

## Part - I (General Intelligence & Reasoning)

**Direction: In questions no. 1 to 3, select the related letters/word/number from the given alternative**

1. Louisiana : France : ? : Russia  
(A) India (B) Greenland  
(C) Alaska (D) Moscow
  2. Desert : Oasis :: Ocean : ?  
(A) Forest (B) River  
(C) Island (D) Hill
  3. EV : DW :: CX : ?  
(A) FA (B) EY  
(C) AY (D) BZ
  4. OVAL is related to CIRCLE. In the same way RECTANGLE is related to:  
(A) Pentagon (B) Triangle  
(C) Periphery (D) Square
  5. If  $5 @ 6 = 61$  and  $8 @ 10 = 164$ , then  $7 @ 9 = ?$   
(A) 32 (B) 63  
(C) 130 (D) 125
  6. How many 4's are there preceded by 7 but not followed by 3?  
5 9 3 2 1 7 4 2 6 9 7 4 6 1 3 2 8 7 4 1 3 8 3 2  
5 6 7 4 3 9 5 8 2 0 1 8 7 4 6 3  
(A) six (B) four  
(C) five (D) three
  7. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group?  
(A) Cardamom (B) Cinnamon  
(C) Apricot (D) Clove
  8. Which one of the following does not belong to the group?  
(A) butter (B) oil  
(C) cheese (D) curd
  9. Arrange the given words in a meaningful logical order:  
1. Income 2. Status  
3. Education 4. Wellbeing  
5. Job  
(A) 3, 5, 1, 2, 4 (B) 1, 3, 2, 5, 4  
(C) 1, 2, 5, 3, 4 (D) 3, 1, 5, 2, 4
  10. Arrange the words given below in a meaningful sequence  
1. Word 2. Paragraph  
3. Sentence 4. Letters  
5. Phrase  
(A) 4, 1, 5, 3, 2 (B) 4, 1, 3, 5, 2  
(C) 4, 2, 5, 1, 3 (D) 4, 1, 5, 2, 3
  11. In the following question, choose the number which is different from others in the group.  
(A) 903 (B) 552  
(C) 729 (D) 381
  12. In the following question, choose the group of letters which is different from others.  
(A) SENO (B) MLAG  
(C) XUBU (D) CZHK
  13. What should be the next number in the series:  
1, 3, 6, 10, 15, \_\_\_\_  
(A) 23 (B) 21  
(C) 22 (D) 20
  14. Which figure will come at the blank in the series:  
V, VII, XI, XIV, \_\_, XXI  
(A) XVII (B) XXIII  
(C) XV (D) IX
  15. In the given letter series, some of the letters are missing which are given in that order as one of the alternatives. Choose the correct alternative. Series:  
gfe\_ig\_eii\_fei\_gf\_ii  
(A) ifige (B) eifgi  
(C) figie (D) ifgie
- Directions (16 to 17) : In each of the following questions, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank space.**
16. 3, 7, 15, 31, 63, .....  
(A) 131 (B) 115  
(C) 127 (D) 92
  17. 2, 15, 41, 80, .....  
(A) 132 (B) 120  
(C) 121 (D) 111

18. Fill in the place of @, \$, # and \*, in the alphabetical series given below:

A	C	F	@
L	N	\$	I
J	#	M	K
*	E	D	B

- (A) HOPG (B) GPOH  
(C) NAHG (D) BMOG

**Directions : In Question Nos. 19 to 21, Select the one which is different from the other three:**

19. (A) Fortnight (B) Month  
(C) Week (D) Session  
20. (A) 117 (B) 61  
(C) 97 (D) 13  
21. (A) Botany (B) Chemistry  
(C) Geography (D) Physics  
22. If  $a + b > c + d$  and  $b + c > a + d$  then it is definite that :-  
(A)  $b > c$  (B)  $b > d$   
(C)  $c > d$  (D)  $a > d$   
23. Select a suitable figure from the four alternatives that would complete the figure matrix.

		?

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

- (A) 4 (B) 2  
(C) 3 (D) 1  
24. If  $\times$  stands for addition,  $\div$  stands for subtraction,  $+$  stands for multiplication and  $-$  stands for division, then  $20 \times 8 \div 8 - 4 + 2$  is equal to :  
(A) 5 (B) 25  
(C) 24 (D) 80  
25. If  $\perp$  stands for  $\times$ ,  $\times$  stands for  $+$ ,  $+$  stands for  $\div$  and  $\div$  stands for  $-$ , then what is the value of  $9 \div 18 \times 15 + 3 - 6 \times 12$  ?  
(A) 42 (B) 30  
(C) 33 (D) 24

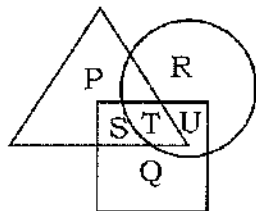
26. Introducing a man, a woman said that he is the only son of my mother's mother. How is woman related to the man?

