

**SBI Clerk 23 Aug 2014**

# Quant

## Instructions

For the following questions answer them individually

### Question 1

**A vessel contains 60 litres of milk. 6 litres of milk is taken out and 6 litres of water is added to the vessel. Again 6 litres of milk from the vessel is withdrawn and 6 litres of water is added to the vessel. The ratio of milk and water in the resulting mixture in the vessel is**

- A 81 : 19
- B 71 : 29
- C 61 : 39
- D 61 : 29
- E None of these

**Answer:** A

### Explanation:

If we are taking out 6 litres out of a 60 litre solution and replacing it with water,

=> We are replacing  $\frac{1}{10}$ th of the solution with water

=> Fraction of milk will become  $\frac{9}{10}$ th of original.

If the process is repeated 'n' times, fraction of milk will become  $(\frac{9}{10})^n$  of the original.

Here, the process is done twice.

=> Final quantity of milk =  $(\frac{9}{10})^2 \times 60 = 48.6$  litres

and Final quantity of water =  $60 - 48.6 = 11.4$  litres

∴ Required ratio =  $\frac{48.6}{11.4} = \mathbf{81 : 19}$

### Question 2

**The present age of Rakshak is twice the present age of Son-al. Five years hence, Sonal's age will be twice the present , age of Arati. Five years ago, the ratio of the ages of Arati and Kiran was 2 : 3 respectively. Kiran's present age is 20 years. Find Rakshak's present age.**

- A 45 years
- B 50 years
- C 35 years
- D 40 years
- E None of these

**Answer:** B

### Explanation:

Let Arati's age 5 years ago =  $2x$

and Kiran's age 5 years ago =  $3x$

=> Kiran's present age =  $(3x + 5) = 20$  [Given]

$$\Rightarrow x = \frac{15}{3} = 5$$

$$\Rightarrow \text{Arati's present age} = 2x + 5$$

$$= 2 \times 5 + 5 = 15 \text{ years}$$

Now, after 5 years Sonal's age will be twice the present age of Arati

$$\Rightarrow \text{Sonal's age after 5 years} = 2 \times 15 = 30 \text{ years}$$

$$\text{and Sonal's present age} = 30 - 5 = 25 \text{ years}$$

$$\therefore \text{Rakshak's present age} = 2 \times 25 = \mathbf{50 \text{ years}}$$

### Question 3

**Simple interest on a certain sum at a certain rate for 2 years is Rs. 160 and compound interest on the same sum at the same rate and for the same period is Rs. 170. The rate of interest per annum is :**

- A 12%
- B 12.5%
- C 8%
- D 9%
- E None of these

**Answer: B**

#### Explanation:

Simple interest remains same in every year.

$$\Rightarrow \text{Simple interest for 1 year} = \text{Rs. } 80$$

$$\text{Difference of C.I. and S.I. for two years} = \text{Rs.}(170 - 160) = \text{Rs. } 10$$

$$\Rightarrow \text{Interest for 1 year on Rs. } 80 = \text{Rs. } 10$$

$$\Rightarrow \frac{80 \times r \times 1}{100} = 10$$

$$\Rightarrow r = \frac{100}{8} = \mathbf{12.5\%}$$

### Question 4

**Neha Chaudhary bought some goods for Rs. 10000. She sold half of the goods at a loss of 25%. At what percent of profit should she sell the remaining goods so that she gets a gain of 38% on the whole transaction ?**

- A 75%
- B 85%
- C 101%
- D 105%
- E None of these

**Answer: C**

#### Explanation:

$$\text{Total CP} = \text{Rs. } 10,000$$

$$\text{Total SP for a profit of } 38\% = 10,000 \times \frac{138}{100}$$

$$= \text{Rs. } 13,800$$

$$\text{SP of half of goods} = 5,000 \times \frac{75}{100}$$

$$= \text{Rs. } 3,750$$

$$\Rightarrow \text{Required SP of remaining goods} = 13,800 - 3,750 = \text{Rs. } 10,050$$

$$\text{Required gain} = 10,050 - 5,000 = \text{Rs. } 5,050$$

$$\therefore \text{Required gain \%} = \frac{5050}{5000} * 100 = \mathbf{101\%}$$

### Question 5

The cost price of 8 chairs is same as that of 5 tables. The total cost of 6 chairs and 2 tables is Rs. 3680. Find the cost of 6 tables.

A Rs. 3840

B Rs. 3850

C Rs. 3860

D Rs. 3845

E None of these

**Answer:** A

#### Explanation:

Let CP of 1 chair = Rs.  $x$

and CP of 1 table = Rs.  $y$

$$\text{Now, } 8x = 5y$$

$$\text{and } 6x + 2y = 3680$$

Solving above equations, we get

$$x = 400 \text{ and } y = 640$$

$$\therefore \text{Cost of 6 tables} = 6 * 640 = \text{Rs. } 3840$$

#### Instructions

What will come in place of the question mark (?) in each of the following Questions ?

### Question 6

$$\frac{(4.5)^2 \times (3.6)^2}{(0.9)^2 \times (0.5)^2 \times (?)^4} = 1$$

A 3

B 5

C 7

D 6

E 8

**Answer:** D

#### Explanation:

$$\text{Expression : } \frac{(4.5)^2 \times (3.6)^2}{(0.9)^2 \times (0.5)^2 \times (?)^4} = 1$$

$$\begin{aligned}
 &= (?)^4 = \frac{(4.5)^2 \times (3.6)^2}{(0.45)^2} \\
 &= (?)^4 = (10)^2 \times (3.6)^2 \\
 &= (?)^4 = 36^2 = 6^4 \\
 &\Rightarrow ? = 6
 \end{aligned}$$

**Question 7**

$$4_5^4 - 3_5^3 - 5_6^5 + 6_7^6 = ?$$

**A**  $2_{210}^{47}$

**B**  $2_{210}^{41}$

**C**  $3_{210}^{47}$

**D**  $3_{210}^{41}$

**E** None of these

**Answer: A**

**Explanation:**

$$\begin{aligned}
 \text{Expression : } &4_5^4 - 3_5^3 - 5_6^5 + 6_7^6 = ? \\
 &= (4 - 3 - 5 + 6) + \frac{4}{5} - \frac{3}{5} - \frac{5}{6} + \frac{6}{7} \\
 &= 2 + \frac{1}{5} + \frac{1}{42} \\
 &= 2 + \frac{47}{210} \\
 &= 2_{210}^{47}
 \end{aligned}$$

**Question 8**

$${}_{51}^{11} \text{ of } {}_{15}^{13} \text{ of } {}_{19}^{17} \text{ of } ? = 95\frac{1}{3}$$

**A** 560

**B** 570

**C** 580

**D** 590

**E** None of these

**Answer: B**

**Explanation:**

$$\begin{aligned}
 \text{Expression : } &{}_{51}^{11} \text{ of } {}_{15}^{13} \text{ of } {}_{19}^{17} \text{ of } ? = 95\frac{1}{3} \\
 \Rightarrow &\frac{11 \times 13}{45 \times 19} = \frac{286}{3} \\
 \Rightarrow ? &= \frac{286 \times 45 \times 19}{3 \times 11 \times 13} \\
 \Rightarrow ? &= 570
 \end{aligned}$$

**Question 9**

$$878.34 - ? + 345.43 = 579.39$$

- A 3969
- B 3096
- C 2096
- D 4096
- E None of these

**Answer:** A

**Question 10**

$$878.34 - ? + 345.43 = 579.39$$

- A 644.38
- B 654.38
- C 649.38
- D 654.49
- E None of these

**Answer:** A

**Explanation:**

Expression :  $878.34 - ? + 345.43 = 579.39$

$$\Rightarrow 1223.77 - ? = 579.39$$

$$\Rightarrow ? = 1223.77 - 579.39 = 644.38$$

**Question 11**

$$1.64 + 0.64 + 0.064 - 0.8 - 0.08 = ?$$

- A 1.644
- B 1.464
- C 2.464
- D 1.466
- E None of these

**Answer:** B

**Explanation:**

Expression :  $1.64 + 0.64 + 0.064 - 0.8 - 0.08 = ?$

$$\Rightarrow ? = 2.344 - 0.88$$

$$\Rightarrow ? = 1.464$$

**Question 12**

$$285.5 \times 2.4 + 24.6 \times 36.4 = ? \times 0.8$$

- A 1875.5
- B 1795.8
- C 1975.8
- D 1888.6
- E None of these

**Answer: C**

**Explanation:**

Expression :  $285.5 \times 2.4 + 24.6 \times 36.4 = ? \times 0.8$

$$\Rightarrow ? = \frac{285.5 \times 2.4}{0.8} + \frac{24.6 \times 36.4}{0.8}$$

$$\Rightarrow ? = 856.5 + 1119.3$$

$$\Rightarrow ? = 1975.8$$

**Question 13**

$$59^2 - 49^2 = 2^? \times 3^3 \times 5$$

- A 4
- B 1
- C 2
- D 3
- E None of these

**Answer: D**

**Explanation:**

Expression :  $59^2 - 49^2 = 2^? \times 3^3 \times 5$

$$\Rightarrow (59 + 49)(59 - 49) = 2^? \times 27 \times 5$$

$$\Rightarrow 2^? = \frac{108 \times 10}{27 \times 5}$$

$$\Rightarrow 2^? = 8 = 2^3$$

$$\Rightarrow ? = 3$$

**Question 14**

$$13.5 \times 5 + 245 \times 0.5 + 677.5 = 59.1 \times ?$$

- A 14.7
- B 15.8
- C 16.5
- D 21.7
- E None of these

**Answer: A**

**Explanation:**

Expression :  $13.5 \times 5 + 245 \times 0.5 + 677.5 = 59.1 \times ?$

$$\Rightarrow 67.5 + 122.5 + 677.5 = 59.1 \times ?$$

$$\Rightarrow 867.5 = 59.1 \times ?$$

$$\Rightarrow ? = \frac{867.5}{59.1} = 14.7$$

#### Question 15

**40% of 1476 + 25 % of ? = 12933/20**

**A** 215

**B** 225

**C** 235

**D** 216

**E** None of these

**Answer:** B

#### Explanation:

Expression :  $40\% \text{ of } 1476 + 25\% \text{ of } ? = 12933/20$

$$\Rightarrow \frac{40}{100} * 1476 + \frac{25}{100} * ? = 646.65$$

$$\Rightarrow 590.4 + \frac{?}{4} = 646.65$$

$$\Rightarrow \frac{?}{4} = 646.65 - 590.4 = 56.25$$

$$\Rightarrow ? = 56.25 * 4 = 225$$

#### Instructions

For the following questions answer them individually

#### Question 16

**A boatman rows downstream a distance of 30 km in 6 hours and up stream a distance of 24 km in 6 hours. The ratio of speed of boat in still water and speed of current is**

**A** 9 : 1

**B** 8 : 1

**C** 9 : 2

**D** 8 : 3

**E** None of these

**Answer:** A

#### Explanation:

Let speed of boat in still water =  $x$  km/h

and speed of current =  $y$  km/h

$$\text{Now, } \frac{30}{x+y} = 6$$

$$\Rightarrow x + y = 5$$

$$\text{and } \frac{24}{x-y} = 6$$

$$\Rightarrow x - y = 4$$



Solving above equations, we get :

$$x = \frac{9}{2} \text{ and } y = \frac{1}{2}$$

$$\Rightarrow x : y = 9 : 1$$

### Question 17

The part of work done by A in 1 day is  $\frac{1}{5}$ th of the part of work done by B in 1 day. A's 1 day's work is  $\frac{3}{4}$ th of C's 1 day's work. C alone can complete the work in 24 days. In how many days will B alone do the same work ?

