
- From the given alternative words, select the word which cannot be formed using the letters of the given word :  
 KOLMOGROV- SMIRNOV  
 (1) MOORINGS  
 (2) ROOMKING  
 (3) GOVINDA  
 (4) SLIMGROOM
- Letters given in the first line have codes as in the second line.

X	C	Y	O	M	G	I	R	Q	V
8	4	1	6	2	0	9	3	5	7

How will the letters VGIXRM be coded ?

- (1) 709823 (2) 709835  
 (3) 709832 (4) 708635
- If  $20 \times 5 = 4$  and  $48 \times 12 = 4$ , then  $77 \times 11 = ?$   
 (1) 7 (2) 4  
 (3) 847 (4) 10

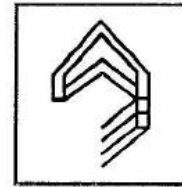
- If rectangle = 12, triangle = 15, square = 6, parallelogram = 4 and circle = 3, solve the equation using the above values and answer in figures.

$$\frac{\text{rectangle} + \text{square}}{\text{triangle}} = ?$$

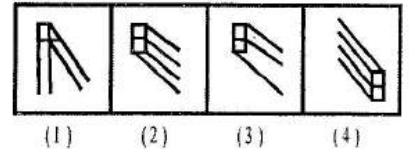
- (1)  $\frac{4}{5}$  (2)  $\frac{3}{5}$   
 (3)  $\frac{6}{5}$  (4)  $\frac{2}{3}$

- Which answer figure will complete the pattern in the question figure ?

**Question Figure**

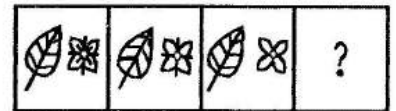


**Answer Figures**

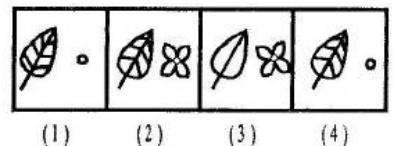


- Which figure will come next in the series from the given alternatives ?

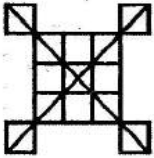
**Question Figures**



**Answer Figures**

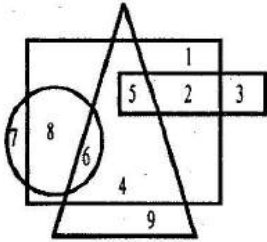


19. Find out the number of squares in the given figure.



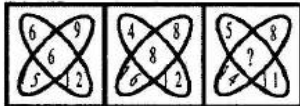
- (1) 13            (2) 14  
(3) 17            (4) 18

20. Which number is in the triangle, square and circle?



- (1) 4            (2) 5  
(3) 6            (4) 8

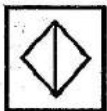
21. Select the missing number from the given responses.



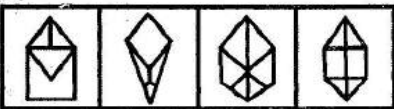
- (1) 12            (2) 10  
(3) 8            (4) 6

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

**Question Figure**



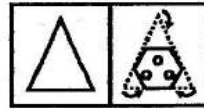
**Answer Figures**



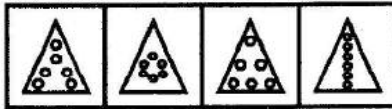
- (1)            (2)            (3)            (4)

23. A triangular piece of paper is folded and punched as shown in the question figure. How will it appear when opened? Select your response from the answer figures.

**Question Figures**



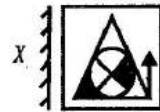
**Answer Figures**



- (1)            (2)            (3)            (4)

24. Which is the mirror image of the question figure when the mirror is held at X?

**Question Figures**



**Answer Figures**



- (1)            (2)            (3)            (4)

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., 'P' can be represented by 00,14 etc and 'A' can be represented by 56,79 etc. Similarly, you have to identify the set for the word 'ROSE'.