- (A) Aunt (B) Cousin  
(C) Niece (D) grandmother  
27. X introduces Y saying, "He is the husband of the granddaughter of the father of my father". How is Y related of X?  
(A) Nephew  
(B) Son  
(C) Brother-in-law  
(D) Brother  
28. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?  
(A) Son-in-law (B) Nephew  
(C) Uncle (D) Brother  
29. If in a certain language, CARROM is coded as BZQQNL, which word will be coded as HOUSE?  
(A) GPTID (B) GNTRD  
(C) INVRF (D) IPVTF  
30. In a certain code, GIGANTIC is written as GIGTANCI. How MIRACLES is written in the same code?  
(A) MIRCLESA (B) MIRLACSE  
(C) MIRSELCA (D) MIRLACES  
31. In a certain language, QUEUE is written as Q 22 and CHURCH is written as 1 UR 1. How BANANA is written in the same language?  
(A) B55 (B) B53535  
(C) B545S (D) B5A5A  
**Directions : In Question Nos. 32 to 34, In the following questions, you are given addresses, Please choose the address options that does not match the given question.**  
32. E-mail: jahagirpati\_modinagar@  
mrinmayi.com. Phone: 9199654867  
(A) E-mail: jahagirpati\_modinagar@  
mrinmayi.com. Phone: 9199654867  
(B) E-mail: jahagirpati\_modinagar@  
mirinmayi.com. Phone: 9199654867  
(C) E-mail: jahagirpati\_modinagar@  
mrinmayi.com. Phone: 9199654867  
(D) E-mail: jahagirpati\_modinagar@  
mrinmayi.com. Phone: 9199654867

33. Sri Niwas Singh, 521/C, Rly Colony, Fazalganj, Kanpur -208012  
 (A) Sri Niwas Singh, 521/C, Rly Colony, Fazalganj, Kanpur -208012  
 (B) Sri Niwas Singh, 521/C, Rly Colony, Fazalganj, Kanpur -208012  
 (C) Sri Niwas Singh, 521/C, Rly Colony, Fazalganj, Kanpur -208012  
 (D) Sri Niwas Singh, 521/C, Rly Colony, Fazalganj, Kanpur -208012

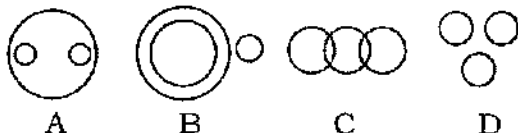
34. Bodinayakkanur, 2<sup>nd</sup> April, 1986  
 (A) Bodinayakkanur, 2<sup>nd</sup> April, 1986  
 (B) Bodinayakkanur, 2<sup>nd</sup> April, 1986  
 (C) Bodinayakkanur, 2<sup>nd</sup> April, 1986  
 (D) Bodinayakkanur, 2<sup>nd</sup> April, 1986

35. In the figure below, square represents doctors, triangle represents ladies and circle represents surgeon. By which letter the ladies who are both doctor and surgeon represented?



- (A) S + T (B) U  
 (C) S (D) T

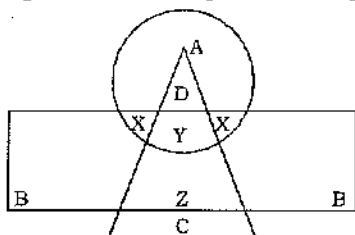
36. In the following question, choose the Venn diagram, which best illustrates the three given classes



Truck, goods, ship

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

37. In the following diagram, the circle represents College Professors, the triangle stands for Surgical Specialists, and Medical Specialist are represented by the rectangle.



Surgical specialists who are also Medical Specialists but not Professors are represented by :

- (A) Y (B) Z  
 (C) X (D) B

38. Which of the following is the best statements for achieving success in life?

- (A) The person should be honest  
 (B) The person should be rich and prosperous  
 (C) The person should be sincere and hardworking  
 (D) There person should be intelligent

39. Children like to read comics because :

- (A) It contains amusing pictures  
 (B) It is the cheapest means of recreation  
 (C) It makes children laugh  
 (D) It teach moral

40. Which one is always associated with the justice?

- (A) Diminutiveness  
 (B) Magnanimity  
 (C) Legitimate  
 (D) Hypocrisy

41. If the day after tomorrow is Friday, what day was it day before yesterday?

- (A) Wednesday (B) Tuesday  
 (C) Sunday (D) Monday

42. Ten friends shake hands with one another. Find the total number of hand shakes.

- (A) 9 (B) 45  
 (C) 10 (D) 20

43. Most children living in slums have poor health. So Bindu and Chhoti who live in slums cannot be healthy. This conclusion is:

- (A) Definitely true  
 (B) Definitely false  
 (C) May be true, may be false  
 (D) None of the above is correct

44. In a lake there are 10 steps labelled as A to J. Starting from step A, every minute a frog jumps to the 4<sup>th</sup> step. Where would the frog be at the 60<sup>th</sup> minute?

- (A) B (B) H  
 (C) D (D) A

45. In a family there are several brother and sisters. Every 2 boys have as many brothers as sister and each 2 girls has 2 brothers less than the twice as many as brothers and sisters. Find the number of boys and girls.

- (A) Boys - 8, Girls - 6  
 (B) Boys - 6, Girls - 8  
 (C) Boys - 8, Girls - 8  
 (D) Boys - 6, Girls - 10

46. Rohan ranks 7<sup>th</sup> from the top and 26<sup>th</sup> from the bottom in the class. How many students are there in the class?

- (A) 34 (B) 32  
 (C) 33 (D) 31

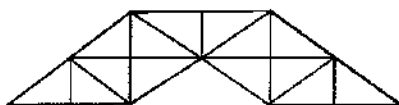
47. If 'a' means '+', 'b' means 'x', c means '+', 'd' means '-', then find the value of the expression-  $72 a 9 b 12 a 18 c 25 d 13 b 16 c 32$  ?

(A)  $-437/3$  (B)  $-438/5$   
(C)  $-439/9$  (D)  $-632/7$

48. Which of the following words cannot be made from the letter of the word "REASONABLE" ?

(A) ARSON (B) BONES  
(C) NOBLE (D) BRAIN

49. How many triangles are there in the given figure?



(A) 27 (B) 23  
(C) 29 (D) 31

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 00, 14, etc., and M can be represented by 55, 67, etc. Similarly, you have to identify the set for the word RUDE.