**A**  $8\frac{2}{5}$  days

**B**  $6\frac{2}{5}$  days

**C**  $4\frac{2}{5}$  days

**D**  $3\frac{2}{5}$  days

**E** None of these

**Answer:** B

### Explanation:

$$\text{C's 1 day's work} = \frac{1}{24}$$

$$\Rightarrow \text{A's 1 day's work} = \frac{3}{4} * \frac{1}{24}$$

$$= \frac{1}{32}$$

$$\Rightarrow \text{B's 1 day's work} = 5 * \frac{1}{32} = \frac{5}{32}$$

$$\therefore \text{B alone will finish the work in} = \frac{32}{5} \text{ days}$$

$$= 6\frac{2}{5} \text{ days}$$

### Question 18

A, B and C together start a business. The ratio of investment of A and B is 7 : 8 and that of B and C is 4 : 9. B gets a share of Rs. 7104 in annual profit. What is C's share in the profit ?

**A** Rs. 16984

**B** Rs. 16894

**C** Rs. 15894

**D** Rs. 14894

**E** None of these

**Answer:** E

### Explanation:

$$A : B = 7 : 8$$

$$B : C = 4 : 9 = 8 : 18$$

$$\Rightarrow A : B : C = 7 : 8 : 18$$

Let total profit be  $P$

$$\Rightarrow \text{B's share} = \frac{8}{33} \times P = 7104$$

$$\Rightarrow P = \frac{7104 \times 33}{8}$$

$$\text{Now, C's share} = \frac{18}{33} * P$$

$$= \frac{18}{33} \times \frac{7104 * 33}{8}$$

$$= 18 * 888 = \text{Rs. } 15,984$$

### Question 19

The present population of a city P is thrice the present population of city Q. Two years hence, the population of city Q will be 18513. If the rate of growth of population of city Q is 10% per annum, what is the present population of city P ?

- A 48500
- B 45500
- C 49500
- D 45900
- E None of these

**Answer:** D

### Explanation:

Let the present population of city Q =  $x$

$$\Rightarrow x \left(1 + \frac{10}{100}\right)^2 = 18513$$

$$\Rightarrow x \times \frac{121}{100} = 18513$$

$$\Rightarrow x = 15300$$

$$\therefore \text{Present population of city P} = 15300 * 3 = 45900$$

### Question 20

Vishal invested 3/11th part of his monthly income in stocks share and that of 1/4th part in mutual fund. He spent the remaining amount on domestic needs and apparel in the ratio 5 : 3 respectively. The expenditure on domestic needs was Rs.2100 What is his annual income ?

- A Rs. 84480
- B Rs. 85480
- C Rs. 86480
- D Rs. 83480
- E None of these

**Answer:** A

### Explanation:

Let the annual income = Rs.  $x$

$$\Rightarrow \text{Total investments in stocks and mutual funds} = \frac{3x}{11} + \frac{x}{4}$$

$$= \text{Rs. } \frac{23x}{44}$$

$$\Rightarrow \text{Remaining amount} = x - \frac{23x}{44} = \frac{21x}{44}$$

$$\text{Expenditure on domestic needs} = \frac{5}{8} \times \frac{21x}{44} = 2100$$

$$\Rightarrow x = \frac{2100 \times 44 \times 8}{5 \times 21}$$

$$\Rightarrow x = 7040$$

$$\therefore \text{Annual income} = 12 * 7040 = \text{Rs. } 84,480$$

### Question 21

The distance between Shaurya's house and Pratyusha's house is 18 km. Shaurya's speed is 3/7th of that Pratyusha. Shaurya takes one hour in going to Pratyusha's house. What is the speed of Pratyusha ?

- A 18 kmph
- B 24 kmph
- C 30 kmph
- D 32 kmph
- E None of these

**Answer:** E

### Explanation:

$$\text{Shaurya's speed} = \frac{18}{1} = 18 \text{ kmph}$$

$$\Rightarrow \text{Speed of Pratyusha} = 18 \times \frac{7}{3}$$

$$= 42 \text{ kmph}$$

### Question 22

In a piggy bank there are 1 rupee, 50 paise and 25 paise coins. The respective ratio of their numbers is 10 : 8 : 5. In piggy bank there is a total sum of Rs. 976. How many 25 paise coins are there in the piggy bank ?

- A 256
- B 360
- C 320
- D 640
- E None of these

**Answer:** C

### Explanation:

Let the number of 1 rupee, 50 paise and 25 paise coins =  $10x, 8x, 5x$

$$\Rightarrow \text{Total amount} = (10x \times 1) + (8x \times \frac{1}{2}) + (5x \times \frac{1}{4}) = 976$$

$$\Rightarrow 14x + \frac{5x}{4} = 976$$

$$\Rightarrow \frac{61x}{4} = 976$$

$$\Rightarrow x = \frac{976 \times 4}{61} = 64$$

$$\therefore \text{No. of 25 paise coins} = 5 * 64 = 320$$

**Question 23**

The salary of Sarthak is 40% of that of Sarvagya. Harish's salary is 60% of that of Sarthak. By what per cent is Sarvagya's salary more than that of Harish ?

- A 317
- B 217
- C 228
- D 281
- E None of these

**Answer:** A

**Explanation:**

Let Sarvagya's salary = Rs. 100

$$\Rightarrow \text{Sarthak's salary} = \frac{40}{100} * 100 = \text{Rs. } 40$$

$$\Rightarrow \text{Harish's salary} = \frac{60}{100} * 40 = \text{Rs. } 24$$

$$\Rightarrow \text{Required \%} = \frac{100-24}{24} * 100$$

$$= 317\%$$

**Question 24**

The perimeter of a square plot is equal to the perimeter of a rectangular plot which is 23 metre long and 19 metre broad. What will be the diagonal of the square plot ?

- A  $17\sqrt{2}m$
- B  $21\sqrt{2}m$
- C  $22\sqrt{2}m$
- D  $23\sqrt{2}m$
- E None of these

**Answer:** B

**Explanation:**

$$\text{Perimeter of rectangular plot} = 2(l + b)$$

$$= 2(23 + 19) = 2 * 42$$

$$= 84 \text{ metre} = \text{Perimeter of square plot}$$

$$\Rightarrow \text{Side of square plot} = 84/4 = 21 \text{ metre}$$

$$\therefore \text{Diagonal} = \sqrt{2} * \text{side}$$

$$= 21\sqrt{2} \text{ metre}$$

**Question 25**

A tank is fitted with two inlet pipes A and B and an outlet pipe C. Pipe A can fill the empty tank in 12 minutes. While pipe B alone can fill it in 18 minutes. Pipe C can empty the full tank in  $11\frac{1}{4}$  minutes. If all three pipes are opened simultaneously, in what time will the empty tank be filled?

- A 16 minutes
- B 18 minutes
- C 20 minutes
- D 22 minutes
- E None of these

**Answer:** C

**Explanation:**

Part of the tank filled in 1 minute when all three pipes are opened

$$= \frac{1}{12} + \frac{1}{18} - \frac{1}{45}$$

$$= \frac{1}{12} + \frac{1}{18} - \frac{4}{45}$$

$$= \frac{9}{180} = \frac{1}{20}$$

=> Required time = 20 minutes

**Question 26**

The sum of 68 numbers is 3474. The average of first 22 numbers is 61 and that of last 19 numbers is 44. What will be the average of remaining numbers ?

- A 44
- B 48
- C 46
- D 50
- E 52

**Answer:** B

**Explanation:**

Sum of first 22 numbers =  $22 * 61 = 1342$

Sum of last 19 numbers =  $19 * 44 = 836$

Numbers remaining =  $68 - 22 - 19 = 27$

=> Sum of remaining 19 numbers =  $3474 - 1342 - 836 = 1296$

∴ Required average =  $\frac{1296}{27}$

= 48

**Instructions**

What will come in place of the question mark (?) in the following number series ?

**Question 27**

**5, 12.5, 32.5, 105, 427.5, ?**

- A** 2145
- B** 2045
- C** 2245
- D** 2005
- E** None of these

**Answer:** A

**Explanation:**

The pattern here followed is :

$$5 * 1 + 7.5 = 12.5$$

$$12.5 * 2 + 7.5 = 32.5$$

$$32.5 * 3 + 7.5 = 105$$

$$105 * 4 + 7.5 = 427.5$$

$$427.5 * 5 + 7.5 = \mathbf{2145}$$

**Question 28**

**20, 38, 74, 146, 290, ?**

- A** 576
- B** 578
- C** 580
- D** 574
- E** None of these

**Answer:** B

**Explanation:**

The pattern here followed is :

$$20 * 2 - 2 = 38$$

$$38 * 2 - 2 = 74$$

$$74 * 2 - 2 = 146$$

$$146 * 2 - 2 = 290$$

$$290 * 2 - 2 = \mathbf{578}$$

**Question 29**

**12, 13, 21, 85, 597, ?**

- A** 4683
- B** 4663

- C 4693
- D 4863
- E None of these

**Answer:** C

**Explanation:**

The pattern here followed is :

$$12 + 1^3 = 13$$

$$13 + 2^3 = 21$$

$$21 + 4^3 = 85$$

$$85 + 8^3 = 597$$

$$597 + 16^3 = \mathbf{4693}$$

**Question 30**

**400, 800, 880, 896, 899.2, ?**

- A 889.48
- B 898.48
- C 899.64
- D 899.84
- E None of these

**Answer:** D

**Explanation:**

The pattern here followed is :

$$400 + 400 = 800$$

$$800 + 400 * \frac{1}{5} = 800 + 80 = 880$$

$$880 + 80 * \frac{1}{5} = 880 + 16 = 896$$

$$896 + 16 * \frac{1}{5} = 896 + 3.2 = 899.2$$

$$899.2 + 3.2 * \frac{1}{5} = 899.2 + 0.64 = \mathbf{899.84}$$

**Question 31**

**40, 20, 30, 75, 262.5, ?**

- A 1181.25
- B 1182.25
- C 1281.25
- D 1161.25
- E 1811.25

**Answer:** A

**Explanation:**

The pattern here followed is :

$$40 * \frac{1}{2} = 20$$

$$20 * \frac{3}{2} = 30$$

$$30 * \frac{5}{2} = 75$$

$$75 * \frac{7}{2} = 262.5$$

$$262.5 * \frac{9}{2} = \mathbf{1181.25}$$

### Question 32

If  $\frac{7x}{12} - 12 = 23 + \frac{3x}{8}$ , find the value of x

A 164

B 168

C 165

D 180

E 140

**Answer:** B

#### Explanation:

$$\text{Expression : } \frac{7x}{12} - 12 = 23 + \frac{3x}{8}$$

$$\Rightarrow \frac{7x}{12} - \frac{3x}{8} = 23 + 12$$

$$\Rightarrow \frac{5x}{24} = 35$$

$$\Rightarrow x = 7 * 24 = 168$$

#### Instructions

For the following questions answer them individually

### Question 33

The diameter of a wheel is 42 cm. How many revolutions will be made by the wheel in covering a distance of 4092 metre ?