**I**

	0	1	2	3	4
0	P	U	L	S	E
1	U	L	S	E	P
2	L	S	E	P	U
3	S	E	P	U	L
4	E	P	U	L	S

**II**

	5	6	7	8	9
4	R	A	D	I	O
6	A	D	I	O	R
7	D	I	O	R	A
8	I	O	R	A	D
9	O	R	A	D	I

- (1) 55, 95, 44, 42  
(2) 96, 95, 44, 40  
(3) 69, 86, 21, 43  
(4) 87, 95, 44, 43

**PART-II**

**NUMERICAL APTITUDE**

26. What is the value of

$$\frac{\sqrt{24} + \sqrt{216}}{\sqrt{96}} ?$$

- (1)  $2\sqrt{6}$             (2)  $4\sqrt{6}$   
(3) 2            (4) 4

27. The value of  $(\sqrt{4^3 + 15^2})^3$  is :

- (1) 4913            (2) 4313  
(3) 4193            (4) 3943

28. There are two pumps to fill a tank with water. First pump can fill the empty tank in 8 hours, while the second in 10 hours. If both the pumps are opened at the same time and kept open for 4 hours, the part of tank that will be filled up is :

- (1)  $\frac{9}{10}$             (2)  $\frac{1}{10}$   
(3)  $\frac{2}{5}$             (4)  $\frac{1}{5}$

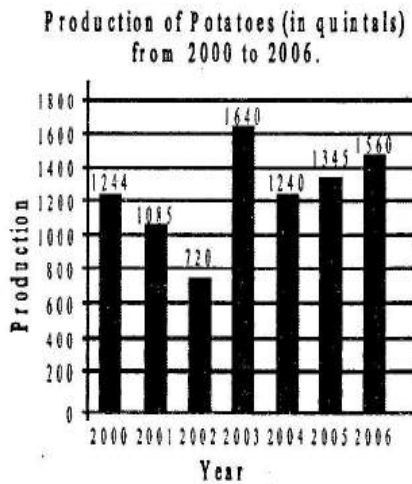
29. A contractor undertook to finish a work in 92 days and employed 110 men. After 48 days, he found that he had

already done  $\frac{3}{5}$  part of the work, the number of men he can withdraw so that the work may still be finished in time is :