MATRIX - I

	0	1	2	3	4
0	B	D	E	T	O
1	D	E	T	O	B
2	E	B	O	D	T
3	T	O	B	E	D
4	O	T	E	B	E

MATRIX - II

	5	6	7	8	9
5	M	U	I	L	R
6	U	L	M	R	I
7	I	M	R	U	L
8	R	I	L	M	U
9	K	L	M	I	J

(A) 56, 65, 10, 33 (B) 59, 99, 34, 11  
(C) 77, 56, 02, 01 (D) 95, 87, 42, 12

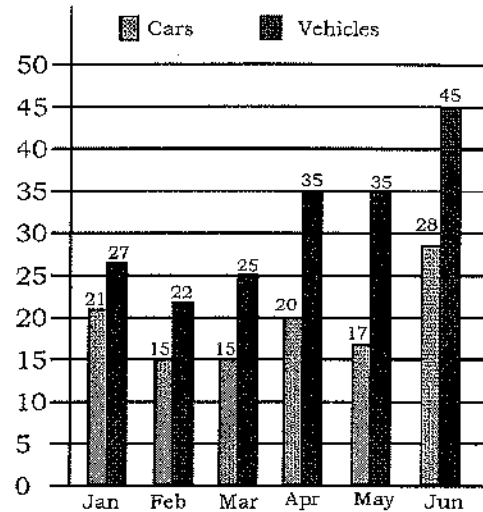
## Part - II (Quantitative Aptitude)

51. X sells a TV to Y at the gain of 10% and again Y sells it to Z at a loss of 10%. If Z pays ₹ 9900 to Y, then the cost price of the TV for X is :-  
 (A) ₹ 9900 (B) ₹ 10000  
 (C) ₹ 11000 (D) None of these
52. A sum of money becomes ₹ 13,380 after 3 years and ₹ 20,070 after 6 years on compound interest. The sum is :-  
 (A) ₹ 9040 (B) ₹ 8890  
 (C) ₹ 8920 (D) ₹ 8800
53. ₹ 7500 is borrowed at compound interest at the rate of 2% for the first year, 4% for the second year and 5% for the third year. The amount paid after 3 years will be :-  
 (A) ₹ 8432 (B) ₹ 8520.20  
 (C) ₹ 8235 (D) ₹ 8353.80
54. The compound interest on ₹ 2800 for  $1\frac{1}{2}$  years at 10% per annum is :-  
 (A) ₹ 420 (B) ₹ 436.75  
 (C) ₹ 434 (D) ₹ 441.35
55. The difference between simple and compound interest (compounded annually) on a sum of money for 2 years at 10% per annum is ₹ 65. The sum is :-  
 (A) ₹ 65650 (B) ₹ 6565  
 (C) ₹ 65065 (D) ₹ 6500
56. Ankit invested ₹ 1500 in two different banks for two years. In the first bank he invested at 5% and in second bank at 6%. He got ₹ 160 as interest. The amounts given at 5% and 6% per annum simple interest are respectively:-  
 (A) ₹ 950 and ₹ 550 (B) ₹ 1000 and ₹ 500  
 (C) ₹ 900 and ₹ 600 (D) ₹ 800 and ₹ 700
57. The radii of the internal and external surfaces of a metallic spherical shell are 4 cm and 5 cm respectively. It is mixed and recast into a solid right circular cylinder of height  $12\frac{1}{3}$  cm. Then the diameter of the base of the cylinder will be :-  
 (A) 6 cm (B) 4 cm  
 (C) 3 cm (D) None of these
58. The circumference of a circle is equal to the sum of the perimeters of an equilateral triangle of side 12 cm and that of a square of diagonal  $2\sqrt{2}$  cm. Find the area of the circle in  $\text{cm}^2$ .  
 (A) 44 (B) 144  
 (C) 154 (D) None of these
59. The sum of radius of the base of a solid cylinder and the height of the cylinder is 15 cm. If the total surface area of the cylinder is  $660 \text{ cm}^2$ , then find the volume of the cylinder.  
 (A)  $1232 \text{ cm}^3$  (B)  $1256 \text{ cm}^3$   
 (C)  $1296 \text{ cm}^3$  (D) None of these
60. The length and breadth of a rectangle are in the ratio 5 : 3. If area of the rectangle is  $60 \text{ cm}^2$ , find its length.  
 (A) 10 cm (B) 5 cm  
 (C) 6 cm (D) 2 cm
61. How many spheres of diameter 2 cm can be made by melting one sphere of radius 4 cm ?  
 (A) 128 (B) 32  
 (C) 64 (D) 16
62. X, Y and Z can do a work in 15 days, 10 days and 30 days respectively. X is helped by Y and Z every third day. In how many days will the work be completed :-  
 (A) 6 days (B) 7 days  
 (C) 9 days (D) None of these
63. A group of 18 men and 12 women can do a piece of work in 18 days. A woman takes twice as much time as a man to do the work. How many days will 8 men take to finish the same work ?  
 (A) 48 (B) 45  
 (C) 50 (D) 54
64. Two trains start at the same time from Aligarh and Delhi and proceed towards each other at 36 kmph and 42 kmph respectively, when they meet, it is found that one train has travelled 48 km more than the other. The distance between the two stations (in km) is :-  
 (A) 624 (B) 544  
 (C) 460 (D) 636
65. A 250 metre long train is running at the average speed of 90 km/hr. How long will it take to pass a standing man ?  
 (A) 20 seconds (B) 10 seconds  
 (C) 12.5 seconds (D) 8 seconds
66. Two trains of length of 250 metres and 200 metres are running in the same direction. If the trains cross each other in 45 seconds and the speed of the first train is 27 km/hr, find the speed of the second train.  
 (A) 72 km/hr (B) 54 km/hr  
 (C) 63 km/hr (D) 36 km/hr
67. The average marks of 28 students in Mathematics was 50. Eight left the school and thus the average increased by 5. What is the average marks obtained by the students who left the school ?  
 (A) 50.5 (B) 42.5  
 (C) 45 (D) 37.5