A 3600

B 3200

C 3100

D 3300

E None of these

**Answer:** C

#### Explanation:

Distance covered by wheel in one revolution = circumference of wheel

$$= \pi * \text{diameter}$$

$$= \frac{22}{7} * 42 = 132 \text{ cm}$$

$$= 1.32 \text{ metre}$$



$$\Rightarrow \text{No. of revolutions} = \frac{4092}{1.32} = 3100$$

### Question 34

Ankur invested a sum of Rs. 16800 for four years in a scheme A. The rate of interest in scheme A is 8% per annum compounded yearly for the first two years and 10% for the third and fourth years compounded yearly. What will be the compound interest at the end of 4 years ?

- A Rs. 6810
- B Rs. 6910
- C Rs. 6540
- D Rs. 6210
- E Rs. 6740

**Answer:** B

### Explanation:

We know that, in compound interest, amount A :

$$\Rightarrow A = P\left(1 + \frac{R}{100}\right)^T$$

$$\Rightarrow A = 16800\left(1 + \frac{8}{100}\right)^2\left(1 + \frac{10}{100}\right)^2$$

$$\Rightarrow A = 16800 \times \left(\frac{27}{25}\right)^2 \times \left(\frac{11}{10}\right)^2$$

$$\Rightarrow A = 23710$$

$$\therefore \text{C.I.} = 23710 - 16800$$

$$= \text{Rs. } 6,910$$

### Instructions

Read the following table carefully and answer the questions given below it.

**Sales of Aviator sun-glasses by six stores M, N, O, P, Q, and R during 5 years**

Stores / Years	M	N	O	P	Q	R
2001	750	478	575	670	595	852
2002	680	780	760	490	675	780
2003	575	470	720	870	835	820
2004	482	670	665	790	485	645
2005	545	720	829	585	650	855

### Question 35

What is the respective ratio between the total number of sun glasses sold by store M in the years 2001, 2002 and 2003 and that sold by store P in the same years ?

- A 401 : 406
- B 201 : 203
- C 131: 139
- D 411: 406

**E** None of these

**Answer:** A

**Explanation:**

Sun glasses sold in the years 2001, 2002 and 2003 by :

$$\text{Store M} = 750 + 680 + 575 = 2005$$

$$\text{Store P} = 670 + 490 + 870 = 2030$$

$$\Rightarrow \text{Required ratio} = 2005 : 2030$$

$$= 401 : 406$$

**Question 36**

**By what per cent is the number of sun glasses sold by store N in the year 2005 less than that sold by store R in the year 2003 ?**

**A** 10%

**B** 12%

**C** 14%

**D** 15%

**E** 20%

**Answer:** B

**Explanation:**

Sun glasses sold by Store N in 2005 = 720

Sun glasses sold by Store R in 2003 = 820

$$\Rightarrow \text{Required \%} = \frac{820-720}{820} * 100 = 12\%$$

**Question 37**

**What is the respective ratio between the average number of sun glasses sold by store P and store Q during all the given years ?**

**A** 271 : 216

**B** 217 : 216

**C** 227 : 216

**D** 113 : 115

**E** None of these

**Answer:** C

**Explanation:**

Total sun glasses sold by Store P = 670 + 490 + 870 + 790 + 585 = 3405

Total sun glasses sold by Store Q = 595 + 675 + 835 + 485 + 650 = 3240

$$\Rightarrow \text{Required ratio} = \frac{3405}{5} : \frac{3240}{5}$$

$$= 681 : 648 = 227 : 216$$

**Question 38**

**By what per cent approximately is the total number of sun glasses sold by store P in the years 2003, 2004 and 2005 more than that sold by store in the same years ?**

- A 14%
- B 16%
- C 18%
- D 12%
- E 17%

**Answer:** A

**Question 39**

**What is the average number of sun glasses sold by store R in the given years ?**

- A 760
- B 790
- C 810
- D 820
- E 829

**Answer:** B

**Explanation:**

Total number of sun glasses sold by Store R in the given years

$$= 852 + 780 + 820 + 645 + 855 = 3952$$

$$\Rightarrow \text{Required average} = 3952/5 = 790.4$$

$$= 790 \text{ (approx.)}$$

**Question 40**

**How many sun glasses were sold by all the stores in the year 2003 ?**

- A 5190
- B 4190
- C 4290
- D 5290
- E None of these

**Answer:** C

**Explanation:**

Total number of sun glasses sold in 2003

$$= 575 + 470 + 720 + 870 + 835 + 820$$

$$= 4290$$

# Computer Knowledge

## Instructions

For the following questions answer them individually

### Question 41

Marketing is a..... process.

- A Social
- B Personal
- C Goal-oriented
- D Exchange
- E None of these

**Answer:** D

### Question 42

30,000 bytes is equal to

- A 30 KB
- B 3 MB
- C 3 GB
- D 3 TB
- E None of these

**Answer:** A

### Question 43

Which of the following is a binary number?

- A 4343
- B 109
- C 1101101
- D 1212
- E 343412

**Answer:** C

### Question 44

WC Which of the following is a mark of Customization in marketing?

- A Tailor-made products for each customer

- B** Customers selling goods
- C** Tailor-made products for each staff
- D** A selling process
- E** None of these

**Answer: A**

#### **Question 45**

**Brand loyalty is**

- A** Customers have faith in the product
- B** Customers will buy the product even if the price is high
- C** Customers have developed taste for the product
- D** Both 1 and 2
- E** All of the above

**Answer: E**

#### **Question 46**

**Which part of a computer cannot be touched?**

- A** Mouse
- B** Monitor
- C** Hardware
- D** Software
- E** None of these

**Answer: D**

#### **Question 47**

**Pressing the \_\_\_ key will make number pad act as direction arrows.**

- A** Number lock
- B** Caps lock
- C** Arrow lock
- D** Shift
- E** None of these

**Answer: A**

**Question 48**

**What is the full form of RFID?**

- A** Radio Frequency Identification
- B** Remote Frequency Instant Download
- C** Radio Frequency Instant Download
- D** Remote Frequency Identification
- E** None of these

**Answer:** A

**Question 49**

**Which of the following focuses on building long term lasting relationship with customers?**

- A** Direct Marketing
- B** Relationship marketing
- C** Marketing management
- D** Personal selling
- E** SWOT Analysis

**Answer:** B

**Question 50**

**In marketing, the personal communication between a salesperson and a potential customer or group of customers is known as**

- A** Direct selling
- B** Personal selling
- C** Customization
- D** Indirect selling
- E** One-to-One selling

**Answer:** B

**Question 51**

**Which of the following is not correct regarding Social Marketing?**

- A** It aims to achieve noncommercial goals
- B** The primary aim of social marketing is financial good
- C** It integrates marketing concepts with other approaches to influence behaviors that benefit individuals and communities

**D** Both 1 and 2

**E** Both 2 and 3

**Answer: B**

**Question 52**

**Manipulation of data in computer is called**

**A** Boot

**B** Processing

**C** Simplification

**D** Format

**E** Clean disk

**Answer: B**

**Question 53**

**In the field of computers, what is the term for the process of adapting software so that an executable program can be created for a computing environment that is different from the one for which it was originally designed?**

**A** Networking

**B** Porting

**C** Reading

**D** Clean up

**E** None of these

**Answer: B**

**Question 54**

**..... and .....are the two types of computer memory.**

**A** RAM and CPU

**B** ROM and CPU

**C** RAM and ROM

**D** RAM and BIOS

**E** BIOS and ROM

**Answer: C**

**Question 55**

**What is the full form of CRT?**

- A** Cathode Ray Tube
- B** Computer Resolution and Transparency
- C** Cathode Resolution and Transparency
- D** Computer RAM Trash
- E** None of these

**Answer:** A

**Question 56**

**Which of the following is not a stage of consumer motivation process in the field of marketing?**

- A** Latent need
- B** Persuasion
- C** Drive
- D** Desire
- E** Goal

**Answer:** B

**Question 57**

**Which among the following is not a hardware?**

- A** Motherboard
- B** Operating system
- C** CPU
- D** Main memory
- E** Hard disk drive

**Answer:** B

**Question 58**

**Which of the following is a software?**

- A** Motherboard
- B** CPU
- C** Microsoft Windows
- D** RAM



**E** All of these

**Answer: C**

**Question 59**

**Opinion leaders are sometimes referred to as**

**A** The upper class

**B** BUZZ marketers

**C** Networkers

**D** The influentials

**E** The middle class

**Answer: D**

**Question 60**

**Door-to-door marketing comes under which model of marketing?**

**A** Personal marketing

**B** Direct marketing

**C** Promotional marketing

**D** Both 1 and 3

**E** All of the above

**Answer: B**

**Question 61**

**The value of an offering is described as.....**

**A** The price consumers are charged for a product

**B** The cost of manufacturing a product

**C** The degree to which consumer demand for a product is positive

**D** The sum of the tangible and intangible benefits and costs to customers

**E** The intangible benefits gained from a product

**Answer: D**

**Question 62**

**Shopping by mail is also known as**

**A** Direct shopping

**B** Digital shopping

- C** Online shopping
- D** E- shopping
- E** Both 3 and 4

**Answer:** E

#### **Question 63**

**Which type of marketing involves hiring, training, and motivating able employees who want to serve customers well?**

- A** Integrated Marketing
- B** Direct Marketing
- C** Internal Marketing
- D** Business Marketing
- E** None of these

**Answer:** C

#### **Question 64**

**In computing, a y is a directive to a computer program in order to perform a specific task.**

- A** Hard boot
- B** Hibernation
- C** Command
- D** Warm boot
- E** Format

**Answer:** C

#### **Question 65**

**Television is a type of media.**

- A** Broadcast media
- B** Visual media
- C** Online media
- D** Both 1 and 2
- E** All of the above

**Answer:** D

**Question 66**

**What is the function of keyboard in a computer?**

- A** Type text and numbers into a word processor
- B** Access menus
- C** To act as an input device
- D** Give command to OS
- E** All of the above

**Answer:** E

**Question 67**

**Which of the following is/are modifier keys in a computer?**

- A** Ctrl
- B** Alt
- C** Shift
- D** Both 2 and 3
- E** All of the above

**Answer:** E

**Question 68**

**Which among the following is associated with Internet Mail?**

- A** Inbox
- B** Server
- C** Trash
- D** Drop Box
- E** One Drive

**Answer:** A

**Question 69**

**Which of the following comes under supportive service?**

- A** Packaging
- B** Labeling
- C** Promotion
- D** Service Delivery

**E** Advertising

**Answer:** D

**Question 70**

**Which of the following is the new view of marketing?**

**A** Build partnership

**B** Competitive edge

**C** As the science, art of finding profitable customers

**D** Satisfying customer needs

**E** All of the above

**Answer:** D

**Question 71**

**What is a cursor?**

**A** It is an indicator

**B** It shows the position on a computer monitor

**C** Cursor is Latin for 'runner.'

**D** Both 1 and 2

**E** All of the above

**Answer:** E

**Question 72**

**Which of the following colors can represent 6 bit?**

**A** Red

**B** Green

**C** Blue

**D** Yellow

**E** Cyan

**Answer:** B

**Question 73**

**Best in Class Benchmarking seeks to assess organizational performance against**

**A** The nearest geographical competitor

**B** The competitor who is 'best in class' wherever that may be

- C The competitor who is the best in the industry
- D The nearest principal competitor
- E None of these