- (1) 45            (2) 40  
(3) 35            (4) 30

30. The length of the largest possible rod that can be placed in a cubical room is  $35\sqrt{3}$  mt. The surface area of the largest possible sphere that fit within the cubical room (assuming  $\pi = \frac{22}{7}$ ) in square mt. is  
 (1) 3,500 (2) 3,850  
 (3) 2,450 (4) 4,250
31. If the diameter of a circle is increased by 8% then its area is increased by :  
 (1) 16.64% (2) 6.64%  
 (3) 16% (4) 16.46%
32. While selling to the retailer, a company allows 30% discount on the marked price of their products. If the retailer sells those products at marked price, his profit will be :  
 (1) 30% (2)  $42\frac{1}{7}\%$   
 (3) 40% (4)  $42\frac{6}{7}\%$
33. A trader allows two successive discounts of 30% and 15% for selling an article. If he gets ₹ 476 for the article, its marked price is :  
 (1) 800 (2) 750  
 (3) 600 (4) 900
34. A profit of 10% is made after giving a discount of 5% in a T. V. If the marked price of the TV is ₹ 2640.00, the cost price of the TV was :  
 (1) ₹ 2280 (2) ₹ 2296  
 (3) ₹ 2380 (4) ₹ 2396
35. The ratio of two numbers is 3 : 4 and their H.C.F. is 4; then their L.C.M. is :  
 (1) 12 (2) 24  
 (3) 36 (4) 48
36. A cyclist, after cycling a distance of 70 km on the second day, finds that the ratio of distances covered by him on the first two days is 4 : 5. If he travels a distance of 42 km. on the third day, then the ratio of distances travelled on the third day and the first day is :  
 (1) 4 : 3 (2) 3 : 2  
 (3) 3 : 4 (4) 2 : 3
37. If 5.5 of  $a = 0.65$  of  $b$ , then  $a : b$  is equal to :  
 (1) 13 : 11 (2) 11 : 13  
 (3) 13 : 110 (4) 110 : 13
38. From a class of 42 boys, a boy aged 10 years goes away and in his place, a new boy is admitted. If on account of this change, the average age of the boys in that class increases by 2 months, the age of the newcomer is :  
 (1) 19 years  
 (2) 17 years  
 (3) 10 years 6 months  
 (4) 12 years 2 months
39. The average of 10 items was found to be 80 but while calculating, one of the items was counted as 60 instead of 50. Then the correct average would have been :  
 (1) 69 (2) 79.25  
 (3) 79 (4) 79.5
40. A man bought a horse and a carriage for ₹ 40,000. He sold the horse at a gain of 10% and the carriage at a loss of 5%. He gained 1% on his whole transaction. The cost price of the horse was :  
 (1) ₹ 15000 (2) ₹ 16000  
 (3) ₹ 18000 (4) ₹ 20000
41. By selling 4 articles for 1 rupee, a man loses 4%. Had he sold three articles per rupee, the profit would have been :  
 (1) 30% (2) 28%  
 (3) 16% (4) 12%
42. An article is sold at a loss of 10%. Had it been sold for ₹ 90 more, there would have been a gain of 5%. The original sale price of the article (in ₹) is :  
 (1) 540 (2) 600  
 (3) 628 (4) 650
43. Price of milk has increased by 20%. To keep the expenditure unchanged, the present consumption is to be reduced by :  
 (1) 20% (2) 18%  
 (3) 10% (4)  $16\frac{2}{3}\%$
44. What is to be added to 15% of 160 so that the sum may be equal to 25% of 240 ?  
 (1) 24 (2) 84  
 (3) 60 (4) 36
45. A train covers a certain distance in 210 minutes at a speed of 60 kmph. The time taken by the train, to cover the same distance at a speed of 80 kmph is :  
 (1)  $3\frac{5}{8}$  hours (2)  $2\frac{5}{8}$  hours  
 (3)  $4\frac{5}{8}$  hours (4) 3 hours
46. Two trains start from station A and B and travel towards each other at speeds of 16 miles/ hour and 21 miles/ hour respectively. At the time of their meeting, the second train has travelled 60 miles more than the first. The distance between A and B (in miles) is :  
 (1) 444 (2) 496  
 (3) 333 (4) 540
47. A sum was lent at simple interest at a certain rate for 2 years. Had it been lent at 3% higher rate, it would have fetched ₹ 300 more. The original sum of money was :  
 (1) ₹ 5000 (2) ₹ 6000  
 (3) ₹ 7000 (4) ₹ 4000
48. A man saves ₹ 2000 at the end of each year and invests the money at 5% compound interest. At the end of 3 years he will have :  
 (1) ₹ 4305 (2) ₹ 6305  
 (3) ₹ 4205 (4) ₹ 2205

**Directions (49-50) :** The bar diagram below shows the production of potatoes (in quintals) from the year 2000 to 2006. Study the diagram and answer the following questions.



49. Considering the average production during this period, the number of years in which the production is above average is :

- (1) 1 (2) 2  
(3) 3 (4) 4

50. During this period, the highest rate of decline in production is :

- (1) 24.4% (2) 28.22%  
(3) 33.64% (4) 35.32%

### PART-III

### GENERAL ENGLISH

**Directions (51-60) :** In the following questions, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error. The answer of that part is the answer. If a sentence is free from error, your answer is (4) i.e. No error.