68. A man drives to his office at 60 kmph and returns home along the same route at 30 kmph. Find the average speed.  
(A) 55 kmph (B) 45 kmph  
(C) 40 kmph (D) 5 kmph
69. If  $\left(x - \frac{1}{x}\right) = \sqrt{21}$ , then the value of  $\left(x^2 + \frac{1}{x^2}\right)\left(x + \frac{1}{x}\right)$  will be :-  
(A) 118 (B) 115  
(C) 119 (D) 120
70. Find the value of  $\sqrt{\left(10 + \sqrt{25 + \sqrt{121}}\right)}$  :-  
(A) 156 (B) 16  
(C) 46 (D) 4
71. If  $\alpha, \beta$  are the roots of  $x^2 + px + 12 = 0$  and  $\alpha - \beta = 1$ , then :-  
(A)  $p = \pm 3$  (B)  $p = \pm 5$   
(C)  $p = \pm 7$  (D) None of these
72. The HCF of  $(x^3 + 3x^2 - x - 3)$  and  $(x^3 + 4x^2 + x - 6)$  is :-  
(A)  $(x^2 + 2x - 3)$  (B)  $(x + 3)$   
(C)  $(x + 2)$  (D)  $(x - 1)$
73. Find the value of  $(x^3 + y^3 + z^3 - 3xyz)$ , if  $x + y + z = 12$  and  $x^2 + y^2 + z^2 = 62$   
(A) 372 (B) 252  
(C) 256 (D) 144
74. If  $x - \frac{1}{x} = 5$ , find the value of  $x^2 + \frac{1}{x^2}$   
(A) 32 (B) 27  
(C) 30 (D) 25
75. The following linear equations  $3x + 4y = 15$  and  $15x + 20y = 75$  have :-  
(A) infinite solution (B) unique solution  
(C) finite solution (D) no solution
76. If the ratio of two numbers is 2 : 1 and their product is 1800, then the greater number is:  
(A) 120 (B) 60  
(C) 90 (D) 30
77. When a number is divided by another number, the remainder is 23. When twice of this number is divided by the same divisor the remainder is 11. The divisor is :  
(A) 36 (B) 35  
(C) 34 (D) 20
78. On dividing a number by 13, we get 1 as remainder. If the quotient is divided by 5, we get 3 as a remainder. If this number is divided by 65, what will be the remainder?  
(A) 40 (B) 18  
(C) 28 (D) 16
79. Find three rational numbers between 2.5 and 3.  
(A) 2.65, 2.701001071..., 2.75  
(B) 2.8, 0, 2.75  
(C) 2.625, 2.75, 2.875  
(D) None of these.
80. Value of  $\sqrt[4]{(81)^{-2}}$  is:  
(A)  $1/81$  (B)  $1/3$   
(C)  $1/9$  (D) 9
81.  $2\sqrt{3} - \sqrt{3} - 3\sqrt{3} + \sqrt{12}$  is equal to:  
(A) 1 (B)  $5\sqrt{3}$   
(C)  $6\sqrt{3}$  (D) 0
82. A man walked diagonally across a rectangular field whose length and width are 4 m and 3 m respectively. What percent of the distance is saved by not walking along the edges?  
(A) 27.6% (B) 28.57%  
(C) 28.4% (D) 33.4%
83. In an examination 40% students failed in Mathematics and 30% failed in English, while 20% failed in Mathematics and English both. What percentage of the students passed in both?  
(A) 48% (B) 50%  
(C) 70% (D) None of these
84. A 15 litre mixture of alcohol and water contains 20% alcohol and rest water. If 3 litres of water is added in it, then percentage of alcohol in the new mixture will be:  
(A) 33.33% (B) 20%  
(C) 25% (D) 16.67%
85. The length of a rectangle is increased by 60%. By what percentage would the width have to be decreased to maintain the same area?  
(A)  $66\frac{2}{3}\%$  (B) 60%  
(C) 75% (D)  $37\frac{1}{2}\%$
86. Due to an increase of 15% in the price of milk, a family reduces its consumption of milk by 15%. What is the effect in the expenditure of the family on account of milk?  
(A) 3.5% decrease (B) 2.25% decrease  
(C) 3% decrease (D) 2.50 % increase