**Answer: B**

**Question 74**

**To fit in notebook and many handheld computers, the keyboards usually are**

- A Smaller
- B Fewer
- C Firmer
- D More flexible
- E Both 1 and 2

**Answer: E**

**Question 75**

**Which of the following types of motive induce a consumer to buy a particular product?**

- A Product motive
- B Emotional motive
- C Learned motive
- D Social motive
- E All of the above

**Answer: E**

**Question 76**

**Marketing..... is a function of transferring goods from producer to consumers.**

- A Salesman
- B Intermediary
- C Place
- D Channel
- E All of the above

**Answer: D**

**Question 77**

**In computing, what is a tape drive?**

- A A data storage device

- B** An OCR device
- C** A pointing device
- D** A multi media device
- E** A text editing device

**Answer:** A

#### **Question 78**

**The purpose of a SWOT analysis is to analyze**

- A** The business environment in which an organization operates
- B** The strategic capability of an organization
- C** The business environment and the strategic capability of an organization relative to its competitors
- D** External and organizational environments
- E** None of these

**Answer:** C

#### **Question 79**

**Under which type of marketing does a company practices on sub segments with distinctive traits that may seek a special combination of benefits?**

- A** Micro marketing
- B** Niche marketing
- C** Mass marketing
- D** Segment marketing
- E** None of these

**Answer:** B

#### **Question 80**

**Which of the following is not an element of the Marketing Communication Planning Framework (MCPF)?**

- A** Mission
- B** Resources
- C** Feedback
- D** Context analysis
- E** None of these

**Answer:** A

#### **Explanation:**

NUMERICAL ABILITY

# English

## Instructions

In the following passage there are blanks, each of which has been numbered. These numbers are printed below the Passage, against each, five words are suggested. one of which fits the blank appropriately. Find out the appropriate word in each case.

When Eyo III. was ruling over all men and animals, he had a very big palatial house to which he used to (1...) his subjects at intervals to feast. After the feast had been held and plenty of tombo had been drunk, it was the custom of the people to (2...) speeches. One day after the feast the head driver ant got up and said he and his people were stronger than any one, and that no one, not even the elephant, could stand before him, which was quite true. He was

particularly (3....) in his allusions to the worms (whom he disliked very much), and said they were poor wriggling things.

The worms were very angry and complained, so the king said that the best way to (4....) the question who was the stronger was for both sides to meet on the road and fight the matter out between themselves to a finish. He appointed the third day from the feast for the contest, and all the people turned out to (5.....) the battle.

The driver ants left their nest in the early morning in thousands and millions, and, as is their custom, (6...) in a line about one inch broad densely packed, so that it was like a dark-brown band moving over the country. In front of the (7...) column they had out their scouts, advance guard, and flankers, and the main body followed in their millions close behind.

When they came to the battlefield the moving band spread out, and as the thousands (8...) thousands of ants rolled up, the whole piece of ground was a moving mass of ants and bunches of struggling worms. The fight was over in a very few minutes, as the worms were bitten in pieces by the sharp pincerlike mouths of the driver ants. The few worms who survived squirmed (9...) and buried themselves out of sight.

King Eyo decided that the driver ants were easy winners, and ever since the worms have always been (10...) and have lived underground; and if they happen to come to the surface after the rain they hide themselves under the ground whenever anything approaches, as they fear all people.

## Question 81

1

- A inviting
- B invite
- C to be invited
- D celebrate
- E cause

**Answer: B**

## Question 82

2

- A make
- B making
- C loud
- D to be made
- E speak

**Answer:** A

**Question 83**

**3**

- A** offending
- B** defending
- C** defensive
- D** offensive
- E** opposed

**Answer:** D

**Question 84**

**4**

- A** decide
- B** deceive
- C** decipher
- D** deliver
- E** decision

**Answer:** A

**Question 85**

**5**

- A** watching
- B** witness
- C** exacerbate
- D** aggravate
- E** visit

**Answer:** B

**Question 86**

**6**

- A** arrange
- B** examine



- C march
- D marched
- E torched

**Answer: D**

**Question 87**

**7**

- A advancing
- B descending
- C deviating
- D shrink
- E shrinking

**Answer: A**

**Question 88**

**8**

- A on
- B after
- C of
- D with
- E upon

**Answer: E**

**Question 89**

**9**

- A on
- B of
- C away
- D with
- E after

**Answer: C**

**Question 90**

**10**

- A fear
- B frighten
- C afraid
- D pleased
- E pleasant

**Answer: C**

### **Instructions**

Rearrange the following six sentences/ group of sentences

(A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

(A) Arthur's wife was very beautiful who brought romance in his life while his equally beautiful half-sister added a dark side.

(B) This sword was called 'Excalibur' and with this weapon he vanquished many foes. Under the guidance of Merlin, Arthur had obtained a magical sword from The Lady Of The Lake.

(C) They also searched for a lost treasure, which they believed would cure all ills - this was the 'Quest for the Holy Grail'. Under the guidance of Merlin, Arthur had obtained a magical sword from The Lady Of The Lake.

(D) They carried out acts of chivalry such as rescuing damsels in distress and fought against strange beasts.

(E) Arthur's base was at a place called Camelot. Here he built a strong castle. His knights met at a Round Table.

(F) Arthur was the first born son of King Uther Pendragon and heir to the throne. However these were very troubled times and Merlin, a wise magician, advised that the baby Arthur should be raised in a secret place and that none should know his true identity.

### **Question 91**

**Which of the following should be the FIRST sentence after rearrangement ?**

- A A
- B B
- C C
- D D
- E F

**Answer: E**

### **Question 92**

**Which of the following should be the SECOND sentence after rearrangement ?**

- A A
- B B
- C C
- D D
- E E

**Answer: E**

**Question 93**

**Which of the following should be the THIRD sentence after rearrangement ?**

- A** A
- B** B
- C** C
- D** D
- E** E

**Answer: D**

**Question 94**

**Which of the following should be the FIFTH sentence after rearrangement ?**

- A** A
- B** B
- C** C
- D** D
- E** E

**Answer: B**

**Question 95**

**Which of the following should be the LAST sentence after rearrangement ?**

- A** A
- B** B
- C** C
- D** D
- E** E

**Answer: A**

**Instructions**

Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in bold to help you locate them while answering some of the questions.

Once upon a time there was a King of Benaras who was very rich. He had many servants and a beautiful palace with wonderful gardens; he had chariots and a stable full of horses. But his most prized possession was a magnificent elephant called Mahaghiri. She was as tall as two men, and her skin was of the colour of thunder clouds. She had large **flapping** ears and small, bright eyes and she was very clever.

Mahaghiri lived in her own special elephant house and had her own keeper, Rajinder. The King would often visit Mahaghiri to take her some special tit-bit to eat and check that Rajinder was looking after her properly. But Rajinder needed no reminding, for he also loved the elephant dearly, and trusted her completely. Every morning, he would take her down to the river for her bath. Then he would bring her freshly cut grass, leaves and the finest fruits he could find

in the market for her breakfast. During the day, he would talk to her and, in the evening, he would play his flute to send her to sleep.

One morning, Rajinder arrived as usual with fruit for Mahaghiri's breakfast. Suddenly, before he knew what was happening, she picked him up with her trunk and threw him out of the stall, breaking his arm. She began to stamp on the ground and trumpet so loudly that it took several strong men all morning to bind her with ropes and chains. When the king heard about what had happened, he was very upset and sent for the doctor to help Rajinder. Then he called for his chief minister. "You must go and see Mahaghiri at once," he said. "She used to be so kind and gentle, but this morning she threw her keeper out of her stall. I can't understand it. She must be ill or in pain. **Spare no expense** in finding a cure." So the chief minister went to see Mahaghiri, who was still bound firmly with ropes. First he looked at her eyes - they were as clear and bright as usual. Then he felt behind her ears - her temperature was normal. Next he listened to her heart that was fine too - and checked all over for cuts or sores. He could find nothing wrong with her. "Strange," he thought. "I can find no explanation for her bad behaviour." But then his eye was caught by something **gleaming** in the straw. It was a sharp, curved knife, like the ones used by robbers. Could there be a connection? That night, when everyone else had gone to bed, the chief minister returned to the elephant house. There, in the stall next to Mahaghiri's, sat a band of robbers. "Tonight we'll burgle the palace," said the chief. "First, we'll make a hole in the wall, then we'll steal the treasure.

"But what about the guards?" someone asked. "Don't tell me you're still afraid to kill! When will you learn to be a real robber?" From the shadows, the minister could see the elephant, her ears pinned back, listening to every hateful and violent word. "Just as I suspected," thought the minister.

Then he slipped out, bolted the door on the outside so the robbers could not escape, and went immediately to the king. "Your majesty," he said, "I think I have found the cause of your elephant's bad behaviour." As soon as the king heard what the minister had to say, he sent for his guards and had the robbers arrested. "But what about the elephant? How can she be cured?" he asked. "Well, your majesty, if Mahaghiri became dangerous through being in the company of those wicked robbers, perhaps she could be cured by being in the company of good people." "What a brilliant idea!" exclaimed the king. "Let us invite the friendliest, happiest and kindest people in the city to meet in the stall next to the elephant." "Mahaghiri, the king's most prized elephant, has been in bad company and has become violent and dangerous," the minister told his friends. "Will you help her to become her old self again?" "Of course," they replied. "What do you want us to do?" "Just meet in the elephant house every day for the next week. Let her hear how kindly and thoughtfully you speak to each other, and how helpful you are." So the minister's friends met in the elephant house as planned. They talked together and enjoyed each other's company. Sometimes they brought cakes and sweets to share; sometimes their children came and played happily in the straw. All the while, Mahaghiri watched and listened. Gradually, she became calmer. "I think it's working," said the minister. "Soon we'll be able to remove the ropes." Everyone felt a bit nervous when the day came for Mahaghiri to be untied. The king ordered everyone to wait outside as, very carefully, brave Rajinder began to undo the ropes around her ears and trunk. Next he removed the ropes holding her head. Finally, he **loosened** the thick chains holding her great feet. Everyone held their breath. What if she was still wild? Mahaghiri looked round shuffling her feet to stretch them. Then she slowly **curled** her trunk around her keeper's waist and lifted him high into the air before placing him gently on her back. A great cheer went up. The king was delighted. "Let's have a picnic to celebrate," he announced. "Mahaghiri can come too." What a great afternoon they all had! Mahaghiri bathed in the lake and gave the children rides. It seemed as though she had now become kinder, gentler and even more trustworthy than ever. But Rajinder never forgot what had happened and was always careful to set Mahaghiri a good example by being kind and friendly himself.

### Question 96

As per the context of passage, what was the most prized possession of the king of Benaras ?