51. Subha (1)/ is living (2)/ in Chennai since 1987. (3)/ No error (4)
52. This errors (1)/ are made (2)/ by foreigners. (3)/ No error (4)
53. On entering the crowding room (1)/ I could not see one person (2)/ whom I knew. (3)/ No error (4)

54. Sundar (1)/ is getting married (2)/ with Sita. (3)/ No error (4)
55. He studied (1)/ so hardly (2)/ he was sure of passing. (3)/ No error (4)
56. If your coming home tomorrow (1)/ let me know at what time (2)/ I can expect you. (3)/ No error (4)
57. Though we both are of the same height (1)/ you are more heavier (2)/ than I. (3)/ No error (4)
58. After rising the flag to (1)/ inaugurate the sports meet, the Chairman (2)/ gave a long speech. (3)/ No error (4)
59. He is (1)/ fatter (2)/ than me. (3)/ No error (4)
60. Every child in the class (1)/ are wearing (2)/ sandals today. (3)/ No error (4)

**Directions (61-70) :** In the following questions, 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 as your answer.

61. My father is very \_\_\_\_\_ to me, we play football every evening.  
(1) friendly  
(2) friends  
(3) friend-like  
(4) friendship
62. A technology - starved customer would only be \_\_\_\_\_ to be presented with a new product.  
(1) thriving  
(2) declarative  
(3) irritable (4) thrilled
63. Neither Shyam \_\_\_\_\_ Rohit came to the school today.  
(1) but (2) or  
(3) nor (4) and
64. He is getting married \_\_\_\_\_ Maya.  
(1) only (2) by  
(3) with (4) to

65. Medical doctors should try to \_\_\_\_\_ as many patients as possible.  
(1) heel (2) heal  
(3) kill (4) hale
66. Can you tell the difference \_\_\_\_\_ butter and Margarine.  
(1) over (2) with  
(3) between (4) among
67. I'm not very good \_\_\_\_\_ repairing things.  
(1) at (2) for  
(3) in (4) about
68. Will all of you \_\_\_\_\_ up for prayer?  
(1) raise (2) rise  
(3) raze (4) race
69. The art of cooking \_\_\_\_\_ in ancient India.  
(1) is perfected  
(2) will perfect  
(3) perfected  
(4) was perfected
70. A number of refugees \_\_\_\_\_ been turned back at the border.  
(1) are (2) has  
(3) is (4) have

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

71. FETCH  
(1) Order (2) Bring  
(3) Scoop (4) Take
72. Ecstasy  
(1) Economy (2) Eclipse  
(3) Joy  
(4) Extremism
73. Clandestine  
(1) Family (2) Useful  
(3) Dangerous (4) Secret

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

74. Stationary  
(1) Slowing (2) Standing  
(3) Moving (4) Writing

75. Aggressive  
 (1) Dull (2) Peaceful  
 (3) Doleful (4) Inactive
76. Doleful  
 (1) Mournful (2) Cheerful  
 (3) Deceitful (4) Beautiful

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

77. I expect my friends to stand by me.  
 (1) Energise (2) Support  
 (3) Accompany (4) Release
78. The music group broke up unceremoniously.  
 (1) went bankrupt  
 (2) broke each other's instruments  
 (3) disturbed the neighbourhood  
 (4) disbanded itself
79. She vaguely takes after her grandmother.  
 (1) constitutes (2) follows  
 (3) resembles (4) accepts

**Directions (80-84) :** In the following questions, a part of the sentence is underlined. Below are given alternatives to the underlined 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. Presently, she is busy composing the music for her next play.  
 (1) At the present  
 (2) In the present  
 (3) At present  
 (4) No improvement
81. Modern medicine promotes good health.  
 (1) means  
 (2) preaches about  
 (3) praises  
 (4) No improvement

82. Despite having many other opportunities, he went for Police Service.  
 (1) liked  
 (2) opted  
 (3) selected  
 (4) No improvement
83. I love him because he is a good man by heart.  
 (1) at heart  
 (2) of heart  
 (3) in heart  
 (4) No improvement