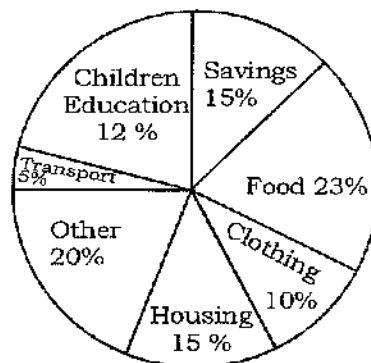
87. The number of boys and girls in the college are in ratio 3 : 2. If 20% of the boys and 25% of the girls are adults, then the percentage of the students who are minor is:  
 (A) 82.5% (B) 67.5%  
 (C) 76% (D) 78%
88. Monthly income of two persons are in the ratio 5 : 4 and their expenditures are in the ratio 9 : 7. If each saves ₹ 500 per month, then what are their monthly incomes:  
 (A) ₹ 4500, ₹ 3600  
 (B) ₹ 3500, ₹ 2800  
 (C) ₹ 4000, ₹ 3200  
 (D) ₹ 5000, ₹ 4000
89. The ratio between two numbers is 5 : 3 and difference between their squares is 144. Find the numbers  
 (A) 20, 12 (B) 10, 6  
 (C) 15, 9 (D) 5, 3
90. A mixture contains milk and water in the ratio of 7 : 2. On adding 6 litres of water, the ratio of milk and water becomes 7 : 5. Then quantity of water in the final mixture will be:  
 (A) 10 litres (B) 4 litres  
 (C) 12 litres (D) None of the above
91. If  $(a+b) : (b+c) : (c+a) = 6 : 7 : 8$  and  $a + b + c = 14$ , then  $c = ?$   
 (A) 14 (B) 7  
 (C) 8 (D) 6
92. If the total profit is 26% of selling price. Then what percent of selling price is equal to the 34% of the purchasing price?  
 (A) 24.76% (B) 25.16%  
 (C) 20.36% (D) 17.16%
93. Priya purchased two mixers for ₹ 1500 and made a profit of 9% on one and loss of 6% on the other. But overall there is no profit or loss, then the cost price of mixers are in the ratio:  
 (A) 3 : 5 (B) 2 : 3  
 (C) 5 : 3 (D) 3 : 2
94. A shopkeeper allows two successive discounts on an article whose marked price is Rs. 150 and selling price is Rs. 105. What is the first discount if second discount is 12.5%?  
 (A) 25% (B) 17.5%  
 (C) 20% (D) 16.67%
95. An article is sold at 10% loss. Had it been sold for ₹ 30 more, the loss would have been 5% only. What is the cost price of the article?  
 (A) ₹ 600 (B) ₹ 300  
 (C) ₹ 500 (D) ₹ 200

**Directions (Q 96-97): The following bar diagram shows the registration of cars and total vehicles (in thousand) during first six months of the year 2013 in Delhi.**



96. What was the increase in registration of vehicles other than cars from Jan to April 2013?  
 (A) 9000 (B) 10000  
 (C) 15000 (D) 5000
97. What was the percentage of increase in registration of cars from May to June 2013?  
 (A) 11% (B) 39.28%  
 (C) 64.7% (D) None of these

**Directions (Q. 98-100): The following table shows the spending of a family on various items and its savings during year:-**



98. If the total income of the family was ₹ 75000, then the expenditure on Children Education was :-  
 (A) ₹ 750 (B) ₹ 900  
 (C) ₹ 7500 (D) ₹ 9000
99. Out of the total income of ₹ 75000, the difference in the expenses on Housing and Transport was :  
 (A) ₹ 6350 (B) ₹ 7500  
 (C) ₹ 8200 (D) ₹ 8500
100. The expenditure on Food was more than that on clothing by:-  
 (A) ₹ 7350 (B) ₹ 6750  
 (C) ₹ 9750 (D) ₹ 8250

### Part - III (General Awareness)

101. Who is the Chairman of Indian Planning Commission ?  
 (A) Dr. Manmohan Singh  
 (B) Dr. Motnek Singh Ahluwalia  
 (C) Prof D.P. Agrawal  
 (D) P.Chidambaram
102. Who among the following hold talks in Munich, Germany to improve their ties on February, 2013 ?  
 (A) Russia's Foreign Minister Mr. Sergai Lavrov and U.S Secretary of State Mr. John Kerry  
 (B) Russia's Foreign Minister Mr. Sergai Lavrov and U.S President Mr. Barack Obama  
 (C) Russia's President Vladimir Putin and US Vice President Mr. Joe Biden  
 (D) Russia's Foreign Minister Mr. Sergai Lavrov and US Vice President Mr. Joe Biden
103. The International Renewable Energy Agency launched the World's first atlas on clean energy on :-  
 (A) June 13, 2013 (B) March 13, 2013  
 (C) May 13, 2013 (D) January 13, 2013
104. The Staff Selection Commission Combined Graduate Level Examination 2013 shall be conducted in :-  
 (A) 3 tier mode consisting three written examination  
 (B) 3 tier mode consisting two written examination  
 (C) 3 tier mode consisting one written examination  
 (D) 2 tier mode consisting one written examination
105. Just before being appointed as the new LG of Delhi, what assignment did Najeeb Jung had ?  
 (A) joint Secretary in Oil Ministry  
 (B) Head, Oxford Institute of Energy Studies  
 (C) Vice Chancellor, Jamia Millia Islamia  
 (D) Advisor to Asian Development Bank
106. Ashoka invasion of Kalinga resulted in:-  
 (A) Victory to the policy of wars and territorial conquests  
 (B) Development of peace and non-violence as state policy  
 (C) Wealth and prosperity of Maurya Empire  
 (D) Peaceful relations with Kalinga
107. Which of the following rulers belonged to the slave dynasty ?  
 (A) Akbar (B) Ahmad Shah Abdali  
 (C) Iltutmish (D) Humayun
108. The title of 'Viceroy' was added to the office for the first time in:-  
 (A) 1858 (B) 1856  
 (C) 1892 (D) 1828
109. The local ruler whom Vasco Da Gama met on his arrival at Calicut in May 1498 is:-  
 (A) Siraj (B) Zamorin  
 (C) Rajendran Nayar (D) Bhagwanlal
110. Which is the first state in India where Panchayat Raj System was implemented ?  
 (A) Maharashtra (B) Rajasthan  
 (C) Andhra Pradesh (D) Tamil Nadu
111. Name the Indian Chess player who has broken the World Record by finishing the game in first twelve move :-  
 (A) Vishwanathan Anand  
 (B) Shakuntala Devi  
 (C) Pravin Thipsey  
 (D) Champa Bose
112. Which of the following is a pair name of the same game ?  
 (A) Volley ball - Squash (B) Golf - Polo  
 (C) Billiard - Carrom (D) Soccer - Football
113. What is the full form of ICC ?  
 (A) Indian Cricket Council  
 (B) Indian Cricket Club  
 (C) International Cricket Council  
 (D) International Cricket Club
114. The term Butterfly stroke is associated with:-  
 (A) Pole Vault (B) Golf  
 (C) Swimming (D) Kabaddi
115. India first took part in Olympic games in the year:-  
 (A) 1960 (B) 1928  
 (C) 1972 (D) 1920
116. Who among the following has received "Bharat Ratna" as well as the "Nishan-e-Pakistan" - the highest civilian awards of the two countries?  
 (A) Morarji Bhai Desai  
 (B) Gen. Ayub Khan  
 (C) Maulana Abdul Kalam Azad  
 (D) Mahatma Gandhi
117. Magsaysay award is given for special contribution in the field of :-  
 (A) Social Science  
 (B) Public Service, Community Leadership  
 (C) Science (D) Literature
118. The first Rajiv Gandhi National Sadbhawana Award was given to :-  
 (A) Mother Teresa (B) Ranganathan Mishra  
 (C) J.R.D Tata (D) Acharya Tulsi