- A Elephant
- B Horse
- C Queen
- D Gardens
- E None of these

Answer: A

**Question 97**

**Who was the keeper of elephant to look after her properly ?**

- A** Surinder
- B** Satyendra
- C** Rajinder
- D** Sohrab
- E** None of these

**Answer:** C

**Question 98**

**Who was appointed by the king to find the cause behind the bad behaviour of elephant ?**

- A** Chief secretary
- B** Veterinary doctor
- C** Chief minister
- D** Other elephant keeper
- E** None of these

**Answer:** C

**Question 99**

**What was the cause behind the elephant going violent and dangerous that harmed her own keeper badly ?**

- A** a band of robbers
- B** a group of musicians
- C** ill treatment of keeper
- D** a herd of horses
- E** None of these

**Answer:** A

**Question 100**

**What was arranged by the king to celebrate after the elephant returned to calmness ?**

- A** picnic
- B** fair
- C** horse - race
- D** elephant race

**E** None of these

**Answer:** A

**Instructions**

Choose the word/ group of words which is most similar in meaning to the word/ group of words printed in bold as used in the passage.

**Question 101**

**Flapping**

**A** beating

**B** rigging

**C** rigid

**D** attractive

**E** large

**Answer:** A

**Question 102**

**Gleaming**

**A** darkening

**B** encouraging

**C** frightening

**D** glittering

**E** gliding

**Answer:** D

**Question 103**

**Spare no expense**

**A** do everything possible

**B** do nothing

**C** show extravagance

**D** do extra work

**E** to be miser.

**Answer:** A

**Instructions**

Choose the word/ group of words which is most opposite in meaning to the word/ group of words printed in bold as used in the passage.

**Question 104****Loosened**

- A lost
- B slackened
- C weakened
- D tightened
- E frightened

**Answer:** D

**Question 105****Curled**

- A curved
- B tight
- C circular
- D straight
- E spiked

**Answer:** D

**Instructions**

Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is No error' the answer is e:. (Ignore errors of punctuation if any)

**Question 106**

**India's Gross Domestic Product (a) expand at 4.7% (b) in the year ended March 31, 2014, (c) the second year of below 5% growth. (d) No Error (e)**

- A India's Gross Domestic Product
- B expand at 4.7%
- C in the year ended March 31, 2014
- D the second year of below 5% growth
- E No Error

**Answer:** B

**Question 107**

**With the process of liberalisation across the world (a) having gone through its share of peaks and troughs (b) earlier knee jerk reactions of it being either a panacea (c) or an unmitigated disaster is giving way to a more detailed and nuanced analysis of entire process. (d) No Error (e)**

- A With the process of liberalisation across the world

- B** having gone through its share of peaks and troughs
- C** earlier knee jerk reactions of it being either a panacea
- D** or an unmitigated disaster is giving way to a more detailed and nuanced analysis of entire process
- E** No Error

**Answer: D**

#### **Question 108**

**For a positive sign by the commercial vehicle industry a:/ truck freight rates b:/on trunk routes went c: / up for the second month in a row.d:/ No Error e:**

- A** For a positive sign by the commercial vehicle industry
- B** truck freight rates
- C** on trunk routes went
- D** up for the second month in a row
- E** No Error

**Answer: A**

#### **Question 109**

**Bank raised the interest rates on (a) fixed deposit of three maturities (b) by up to (c) 3.25 percentage profits. (d) No Error (e)**

- A** Bank raised the interest rates on
- B** fixed deposit of three maturities
- C** by up to
- D** 3.25 percentage profits
- E** No Error

**Answer: D**

#### **Question 110**

**Mobile company makes its next move (a) in hand free smartphone technology for car drivers (b) when it unveil a new integrated voice control system (c) at the motor show this week. (d) No Error (d)**

- A** Mobile company makes its next move
- B** in hand free smartphone technology for car drivers
- C** when it unveil a new integrated voice control system
- D** at the motor show this week
- E** No Error

**Answer: C**

#### **Instructions**



In the following questions, each sentence has two blanks; each blank indicating that something has been omitted. Choose the set of words for the blanks which best fits the meaning of the sentence as a whole.

**Question 111**

**Some of the best bhakti..... has been written by poets imagining themselves to be mothers to their favourite.....**

- A poeties, deities
- B poetry, deity
- C poems, demon
- D stories, deity
- E epics, god

**Answer: B**

**Question 112**

**The ..... of south Asian countries is .....for the forward march of Asia as whole.**

- A developed , dispensable
- B developing, necessary
- C development, indispensable
- D development, Indispensability
- E growth, necessity

**Answer: C**

**Question 113**

**Years of..... and huge financial resources have been..... by India in stopping polio in India.**

- A efforts, invested
- B efforts, infested
- C endeavours, digested
- D work, investing
- E slackness, invested

**Answer: A**

**Question 114**

**Despite a flurry .....of condemnations ,the only..... from western nations so far has been to suspend arrangements for G8 meeting.**

- A weak, action
- B weakened, reaction

- C strong, reaction
- D forceful, reactions
- E strong, charge

**Answer: C**

**Question 115**

**The Indian political class is not known for .....in serious writing, even.....**

- A engaged, singing
- B involved, playing
- C escaping, reading
- D engaging, reading
- E estranged, read

**Answer: D**

**Instructions**

In the following questions, a sentence/ part of the sentence is printed in bold. Below are given alternatives to the bold sentence/part of the sentence at a:, b: c: and d: which may improve the sentence. Choose the correct alternative. In case no correction is required, your answer is e:.

**Question 116**

**The Indian political class is known for engaged themselves in socio-economic development of society.**

- A Known for engaging
- B Call for engaged
- C Knowing for engaging
- D Called for engaging
- E No correction required

**Answer: A**

**Question 117**

**The launch of metro railway service in the city , has enhancing public transport options in teeming .**

- A have enhanced
- B has enhanced
- C has been enhanced
- D had enhanced
- E No correction required

**Answer: B**

**Question 118**

**As houses grow and parking areas shrink, more than a little people have expressed their scorn for trees in the capital, one of the world's greenest.**

- A more little people
- B much little people
- C more than a few people
- D much than a few people
- E No correction required

**Answer: C**

**Question 119**

**Rare Indian art spanning a period from the eighth century to the twentieth century will be up for sale at an auction in later this month.**

- A art span a period from
- B art spanning a period
- C a period of art spanning from
- D a period spanning an of
- E No correction required

**Answer: E**

**Question 120**

**Other species of eel are also faced various level of threats due to habitat damage and overfishing.**

- A facing various threat
- B facing various levels of threats
- C faced with various levels of threatening
- D face various levels of threats
- E No correction required

**Answer: B**

## **Reasoning**

**Instructions**

Study the following information carefully and answer the questions given below :

There are six employees – A, B, C, D, E and F in a company. A is more experienced than two employees. D has more experience than employee C. D has less experience than employee F. E has less experience, than D. E does not have the least experience. F is not the most experienced employee. The employee who is second most experienced has an experience of 13 years. The employee who is second least experienced has an experience of five years.

**Question 121**

**Who among the following may have an experience of ten years ?**

- A** E
- B** D
- C** A
- D** Either A or D
- E** F

**Answer:** D

**Explanation:**

A is more experienced than two employees, => A is the 4th most experienced employee.

D has more experience than employee C and D has less experience than employee F, =>  $F > D > C$ .

E has less experience than D and E does not have the least experience. Also, F is not the most experienced employee => B is the most experienced employee and C is the least experienced.

Combining above statements, we get :

**$\therefore B > F > D > A > E > C$**

Experience of F = 13 years and E = 5 years

Since, A and D lies between F and E. Thus, either A or D may have an experience of 10 years.

=> Ans - (D)

**Question 122**

**Who among the following is less experienced than only B**

- A** F
- B** C
- C** D
- D** A
- E** E

**Answer:** A

**Explanation:**

A is more experienced than two employees, => A is the 4th most experienced employee.

D has more experience than employee C and D has less experience than employee F, =>  $F > D > C$ .

E has less experience than D and E does not have the least experience. Also, F is not the most experienced employee => B is the most experienced employee and C is the least experienced.

Combining above statements, we get :

∴ **B > F > D > A > E > C**

Experience of F = 13 years and E = 5 years

F is less experienced than only B.

⇒ Ans - (A)

### Question 123

**Who among the following is more experienced than only C**

- A A
- B D
- C E
- D F
- E Cannot be determined

**Answer: C**

### Explanation:

EndGroup:

### Instructions

Study the following information carefully and answer the questions given below :  
S has two daughters R and A. G is married to R. G is father of N. L is son of A.

### Question 124

**How L is related to S ?**

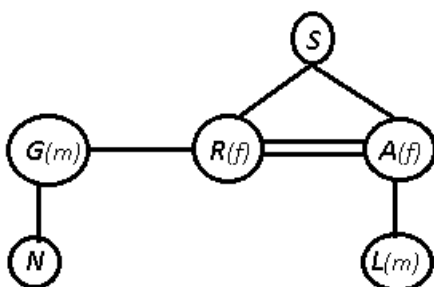
- A Nephew
- B Brother
- C Grandson
- D Great grandson
- E None of these

**Answer: C**

### Explanation:

S has two daughters R and A. G is married to R, ⇒ G is the husband of R.

G is father of N and L is son of A.



L is the grandson of S.

⇒ Ans - (C)

**Question 125**

Which of the following statement is/are true on the basis of information given above ?

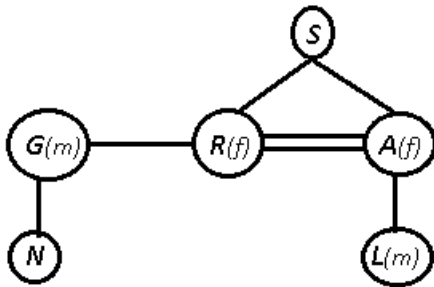
- A G is son-in-law of S
- B R is wife of G
- C A is mother of L
- D L is cousin of N
- E All are true

**Answer:** E

**Explanation:**

S has two daughters R and A. G is married to R, => G is the husband of R.

G is father of N and L is son of A.



Clearly, all statements are true.

=> Ans - (E)

**Instructions**

In these questions, relationship between different elements is shown in the statements.

The statements are followed by two conclusions.

Give answer a: if only Conclusion I is true.

Give answer b: if only Conclusion II is true.

Give answer c: if either Conclusion I or II is true.

Give answer d: if neither Conclusion I nor II is true.

Give answer e: if both Conclusions I and II are true.

**Question 126**

**Statement :**

$$M \leq O < U \leq S = E$$

**Conclusions :**

**I.  $S > M$**

**II.  $E > O$**

- A if only Conclusion I is true.
- B if only Conclusion II is true.
- C if either Conclusion I or II is true.
- D if neither Conclusion I nor II is true.
- E if both Conclusions I and II are true.

**Answer:** E

**Question 127**

**Statement :**

$$K < I = N \geq D > L > E < C$$

**Conclusions :**

**I.  $K \geq D$**

**II.  $N > E$**

- A** if only Conclusion I is true.
- B** if only Conclusion II is true.
- C** if either Conclusion I or II is true.
- D** if neither Conclusion I nor II is true.
- E** if both Conclusions I and II are true.

**Answer:** B

**Question 128**

**Statement :**

$$H > O \geq C > K \leq E = Y$$

**Conclusions :**

**I.  $O > Y$**

**II.  $C > E$**

- A** if only Conclusion I is true.
- B** if only Conclusion II is true.
- C** if either Conclusion I or II is true.
- D** if neither Conclusion I nor II is true.
- E** if both Conclusions I and II are true.