84. The editor gave me a time-line to finish the article.  
 (1) guideline  
 (2) deadline  
 (3) decline  
 (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. One whose motive is merely to get money  
 (1) businesslike  
 (2) mercenary  
 (3) polyglot  
 (4) fastidious
86. A man who is quite like a woman  
 (1) Feminine  
 (2) Feminist  
 (3) Effeminate  
 (4) Womanly
87. A co-worker in an office or institution  
 (1) companion (2) ally  
 (3) accomplice (4) colleague
88. To supply land with water by artificial means  
 (1) Irrigate  
 (2) Mitigate  
 (3) Watergate  
 (4) Postulate
89. A large burial ground  
 (1) mercenary  
 (2) emissary  
 (3) symmetry  
 (4) cemetery

**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) Acknowlege  
 (2) Acknoledge  
 (3) Aknowledge  
 (4) Acknowledge
91. (1) installation  
 (2) instalation  
 (3) insttallation  
 (4) installasion
92. (1) cirtificate  
 (2) certificate  
 (3) cartifikate  
 (4) certefecate
93. (1) addimittion  
 (2) admission  
 (3) admition  
 (4) admision
94. (1) occassionally  
 (2) ocassionally  
 (3) occasionally  
 (4) occasionaly
95. (1) successful  
 (2) sucessful  
 (3) succesful  
 (4) successfull

**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.

### PASSAGE

Developed in New Zealand in the 1990s, originally as a means of crossing water, zorbing involves rolling downhill in a large, PVC ball, and an activity which requires no more skill than that of a hamster running inside its wheel. The three-metre zorb has two skins, with the area between them inflated to provide effective cushioning and so prevent zorbonauts from hurting themselves as they hurtle along at speeds of up to 50 kilometres per hour. Zorbers are also harnessed inside the ball to stop them moving around. In 'Hydro-zorbing' however, you have to do away with the straps and slide around in a bucket or two of wa-

ter. This version can be enjoyed alone, or you can share the experience with up to two other people inside the same zorb. But don't be surprised if you get the odd bump or bruise!

96. Zorbing is:

- (1) a form of transport
- (2) a form of sport
- (3) a stunt act in a circus
- (4) an indoor game

97. The people who actively take up zorbing are called:

- (1) zorboes (2) zorbs
- (3) zorbingers (4) zorbers

98. The author implies that zorbing:

- (1) involves a lot of skills and a fair amount of risks.
- (2) requires a hamster to run inside the wheels.
- (3) was not at first intended as a land-based sport.
- (4) builds up team spirit.

99. Zorbing is fairly safe because:

- (1) there is adequate cushioning in the zorbs.
- (2) it does not require much skill.
- (3) the PVC balls are airtight.
- (4) it does not demand any speed.

100. Hydrozorbing is:

- (1) a form of zorbing in air.
- (2) a very violent form of zorbing.
- (3) a form of zorbing in or with water.
- (4) zorbing with a two-member team

## PART-IV

### GENERAL AWARENESS

101. Coal mines were Nationalised in the year :

- (1) 1970 (2) 1971
- (3) 1972 (4) 1976

102. The writer of the book "An Enquiry into the Nature and Causes of Wealth of Nations", is

- (1) David Ricardo
- (2) Smt. John Robinson
- (3) Adam Smith
- (4) Robins

103. Micro-economics is also called :

- (1) Income theory
- (2) Investment theory
- (3) Price theory
- (4) Expenditure theory

104. Demand in Economics means :

- (1) Aggregate demand
- (2) Market demand
- (3) Individual demand
- (4) Demand backed by purchasing power

105. A hammer in the hands of a house-wife is a \_\_\_\_\_ good.

- (1) consumer (2) capital
- (3) free
- (4) intermediary

106. Who was the author of 'India of My Dreams' ?

- (1) J.B. Kripalani
- (2) M.K. Gandhi
- (3) Gopal Krishna Gokhale
- (4) Jawaharlal Nehru

107. Indian Constitution is :

- (1) Federal
- (2) Quasi Federal
- (3) Unitary
- (4) Presidential

108. Gandhi's 'Dandi March' is associated with :

- (1) Khilafat Movement
- (2) Civil Disobedience Movement
- (3) Non-Cooperation Movement
- (4) Quit India Movement