119. Who is the winner of prestigious Jnanpith Award for the year 2012 ?  
 (A) Pratibha Ray (Odia)  
 (B) Dr. Ravuri Bharadwaja (Telugu)  
 (C) Shrilal Shukla (Hindi)  
 (D) Amar Kant (Hindi)
120. Who is ranked the world's most powerful women by Forbes for 2013 ?  
 (A) Dilma Rousseff (B) Indira Nooyi  
 (C) Angela Merkel (D) Sonia Gandhi
121. The Indian National Calendar is based on :-  
 (A) Hizri Era (B) Saka Era  
 (C) Vikram Era (D) Christian Era
122. Dandia is popular dance of :-  
 (A) Karnataka (B) Uttar Pradesh  
 (C) Gujarat (D) Rajasthan
123. Kalchakra ceremony is associated with :  
 (A) Din-e-ilahi (B) Jainism  
 (C) Sikhism (D) Buddhism
124. Which among the following is not a classical Indian dance?  
 (A) Bharatanatyam (B) Odissi  
 (C) Manipuri (D) Ras leela
125. The most ancient musical instrument among the following is:  
 (A) Tabla (B) Veena  
 (C) Sarod (D) Sitar
126. Mr. Barack Obama took the official oath for his second term as US President on:  
 (A) May 20, 2013 which is administered by US Chief Justice Warren E. Burger  
 (B) January 20, 2013 which is administered by US Chief Justice William Rehnquist  
 (C) January 20, 2013 which is administered by US Chief Justice John Roberts  
 (D) May 20, 2013 which is administered by US Chief Justice John Roberts.
127. For how many years of prison was announced by the US court to Pakistani-American David Coleman Headley for Masterminding Mumbai terror?  
 (A) 35 years in prison  
 (B) 55 years in prison  
 (C) 45 years in prison  
 (D) 65 years in prison
128. To which political party of Egypt did Mohammad Morsi, the ousted president belong to?  
 (A) Liberal Democratic Party  
 (B) Christian Party  
 (C) Muslim Brotherhood Party  
 (D) None of the above
129. The Teesta Treaty has become a bone of contention between India and  
 (A) Nepal (B) Pakistan  
 (C) Bangladesh (D) China
130. Who is China's First Woman Astronaut?  
 (A) Li Xei (B) Liu Yang  
 (C) Yang Xei (D) None of the above
131. The national income is based on the:  
 (A) total revenue of the state  
 (B) total value of goods and services  
 (C) net profit earned and expenditure made by the state  
 (D) None of the above
132. Which of the following is an indirect tax?  
 (A) Capital gain tax  
 (B) Wealth tax  
 (C) Excise duty  
 (D) Corporation tax
133. During 2012, the estimated foreign tourists arrival in India is :  
 (A) 116.48 lakhs (B) 76.48 lakhs  
 (C) 66.48 lakhs (D) 96.48 lakhs
134. The product method of measuring GDP involves:  
 (A) market value of goods and services  
 (B) adding up the value of everything produced in the country  
 (C) adding up all expenditures on final output  
 (D) None of the above.
135. India is a:  
 (A) well developed economy  
 (B) underdeveloped economy  
 (C) developed economy  
 (D) low income developing economy
136. Tides are caused by the gravitational pull of:  
 (A) Earth on moon  
 (B) Sun and moon on earth  
 (C) Moon on earth  
 (D) None of the above
137. A colour blind person has difficulty in distinguishing which of the following colours:  
 (A) Green and Violet  
 (B) Green and Red  
 (C) White and Yellow  
 (D) Black and Blue
138. Which fundamental particle of atom has negative charge?  
 (A) Electron (B) Neutron  
 (C) Positron (D) Proton
139. Which of the following is used as moderator in a nuclear reactor?  
 (A) Plutonium (B) Water  
 (C) Graphite (D) Thorium
140. A device which is used in our TV set, Computer, Radio set for storing the electric charge is:  
 (A) conductor (B) inductor  
 (C) capacitor (D) resistor