**Answer:** D

**Question 129**

**Statements :**

$$B \geq L = U < N : T < U$$

**Conclusions :**

**I.  $T < B$**

**II.  $N > B$**

- A** if only Conclusion I is true.
- B** if only Conclusion II is true.
- C** if either Conclusion I or II is true.
- D** if neither Conclusion I nor II is true.
- E** if both Conclusions I and II are true.

**Answer:** A

**Explanation:**

Q. No. 9 - 10

**Question 130**

**Statements :**

**$B \geq L = U < N : T < U$**

**Conclusions :**

**I.  $N > T$**

**II.  $T = L$**

- A** if only Conclusion I is true.
- B** if only Conclusion II is true.
- C** if either Conclusion I or II is true.
- D** if neither Conclusion I nor II is true.
- E** if both Conclusions I and II are true.

**Answer:** A

**Instructions**

In each question ,below are two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the two statements disregarding commonly known facts.

Give answer a: if only conclusion I follows.

Give answer b: if only conclusion II follows.

Give answer c: if either conclusion I or conclusion II follows.

Give answer d: if neither conclusion I nor conclusion II follows.

Give answer e: if both conclusion I and conclusion II follow.

**Question 131**

**Statements :**

**No crayon is paint.**

**Some crayons are colours.**

**Conclusions :**

**I. Some paints being colour is a possibility.**

**II All colours are crayons.**

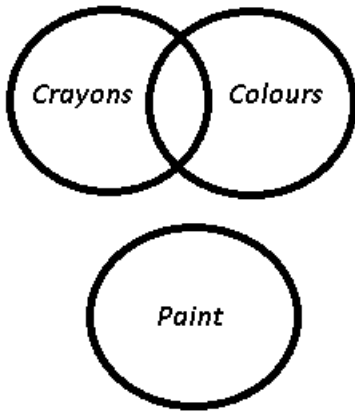
- A** if only conclusion I follows.
- B** if only conclusion II follows.
- C** if either conclusion I or conclusion II follows.
- D** if neither conclusion I nor conclusion II follows.
- E** if both conclusion I and conclusion II follow.

**Answer:** A

**Explanation:**

The venn diagram for above statements is :





Conclusions :

I. Some paints being colour is a possibility = true

II All colours are crayons = false

Thus, only conclusion I follows.

=> Ans - (A)

**Question 132**

**Statements :**

**All games are victories.**

**No game is trophy.**

**Conclusions :**

**I. No victory is trophy.**

**II. At least some victories are trophies.**

**A** if only conclusion I follows.

**B** if only conclusion II follows.

**C** if either conclusion I or conclusion II follows.

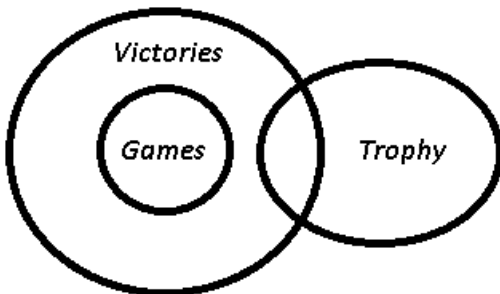
**D** if neither conclusion I nor conclusion II follows.

**E** if both conclusion I and conclusion II follow.

**Answer:** C

**Explanation:**

The venn diagram for above statements is :



Conclusions :

I. No victory is trophy = may or may not be true

II. At least some victories are trophies = may or may not be true

Thus, either conclusion I or conclusion II follows.

=> Ans - (C)

**Question 133**

**Statements :**

**All chairs are tables.**

**All tables are boards.**

**Conclusions :**

**I. All chairs are boards.**

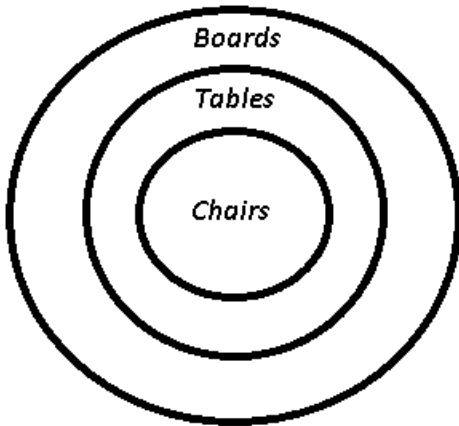
**II. All boards are tables.**

- A** if only conclusion I follows.
- B** if only conclusion II follows.
- C** if either conclusion I or conclusion II follows.
- D** if neither conclusion I nor conclusion II follows.
- E** if both conclusion I and conclusion II follow.

**Answer: A**

**Explanation:**

The venn diagram for above statements is :



Conclusions :

I. All chairs are boards = true

II. All boards are tables = false

Thus, only conclusion I follows.

=> Ans - (A)

**Question 134**

**Statements :**

**Some spoons are forks.**

**Some forks are knives.**

**Conclusions :**

**I. At least some knives are spoons.**

**II. At least some forks are spoons.**

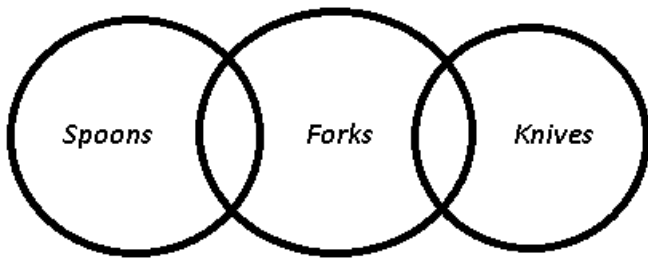
- A** if only conclusion I follows.
- B** if only conclusion II follows.
- C** if either conclusion I or conclusion II follows.

- D if neither conclusion I nor conclusion II follows.
- E if both conclusion I and conclusion II follow.

**Answer: B**

**Explanation:**

The venn diagram for above statements is :



Conclusions :

- I. At least some knives are spoons = may or may not be true
- II. At least some forks are spoons = true

Thus, only conclusion II follows.

=> Ans - (B)

**Question 135**

**Statements :**

- All days are weeks.
- Some weeks are months.

**Conclusions :**

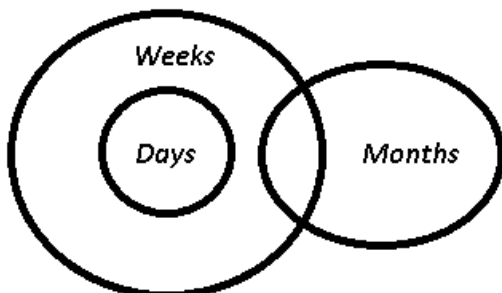
- I. At least some months are days.
- II. No month is a day.

- A if only conclusion I follows.
- B if only conclusion II follows.
- C if either conclusion I or conclusion II follows.
- D if neither conclusion I nor conclusion II follows.
- E if both conclusion I and conclusion II follow.

**Answer: C**

**Explanation:**

The venn diagram for above statements is :



Conclusions :

- I. At least some months are days = may or may not be true
- II. No month is a day = may or may not be true

Thus, either conclusion I or conclusion II follows.

=> Ans - (C)

## Instructions

Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and -

Give answer a: if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.

Give answer b: if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

Give answer c: if the data either in Statement I alone or in Statement II alone are sufficient to answer the question.

Give answer d: if the data even in both Statements I and II together are not sufficient to answer the question.

Give answer e: if the data in both Statements I and II together are necessary to answer the question.

### Question 136

**What is the position of point F with respect to point I ?**

**I. Point G is 5 km east of point F. Point S is 5 km north of point G. Point H is the mid point of points G and S. Point I is to the south of point H in such a manner that point G is the mid-point of points H and I.**

**II. Point A is 10 km east of point F. Point B is 5 km south of point A. Point H is the midpoint of points A and B. Point I is 5 km south of point H. Point I is to the east of point L at a distance of 5 km.**

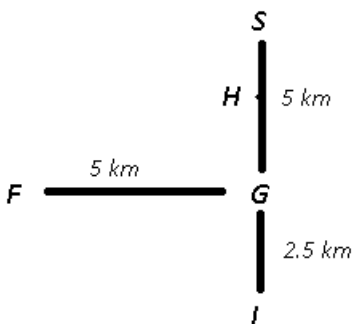
- A** if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
- B** if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- C** if the data either in Statement I alone or in Statement II alone are sufficient to answer the question.
- D** if the data even in both Statements I and II together are not sufficient to answer the question.
- E** if the data in both Statements I and II together are necessary to answer the question.

**Answer: C**

### Explanation:

I : Point G is 5 km east of point F. Point S is 5 km north of point G. Point H is the mid point of points G and S,  $\Rightarrow$  H is to the north of G at a distance of 2.5 km.

Point I is to the south of point H in such a manner that point G is the mid-point of points H and I,  $\Rightarrow$  HI = 5 km.

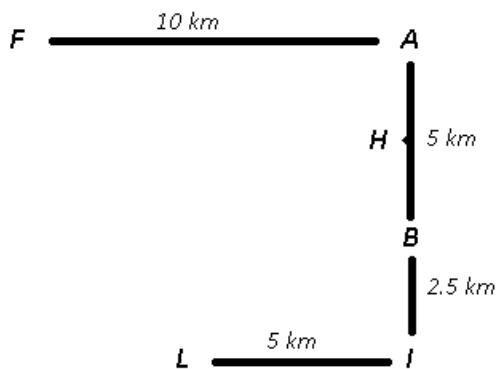


Thus, F is to the north-west of point I.

Thus, statement I alone is sufficient.

II : Point A is 10 km east of point F. Point B is 5 km south of point A. Point H is the midpoint of points A and B,  $\Rightarrow$  H is 2.5 km to the south of A.

Point I is 5 km south of point H,  $\Rightarrow$  Point B is between H and I.



Thus, F is to the north-west of point I.

Thus, statement I alone is sufficient.

∴ **Either statement I or II alone is sufficient.**

⇒ Ans - (C)

### Question 137

**On which day of a week Lalita did her reservation for the journey ?**

**I. The husband of Lalita correctly remembers that she has done reservation after Monday but before Sunday. However, it is almost certain that she did not made her reservation on Wednesday.**

**II. The daughter of Lalita correctly remembers that her mother has done her reservation after Tuesday but before Saturday. Since her mother was busy on Thursday so she did not make her reservation on Thursday.**

- A** if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
- B** if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- C** if the data either in Statement I alone or in Statement II alone are sufficient to answer the question.
- D** if the data even in both Statements I and II together are not sufficient to answer the question.
- E** if the data in both Statements I and II together are necessary to answer the question.

**Answer: E**

### Explanation:

I : The possible days in which Lalita did her reservation are = Tuesday, Thursday, Friday, Saturday

II : The possible days in which Lalita did her reservation are = Wednesday, Friday

Clearly, either statement alone is insufficient, thus from both the statements, common day = Friday

Thus, Lalita did her reservation on Friday.

∴ Both statements together are sufficient.

⇒ Ans - (E)

### Question 138

**Seven persons - P, Q, R, S, T, U and V are standing in a straight line facing towards north. Find the position of S from the right end.**

**I. P is standing on any of the extreme ends of the line. There are two persons between P and R. There are two persons between R and Q. U is not standing to the immediate left of R.**

**II. R is standing exactly at the centre. T is standing exactly between R and V. There is only one person between T and U. S is standing to the immediate right of U.**

- A** if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
- B** if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- C** if the data either in Statement I alone or in Statement II alone are sufficient to answer the question.
- D** if the data even in both Statements I and II together are not sufficient to answer the question.
- E** if the data in both Statements I and II together are necessary to answer the question.