109. What are the basic functions of Public Accounts Committee (PAC) ?

- (1) to examine the statement of accounts showing the income and expenditure of state corporations, trading and manufacturing schemes and projects.
- (2) to examine the accounts of stores and stocks.
- (3) to examine the statement of accounts of autonomous bodies
- (4) All the above

110. Who among the following is not a moderate ?

- (1) Pherozeshah Mehta
- (2) Surendranath Banerjee
- (3) Womesh Chandra Bonnerjee
- (4) Bal Gangadhar Tilak

111. Who was the author of the book 'Arthashastra' ?

- (1) Chandra Gupta
- (2) Megasthenes
- (3) Chanakya
- (4) Seleucus Nikator

112. Permanent Settlement of Bengal was done by British Governor General :

- (1) Lord Cornwallis
- (2) Lord Minto
- (3) Lord Wellesley
- (4) Lord Warren Hastings

113. Which inscription mentions about the village administration under the Cholas ?

- (1) Junagarh
- (2) Uttaramerur
- (3) Aihole
- (4) Nasik

114. The New Economic Policy was introduced by:

- (1) Lenin (2) Stalin
- (3) Kerensky
- (4) Khrushchev

115. Who gave the title of 'Sardar' to Vallabhbhai Patel ?

- (1) Rajaji (2) Gandhiji
- (3) Nehru
- (4) M.A. Jinnah

116. Japan's famous shipbuilding Industries are located at :  
 (1) Detroit (2) Pittsburgh  
 (3) Kobe (4) Las Vegas
117. Indira Point is the southern most tip of :  
 (1) Maldives  
 (2) Laccadives  
 (3) Andaman and Nicobar Islands  
 (4) Dhanushkodi
118. Chilka lake is located in :  
 (1) Orissa  
 (2) Bihar  
 (3) Rajasthan  
 (4) Maharashtra
119. Which one of the following is the origin of the Brahmaputra river ?  
 (1) Milam  
 (2) Gangotri  
 (3) Yamunotri  
 (4) Chemayungdung
120. Earthquakes are generally associated with :  
 (1) Joints (2) Faults  
 (3) Folds (4) Schistosity
121. Who discovered that Malaria was caused by female Anopheles ?  
 (1) Edward Jenner  
 (2) Louis Pasteur  
 (3) Robert Koch  
 (4) Ronald Ross
122. An eardrum is absent in :  
 (1) snakes (2) turtles  
 (3) tuatara (4) toads
123. Animals adapted to life in air are called :  
 (1) fossorial (2) arboreal  
 (3) cursorial (4) volant
124. Bryophytes are often called as amphibian plant because they :  
 (1) appear like frog  
 (2) are found both in water and on land  
 (3) do not have habitat preference  
 (4) can eat insects
125. The smallest size of a cell that can be seen with naked eye is:  
 (1) 1 micron (2) 10 micron  
 (3) 100 micron  
 (4) 1000 micron
126. A light ray travelling from denser to rarer medium at an angle of incidence more than critical angle of concerned media pair suffers.  
 (1) reflection  
 (2) refraction  
 (3) diffraction  
 (4) total internal reflection
127. The characteristic invalid for heat radiation is that it travels :  
 (1) in a straight line  
 (2) in all directions  
 (3) with the speed of light  
 (4) heating the medium through which it passes
128. The method of magnetisation is :  
 (1) hammering a magnet  
 (2) heating a magnet  
 (3) passing direct current through it  
 (4) passing alternating current through it
129. Water is not suitable as a calorimetric substance because it :  
 (1) has high specific heat  
 (2) is a good conductor  
 (3) has high boiling point  
 (4) low latent heat of vapourization
130. In Windows, Icons such as Add/Remove programs, Add New Hardware, Modems etc.; are found in :  
 (1) Task Bar  
 (2) Control Panel  
 (3) Network Neighbourhood  
 (4) My Computer
131. DVD is :  
 (1) Dynamic Video Disk  
 (2) Digital Video Disk  
 (3) Dynamic Versatile Disk  
 (4) Digilal Versatile Disk
132. Find the odd man out :  
 (1) Internet Explorer  
 (2) Netscape  
 (3) Mozilla  
 (4) Excel
133. Benzene cannot undergo :  
 (1) Substitution  
 (2) Addition  
 (3) Elimination  
 (4) Oxidation
134. Which among the following is found in chlorophyll ?  
 (1)  $\text{Ca}^{2+}$  (2)  $\text{Mg}^{2+}$   
 (3)  $\text{Fe}^{2+}$  (4)  $\text{Al}^{3+}$
135. The polymer obtained by the condensation of hexamethylene diamine and adipic acid is :  
 (1) Nylon 66 (2) Terylene  
 (3) Tollen's (4) Bakelite
136. Radioactive elements emit :  
 (1) Radiowaves  
 (2) Infrared waves  
 (3) Ultraviolet waves  
 (4)  $\alpha$ ,  $\beta$  and  $\gamma$  radiations
137. The Ganga Action Plan was directed by :  
 (1) Rajiv Gandhi  
 (2) Atal Bihari Vajpayee  
 (3) Manmohan Singh  
 (4) Indira Gandhi
138. Which of the following is an anti oxidant ?  
 (1) Vitamin-C  
 (2) Vitamin-K  
 (3) Vitamin-B  
 (4) Vitamin-D
139. The red, orange and yellow colours of leaf is due to :  
 (1) Aldehydes  
 (2) Tannis  
 (3) Lignins  
 (4) Carotenoid
140. Crude oil is sometimes termed sweet because it is :  
 (1) sweet in taste due to dissolved sugars  
 (2) mildly sweet due to low sulphur content  
 (3) less acidic  
 (4) less alkaline