141. Which of the following districts have been recently included in the National Capital region (NCR) ?  
 (i) Mathura - Vrindavan  
 (ii) Bhiwani  
 (iii) Mahendragarh  
 (iv) Jind  
 (v) Bharatpur  
 (A) i, iii, v (B) ii, iii, iv  
 (C) ii, iii, v (D) i, ii, iii
142. The percentage of earth surface covered by India is:  
 (A) 2.4 (B) 5.4  
 (C) 3.4 (D) 6.4
143. In which of the following water bodies are Lakshadweep islands situated?  
 (A) Atlantic Ocean (B) Bay of Bengal  
 (C) Indian Ocean (D) Arabian Sea
144. Duncan Passage is located between:  
 (A) Middle and South Andaman  
 (B) Little and Great Nicobar  
 (C) North and Middle Andaman  
 (D) South and Little Andaman
145. Surface water resources are highest in:  
 (A) Indus Plains  
 (B) North Eastern Indian  
 (C) Peninsular India  
 (D) Ganga plains
146. Who among the following is known as the father of Indian Constitution?  
 (A) Patel (B) Gandhi Ji  
 (C) Nehru (D) Dr. B. R. Ambedkar
147. How many railway stations are approximately there on the Indian Railway Network?  
 (A) 9000 (B) 7000  
 (C) 8000 (D) 6000
148. In which of the following city, the first women Post Office in the country has been established in March 2013:  
 (A) Mumbai (B) Bangaluru  
 (C) Chennai (D) New Delhi
149. Which one among the following is the fastest Indian Supercomputer recently developed by ISRO?  
 (A) Riken (B) Akash  
 (C) Blue Gene (D) Saga-220
150. Which of the following has the oldest rock in India?  
 (A) Siwaliks  
 (B) Indo - Gangetic Plain  
 (C) The Aravallis  
 (D) Himalayas

## Part - IV (English Language)

**Directions (Q. 151-155): Identify the word whose spelling is Correct**

151. (A) Profesional (B) Proffessional  
(C) Proffesional (D) Professional
152. (A) Schdule (B) Shidule  
(C) Schedulle (D) Schedule
153. (A) intelligence (B) intilligence  
(C) intalligence (D) intelligance
154. (A) ashaimed (B) ashamid  
(C) ashimed (D) ashamed
155. (A) lectarer (B) leaturer  
(C) lecturir (D) lecturer

**Directions (Q. 156-160) : Choose the meaning closet to the idioms from the given choices.**

156. To **make castles in the air**  
(A) to be boastful (B) to be too ambitious  
(C) to be conceited (D) to do day-dreaming
157. To **fight tooth and nail**  
(A) to fight like a brute  
(B) to fight a losing battle  
(C) to make every possible effort to win  
(D) to fight heroically
158. He cannot **make both ends meet**.  
(A) earn enough  
(B) work hard  
(C) control affairs  
(D) manage the business
159. There is **no love lost** between the two brothers.  
(A) cool  
(B) intense dislike  
(C) a love-hate relationship  
(D) close friendship
160. Kith and Kin  
(A) Neighbours (B) Friends  
(C) Blood relation (D) Relative

**Directions (Q. 161-165): In each of the following questions, out of the four alternatives, choose the one which can be substituted for the given words/sentence.**

161. A post without remuneration.  
(A) Involuntary (B) Sinicure  
(C) Honorary (D) Voluntary
162. A person against whom legal action is instituted  
(A) Deponent (B) Litigant  
(C) Appellant (D) Defendant
163. A decision on which one cannot go back  
(A) Infringible (B) Infallible  
(C) Irrevocable (D) Incorrigible

164. A person in charge of a museum  
(A) Anthropologist (B) Usurer  
(C) Lexicographer (D) Curator
165. A nursery where children are cared for while their parents are at work  
(A) Children's Home (B) Dormitory  
(C) Orphanage (D) Creche

**Directions (Q. 166-170) : In the following passage there are blanks each of which has been numbered. These numbers are printed below the passage and against each some words are suggested, one of which fits the blank appropriately. Choose the appropriate word.**

Without water ----- (166) animal can survive. In desert regions the greatest ----- (167) to life is drying up. The only creature equipped to ----- (168) with desert life is the hardy Camel. It is said that Camels can ----- (169) a distance of about 800 miles in eight days through continuous travel ----- (170) an intake of single drop of water.

166. (A) exceptional (B) no  
(C) any (D) every
167. (A) requirement (B) worry  
(C) threat (D) need
168. (A) cope (B) resist  
(C) bear (D) live
169. (A) lead (B) cover  
(C) reach (D) walk
170. (A) except (B) receiving  
(C) without (D) for

**Directions (Q. 171-175) : Read the following passage carefully and choose the correct alternative to the given question.**

Childhood is a time when there are few responsibilities to make life difficult. If a child has good parents, he is fed, looked after and loved, whatever he may do. It is improbable that he will ever again in his life be given so much without having to do anything in return. In addition, life is always presenting new things to the child-things that have lost their interest for older people because they are too well known.