**Answer: B**

**Explanation:**

I : P is standing on any of the extreme ends of the line. There are two persons between P and R, => R is standing at the centre.

There are two persons between R and Q, => Q is standing at the other extreme end.

U is not standing to the immediate left of R.

Arrangement : P/Q \_\_ R \_\_ Q/P

Thus, it is not sufficient.

II : R is standing exactly at the centre. T is standing exactly between R and V, => let T stand to the immediate left of R and V stands 2nd from left end.

There is only one person between T and U, => U stands to the immediate right of R.

S is standing to the immediate right of U, => S is standing 2nd from right end.

Arrangement : \_ V T R U S \_

Thus, S is standing 2nd from right end.

**∴ Statement II alone is sufficient.**

=> Ans - (B)

**Question 139**

**How are N and D related ?**

**I. A is the sister of D.**

**II. D is the mother of R who is the only son of N.**

- A** if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
- B** if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- C** if the data either in Statement I alone or in Statement II alone are sufficient to answer the question.
- D** if the data even in both Statements I and II together are not sufficient to answer the question.
- E** if the data in both Statements I and II together are necessary to answer the question.

**Answer: B**

**Explanation:**

Clearly, statement I alone is insufficient as N is not mentioned in the first statement.

In the second statement, it is given that D is the mother of R and R is the only son of N.

=> N is the father of R.

Thus, N is the husband of D.

∴ Statement II alone is sufficient.

⇒ Ans - (B)

#### Question 140

**Who amongst Ronak, Sanjay, Anish and Rohan is the tallest ?**

**I. Ronak is as tall as Sanjay.**

**II. Anish is taller than Rohan.**

- A** if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
- B** if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- C** if the data either in Statement I alone or in Statement II alone are sufficient to answer the question.
- D** if the data even in both Statements I and II together are not sufficient to answer the question.
- E** if the data in both Statements I and II together are necessary to answer the question.

**Answer:** D

#### Explanation:

Clearly, in each statement alone, data of only 2 people is given, thus either statement alone is insufficient to find the tallest person.

Combining both statements, we get : Ronak = Sanjay

and Anish > Rohan

Still, we can't find the tallest person in the group.

∴ Both statements even together are insufficient.

⇒ Ans - (D)

#### Instructions

Study the following information carefully and answer the questions given below :

Ten people are sitting in two parallel rows containing five people each, in such a way that there is an equal distance between adjacent people. In Row- 1, Q, R, S, T and U are seated and all of them are facing north. In Row - 2, L, M, N, O and P are seated and all of them are facing south. Therefore in the given sitting arrangement each member seated in a row faces another member of the other row. S is sitting second to the left of R. R is not sitting at any of the ends of the line. There are two persons between P and L. The person who faces T is to the immediate left of M. M is sitting at the extreme right end. R is an immediate neighbour of U. The person who faces U is an immediate neighbour of both P and N.

#### Question 141

**Who among the following is sitting second to the right of O?**

- A** P
- B** M
- C** L
- D** Cannot be determined
- E** None of these

**Answer:** C

**Explanation:**

S is sitting second to the left of R and R is not sitting at any of the ends. From these two sentences, there are two possibilities as shown.

```

-----
_ S _ R _      S _ R _ _
Case - 1      Case - 2

```

The person who faces T is to the immediate left of M. M is sitting at the extreme right end. This implies that M should sit at the extreme right and T should be sitting beside S. Hence, Case 1 is ruled out. Now the arrangement looks like this,

```

M _ _ _ _
S T _ R _

```

R is an immediate neighbour of U. The person who faces U is an immediate neighbour of both P and N. There are two persons between P and L. The remaining position will be occupied by Q. Final arrangement will be as shown below,

```

M L N O P
S T R U Q

```

L is sitting second to the right of O. Hence, option c is the correct answer.

**Question 142**

**Who among the following sits exactly between R and S ?**

- A** T
- B** U
- C** R
- D** There is no person between R and S
- E** Cannot be determined

**Answer:** A

**Explanation:**

S is sitting second to the left of R and R is not sitting at any of the ends. From these two sentences, there are two possibilities as shown.

```

-----
_ S _ R _      S _ R _ _
Case - 1      Case - 2

```

The person who faces T is to the immediate left of M. M is sitting at the extreme right end. This implies that M should sit at the extreme right and T should be sitting beside S. Hence, Case 1 is ruled out. Now the arrangement looks like this,

```

M _ _ _ _
S T _ R _

```

R is an immediate neighbour of U. The person who faces U is an immediate neighbour of both P and N. There are two persons between P and L. The remaining position will be occupied by Q. Final arrangement will be as shown below,

```

M L N O P
S T R U Q

```

T is sitting exactly in between R and S. Hence, option A is the correct answer.



**Question 143**

**Who among the following is sitting at the extreme right end of the Row -1 ?**

- A** Q
- B** U
- C** S
- D** R
- E** Cannot be determined

**Answer:** A

**Explanation:**

S is sitting second to the left of R and R is not sitting at any of the ends. From these two sentences, there are two possibilities as shown.



The person who faces T is to the immediate left of M. M is sitting at the extreme right end. This implies that M should sit at the extreme right and T should be sitting beside S. Hence, Case 1 is ruled out. Now the arrangement looks like this,



R is an immediate neighbour of U. The person who faces U is an immediate neighbour of both P and N. There are two persons between P and L. The remaining position will be occupied by Q. Final arrangement will be as shown below,



Q is sitting to the extreme end of the row - 1. Hence, option A is the correct answer.

**Question 144**

**Which of the following statements is true regarding R ?**

- A** R is at the extreme left end of the row
- B** R is an immediate neighbour of U
- C** R is sitting second to the right of T
- D** R is sitting exactly between T and Q
- E** There two persons between R and S

**Answer:** B

**Explanation:**

S is sitting second to the left of R and R is not sitting at any of the ends. From these two sentences, there are two possibilities as shown.



The person who faces T is to the immediate left of M. M is sitting at the extreme right end. This implies that M should

sit at the extreme right and T should be sitting beside S. Hence, Case 1 is ruled out. Now the arrangement looks like this,

M \_ \_ \_ \_

S T \_ R \_

R is an immediate neighbour of U. The person who faces U is an immediate neighbour of both P and N. There are two persons between P and L. The remaining position will be occupied by Q. Final arrangement will be as shown below,

M L N O P

S T R U Q

R is an immediate neighbour of U. Hence, option B is the correct answer.

### Question 145

**Who among the following is not seated at any extreme end of Row - 1 and Row 2 ?**

**A** P

**B** S

**C** M

**D** Q

**E** O

**Answer:** E

### Explanation:

S is sitting second to the left of R and R is not sitting at any of the ends. From these two sentences, there are two possibilities as shown.

-----

\_ S \_ R \_

Case - 1

-----

S \_ R \_ \_

Case - 2

The person who faces T is to the immediate left of M. M is sitting at the extreme right end. This implies that M should sit at the extreme right and T should be sitting beside S. Hence, Case 1 is ruled out. Now the arrangement looks like this,

M \_ \_ \_ \_

S T \_ R \_

R is an immediate neighbour of U. The person who faces U is an immediate neighbour of both P and N. There are two persons between P and L. The remaining position will be occupied by Q. Final arrangement will be as shown below,

M L N O P

S T R U Q

M, P, S, Q are sitting at extreme ends. Hence option e is the correct answer.

### Instructions

Study the following information carefully and answer the questions given below:

Seven persons - A, B, C, D, E, F and G — bought different watches viz, Rado, Omni, Fast Track, Seiko, Casio, Tissot and Titan on different days of the same week from Monday to Sunday, but not necessarily in the same order.

The watch of Omni company was bought on Friday. F bought Titan watch on Tuesday. Only one watch was bought between the watches Omni and Rado. B bought Tissot watch immediately after the person who bought Casio watch.

Seiko watch was not bought after the Tissot watch. G bought watch immediately after B but before C and D. A does not buy the watch of Casio company. D does not buy the watch of Rado company.

**Question 146****Who among the following bought Seiko watch ?**

- A** D
- B** C
- C** E
- D** A
- E** None of these

**Answer:** D**Explanation:**

Omni watch was bought on Friday and Only one watch was bought between the watches Omni and Rado, => Rado watch was bought on Sunday.

F bought Titan watch on Tuesday.

B bought Tissot watch immediately after the person who bought Casio watch, => Cassio watch was bought on Wednesday and Tissot was bought on Thursday by B.

Seiko watch was not bought after the Tissot watch, => Seiko was bought on Monday.

G bought watch immediately after B but before C and D, => G bought watch on Friday.

D does not buy the watch of Rado company, => D bought watch on Saturday and C bought Rado on Sunday.

Days	Person	Watch
Monday	A	Seiko
Tuesday	F	Titan
Wednesday	E	Casio
Thursday	B	Tissot
Friday	G	Omni
Saturday	D	Fast Track
Sunday	C	Rado

Clearly, A bought Seiko watch.

=> Ans - (D)

**Question 147****On which of the following days of the week D bought a watch ?**

- A** Saturday
- B** Sunday
- C** Thursday
- D** Friday
- E** None of these

**Answer:** A**Explanation:**

Omni watch was bought on Friday and Only one watch was bought between the watches Omni and Rado, => Rado watch was bought on Sunday.

F bought Titan watch on Tuesday.

B bought Tissot watch immediately after the person who bought Casio watch, => Cassio watch was bought on Wednesday and Tissot was bought on Thursday by B.

Seiko watch was not bought after the Tissot watch, => Seiko was bought on Monday.

G bought watch immediately after B but before C and D, => G bought watch on Friday.

D does not buy the watch of Rado company, => D bought watch on Saturday and C bought Rado on Sunday.

Days	Person	Watch
Monday	A	Seiko
Tuesday	F	Titan
Wednesday	E	Casio
Thursday	B	Tissot
Friday	G	Omni
Saturday	D	Fast Track
Sunday	C	Rado

D bought the watch on Saturday.

=> Ans - (A)

### Question 148

Who among the following did buy Casio watch ?

- A G
- B E
- C D
- D C
- E None of these

**Answer:** B

### Explanation:

Omni watch was bought on Friday and Only one watch was bought between the watches Omni and Rado,

=> Rado watch was bought on Sunday.

F bought Titan watch on Tuesday.

B bought Tissot watch immediately after the person who bought Casio watch, => Cassio watch was bought on Wednesday and Tissot was bought on Thursday by B.

Seiko watch was not bought after the Tissot watch, => Seiko was bought on Monday.

G bought watch immediately after B but before C and D, => G bought watch on Friday.

D does not buy the watch of Rado company, => D bought watch on Saturday and C bought Rado on Sunday.

Days	Person	Watch
Monday	A	Seiko
Tuesday	F	Titan
Wednesday	E	Casio
Thursday	B	Tissot
Friday	G	Omni
Saturday	D	Fast Track
Sunday	C	Rado

Clearly, E bought Casio watch.

=> Ans - (B)

### Question 149

Who among the following did buy Omni watch on Friday ?

- A C
- B D
- C G
- D E
- E None of these

**Answer:** C

#### Explanation:

Omni watch was bought on Friday and Only one watch was bought between the watches Omni and Rado, => Rado watch was bought on Sunday.