141. Which of the following Government of India programmes aims to help, build or upgrade dwelling units of below the poverty line rural families ?  
(1) National Social Assistance Programme  
(2) Jawahar Rozgar Yojana  
(3) Indira Awaas Yojana  
(4) Jawaharlal Nehru National Urban Renewal Mission
142. Who is the author of the book 'A Soldier's General' ?  
(1) General V.K. Singh  
(2) General J.J. Singh  
(3) Admiral Nirmal Kumar Verma  
(4) Air Chief Marshal A.K. Browne
143. Which part of India was included in World Heritage list by UNESCO on July 1, 2012 ?  
(1) Western Ghats  
(2) Eastern Ghats  
(3) Konkan Railways  
(4) Manas Wildlife Sanctuary
144. Shiv Kumar Sharma is famous for playing :  
(1) Santoor (2) Sitar  
(3) Sarod (4) Flute
145. Name the player who recently became the fastest player to achieve the landmark of 3000 international runs in one day cricket.  
(1) Hashim Amla  
(2) Virat Kohli  
(3) Ricky Ponting  
(4) Virendra Sehwag
146. The 16 year old school boy, Arjun Vajpayee became the youngest Indian to successfully climb the Mount Everest on May 22, 2010 is from which State ?  
(1) Uttar Pradesh  
(2) Madhya Pradesh  
(3) N.C.T. of Delhi  
(4) Uttarakhand
147. Who was the recipient of the Dada Saheb Phalke Award for the year 2010 ?  
(1) A.R. Rahman  
(2) Javed Akhtar  
(3) K. Balachandar  
(4) V.K. Murthy
148. Who among the following, propounded the theory of zero ?  
(1) Charak  
(2) Chanakya  
(3) Aryabhata  
(4) Varahamihira
149. Hasan Ali, who has been arrested recently is  
(1) Stud farm owner  
(2) Politician  
(3) Hard core criminal  
(4) Film producer
150. The responsibility of preparation of electoral roll in India rests with the :  
(1) Parliament  
(2) Local Administration  
(3) Election Commission  
(4) Returning Officer