171. A child's life  
(A) has no time for entertainment  
(B) is packed with responsibilities  
(C) has few responsibilities  
(D) is full of miseries

172. A child gets all things  
(A) if he is not naughty  
(B) only if parents are good  
(C) if he is brilliant  
(D) without giving anything in return
173. A child is looked after well  
(A) by greedy parents  
(B) by selfish parents  
(C) by prudent parents  
(D) by good parents
174. For a child life is a series  
(A) of outdated experiences  
(B) new and wonderful things  
(C) of outmoded things  
(D) of things that the old people have discarded
175. The old people tend to lose interest in  
(A) new things  
(B) things belonging to children  
(C) familiar things  
(D) the games of the children

**Directions(Q.176-177) : Voice in the following sentences has been changed.Choose the correct option.**

176. The thief was caught by the police  
(A) Police has caught the thief  
(B) The police caught the thief  
(C) The thief has been caught by police  
(D) The police had been trying to catch the thief
177. The hunter shot the tiger  
(A) Hunter was trying to shoot the tiger  
(B) Hunter shot at the tiger  
(C) The tiger was shot by the hunter  
(D) The tiger was killed by the hunter

**Directions. (Q. 178-180) : Change the following sentences from direct to indirect and from indirect to direct as the case may be :-**

178. Ali said to the beggar, 'I know you very well'.  
(A) Ali told the beggar that he knew him very well  
(B) Beggar was recognized by Ali  
(C) Beggar knew Ali too.  
(D) Ali recognized the beggar.
179. Ashok said that Raman would play the match.  
(A) Ashok said, 'Raman play the match'  
(B) Raman told Ashok that he would play the match.  
(C) Ashok said, 'Raman will play the match'.  
(D) 'Raman shall play' said Ashok.
180. I said to my brother, 'Why were you absent yesterday?'  
(A) I asked my brother why he had been absent the previous day.  
(B) I asked my brother why he had been absent the previous day.  
(C) I asked my brother if why he had been absent the previous day.  
(D) I asked my brother why he had been absent yesterday

**Directions: (Q. 181-185) : In each of the following questions, find out which part of the sentence has an error.**

181. (A) He was not only involved  
(B) in her kidnapping  
(C) but also in her murder  
(D) No error
182. (A) I am sure that  
(B) neither the house nor its contents  
(C) is for sale  
(D) No error
183. (A) No sooner did the police arrived  
(B) than  
(C) the robbers made good their escape  
(D) No error
184. (A) Walking  
(B) across the street  
(C) a truck knocked him down  
(D) No error
185. (A) I will have (B) both  
(C) the blue (D) No error

**Directions (Q. 186-190) : Fill in the blanks with suitable options.**

186. A restaurant that presents spic and span look will naturally ----- more customers.  
(A) attract (B) invite  
(C) avoid (D) accommodate
187. The doctor ----- the patient from taking certain medicines.  
(A) proscribed (B) prohibited  
(C) prescribed (D) banned
188. There are ----- view on the issue of giving of unbridled freedom to the growing child.  
(A) valuable (B) divergent  
(C) contrary (D) averse
189. I have been staying here -----last week.  
(A) since (B) for  
(C) from (D) None of the above
190. They marched ----- the hall.  
(A) into (B) in  
(C) from (D) None of the above

**Directions (Q. 191-192): Choose the correct synonyms for the underlined word from the given options.**

191. The boy gave a vivid description of all that happened.  
(A) picturesque (B) fresh  
(C) explanatory (D) brilliant
192. It is compulsory for all the students to join this tour.  
(A) obligatory (B) necessary  
(C) dutiful (D) regular

**Directions (Q. 193-195) : Choose the word most nearly opposite in meaning to the key word.**

193. **ABSOLVE**

- |           |            |
|-----------|------------|
| (A) Blame | (B) Repent |
| (C) Melt  | (D) Bless  |

194. **FAMILIAR**

- |               |                |
|---------------|----------------|
| (A) Alien     | (B) Strange    |
| (C) Wonderful | (D) Mysterious |

195. In the sentence given below choose the appropriate 'Homonym'.

Despite all our efforts success remained

-----

- |             |              |
|-------------|--------------|
| (A) elusive | (B) elusive  |
| (C) ilusive | (D) illusive |

**Directions (Q 196-197) : In the following sentences, replace the underlined part with the one which can improve the sentence, from the given options.**

196. The boy told his teacher to explain the passage.

- (A) Asked his teacher  
(B) Said to his teacher  
(C) Invited his teacher  
(D) No change

197. Socrates was one of the wisest man that ever lived.

- (A) one of the wisest men  
(B) one wise men  
(C) one of the wise men  
(D) no change

**Directions (198-199) : In each of the following questions, a part of the sentence is italicize. Below each sentence are given some possible substitutions for the italicized part. If one of them is better than the italicized part, indicate your response against the corresponding letter. If none of the substitutions improve the sentence indicate 'No improvement' as your answer.**

198. The burglars broke in Mr. Sharma's house last night.

- (A) broke through (B) broke into  
(C) broke down (D) No improvement

199. It is ten years since I have began living here

- (A) begun (B) had begun  
(C) began (D) No improvement

200. In the following sentence there are six sentences marked A, B, P, Q, R, S. The positions of A and B are fixed. You are required to choose one of the four alternatives which would be the most logical sequence of sentences in the passage.

- A) The similarity between the human body and a machine is rather superficial.  
B) The points of difference far outweigh the points of resemblance.  
P) Beyond that, comparison fails.  
Q) No machine grows in size; no machine sees, hears or feels.  
R) It can be summed up in the statement that both require fuel and oxygen and obtain energy.  
S) No machine thinks.  
(A) SQPR (B) RPQS  
(C) RPSQ (D) QSPR