F bought Titan watch on Tuesday.

B bought Tissot watch immediately after the person who bought Casio watch, => Cassio watch was bought on Wednesday and Tissot was bought on Thursday by B.

Seiko watch was not bought after the Tissot watch, => Seiko was bought on Monday.

G bought watch immediately after B but before C and D, => G bought watch on Friday.

D does not buy the watch of Rado company, => D bought watch on Saturday and C bought Rado on Sunday.

Days	Person	Watch
Monday	A	Seiko
Tuesday	F	Titan
Wednesday	E	Casio
Thursday	B	Tissot
Friday	G	Omni
Saturday	D	Fast Track
Sunday	C	Rado

G bought Omni watch on Friday.

=> Ans - (C)

### Question 150

Which of the following combinations of Day-Person-Watch is correct ?

- A Friday - A - Fast Track
- B Monday - E - Omni
- C Wednesday - B - Casio
- D Saturday - C - Tissot

**E** Sunday - C - Rado

**Answer:** E

**Explanation:**

Omni watch was bought on Friday and Only one watch was bought between the watches Omni and Rado,  
=> Rado watch was bought on Sunday.

F bought Titan watch on Tuesday.

B bought Tissot watch immediately after the person who bought Casio watch, => Cassio watch was bought on Wednesday and Tissot was bought on Thursday by B.

Seiko watch was not bought after the Tissot watch, => Seiko was bought on Monday.

G bought watch immediately after B but before C and D, => G bought watch on Friday.

D does not buy the watch of Rado company, => D bought watch on Saturday and C bought Rado on Sunday.

Days	Person	Watch
Monday	A	Seiko
Tuesday	F	Titan
Wednesday	E	Casio
Thursday	B	Tissot
Friday	G	Omni
Saturday	D	Fast Track
Sunday	C	Rado

The only correct combination is that C bought Rado watch on Sunday.

=> Ans - (E)

**Instructions**

Study the following information carefully and answer the questions given below :

Eight persons — E, F, G, H, I, J, K and L — are sitting around a circle at equidistance but not necessarily in the same order. Some of them are facing towards the centre while some others are facing outside the centre. L is sitting third to the left of K. Both K and L are facing towards the outside. H is not an immediate neighbour of K or L. J faces the just opposite direction of H. (It implies that if H is facing towards the centre, J would face outside the centre). J is sitting second to the left of H. Both the immediate neighbours of G face just opposite direction of G. E is an immediate neighbour of K. Both the immediate neighbours of H face just opposite direction of H. E faces towards the centre and he is an immediate neighbour of both K and I. I faces towards the centre.

**Question 151**

**Who amongst the following are not facing towards the centre ?**

- A** E, F and I
- B** F, G and J
- C** H, K and L
- D** G, I and J
- E** None of these

**Answer:** C

**Explanation:**

Q. No . 31 - 35

### Question 152

What is the position of G with respect to E ?

- A Second to the left
- B Third to the right
- C Fourth to the left
- D Second to the right
- E Fifth to the right

**Answer:** B

#### Explanation:

L is sitting third to the left of K and both K and L are facing towards the outside.

E faces towards the centre and he is an immediate neighbour of both K and I, => Let E is to the immediate right of K and I who faces towards the centre is between L and E.

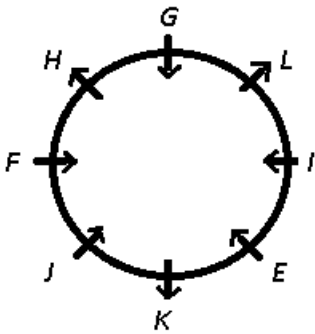
H is not an immediate neighbour of K or L, => H is second to the left of L.

J is sitting second to the left of H, => H faces outside and J is sitting to the immediate right of K.

J faces the just opposite direction of H, => J faces towards the centre.

Both the immediate neighbours of G face just opposite direction of G, => G is sitting between H and L and is facing inside.

Both the immediate neighbours of H face just opposite direction of H, => F sits between H and J and faces towards the centre.



G is sitting 3rd to the right of E.

=> Ans - (B)

### Question 153

Who among the following is sitting exactly between F and K?

- A J
- B I
- C E
- D G
- E None of these

**Answer:** A

#### Explanation:

L is sitting third to the left of K and both K and L are facing towards the outside.

E faces towards the centre and he is an immediate neighbour of both K and I, => Let E is to the immediate right of K and I who faces towards the centre is between L and E.

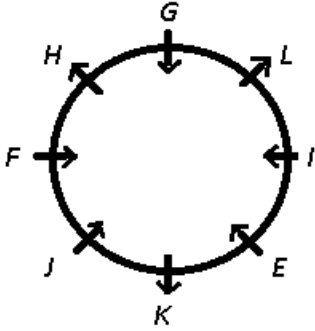
H is not an immediate neighbour of K or L, => H is second to the left of L.

J is sitting second to the left of H, => H faces outside and J is sitting to the immediate right of K.

J faces the just opposite direction of H, => J faces towards the centre.

Both the immediate neighbours of G face just opposite direction of G, => G is sitting between H and L and is facing inside.

Both the immediate neighbours of H face just opposite direction of H, => F sits between H and J and faces towards the centre.



J is sitting exactly between F and K

=> Ans - (A)

#### Question 154

**How many persons are sitting between H and K if we move clockwise starting from H ?**

- A Three
- B Four
- C Five
- D Two
- E One

**Answer:** B

#### Explanation:

L is sitting third to the left of K and both K and L are facing towards the outside.

E faces towards the centre and he is an immediate neighbour of both K and I, => Let E is to the immediate right of K and I who faces towards the centre is between L and E.

H is not an immediate neighbour of K or L, => H is second to the left of L.

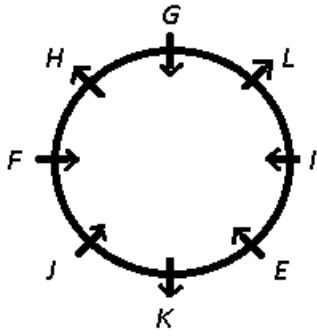
J is sitting second to the left of H, => H faces outside and J is sitting to the immediate right of K.

J faces the just opposite direction of H, => J faces towards the centre.

Both the immediate neighbours of G face just opposite direction of G, => G is sitting between H and L and is facing inside.

Both the immediate neighbours of H face just opposite direction of H, => F sits between H and J and faces towards the centre.





If we move clockwise starting from H, there are 4 people sitting between H and K.

=> Ans - (B)

**Question 155**

**Which of the following statements is NOT TRUE regarding the given sitting arrangement ?**

- A L is sitting exactly between G and I
- B H is sitting third to the right of K
- C F and I are sitting just opposite to each other
- D E is sitting third to the left of G
- E All are true

**Answer: E**

**Explanation:**

L is sitting third to the left of K and both K and L are facing towards the outside.

E faces towards the centre and he is an immediate neighbour of both K and I, => Let E is to the immediate right of K and I who faces towards the centre is between L and E.

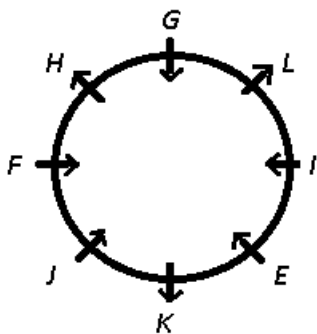
H is not an immediate neighbour of K or L, => H is second to the left of L.

J is sitting second to the left of H, => H faces outside and J is sitting to the immediate right of K.

J faces the just opposite direction of H, => J faces towards the centre.

Both the immediate neighbours of G face just opposite direction of G, => G is sitting between H and L and is facing inside.

Both the immediate neighbours of H face just opposite direction of H, => F sits between H and J and faces towards the centre.



According to the sitting arrangement, all the statements are true.

=> Ans - (E)

## Instructions

Study the following information carefully and answer the questions given below :

In a certain code language, "exercise for your health" is written as "ja ka na se"

"health and exercise must" is written as "ka se re tu"

"must to exercise regularly" is written as "az ka dk tu"

"to your good life" is written as "mo ja fu az"

### Question 156

Which of the following may represent "exercise regularly good for health" ?

- A ja mo re dk az
- B fu ja re tu dk
- C ka se mo na dk
- D ka re az tu se
- E na se tu az dk

**Answer:** C

### Explanation:

The common word in the first and third statements is 'exercise' coded as = 'ka'

Now, from the first two statements, code for 'health' = 'se'

The common word in the first and last statements is 'your' coded as = 'ja'

=> The only word left in 1st statement is 'for' coded as = 'na'

Also, from second and third statements, common word apart from exercise is 'must' coded as = 'tu'

=> In 2nd statement, code for 'and' is = 're'

The common word in the last two statements is 'to' coded as = 'az'

=> In 3rd statement, word left is 'regularly' coded as = dk'

In the 4th statement, codes for 'good' or 'life' are = either 'mo' or 'fu'

Thus, code for "exercise regularly good for health" = **ka se mo na dk**

=> Ans - (C)

### Question 157

What is the code for "life" ?

- A mo
- B fu
- C ja
- D az
- E Either mo or fu

**Answer:** E

### Explanation:

The common word in the first and third statements is 'exercise' coded as = 'ka'

Now, from the first two statements, code for 'health' = 'se'

The common word in the first and last statements is 'your' coded as = 'ja'

=> The only word left in 1st statement is 'for' coded as = 'na'

Also, from second and third statements, common word apart from exercise is 'must' coded as = 'tu'

=> In 2nd statement, code for 'and' is = 're'

The common word in the last two statements is 'to' coded as = 'az'

=> In 3rd statement, word left is 'regularly' coded as = dk'

In the 4th statement, codes for 'good' or 'life' are = either 'mo' or 'fu'

Thus, the code for "life" = either '**mo**' or '**fu**'

=> Ans - (E)

### Question 158

**What is the code for "must exercise" ?**

**A** tu se

**B** ka tu

**C** ka as

**D** fu tu

**E** na ka

**Answer:** B

### Explanation:

The common word in the first and third statements is 'exercise' coded as = 'ka'

Now, from the first two statements, code for 'health' = 'se'

The common word in the first and last statements is 'your' coded as = 'ja'

=> The only word left in 1st statement is 'for' coded as = 'na'

Also, from second and third statements, common word apart from exercise is 'must' coded as = 'tu'

=> In 2nd statement, code for 'and' is = 're'

The common word in the last two statements is 'to' coded as = 'az'

=> In 3rd statement, word left is 'regularly' coded as = dk'

In the 4th statement, codes for 'good' or 'life' are = either 'mo' or 'fu'

Thus, the code for "must exercise" = **ka tu**

=> Ans - (B)

### Instructions

For the following questions answer them individually

### Question 159

**Many organizations have been resorting to recruitment based upon performance at graduate/post-graduate level exams rather than conducting exams for the same purpose.**

**Which of the following statements would strengthen the argument given in the above statement ?**

**A** A recent study shows no link of past performance with the performance in recruitment exams.

**B** The graduate/post-graduate exams are considered to be severely deficient in training in job related environment.

- C** Organisations which had undertaken recruitment on the basis of graduate/post graduate exams report a significant drop in the quality of the recruited employees.
- D** Such policies would add to unemployment among students having below average performance in graduation or post-graduation.
- E** Such policies could save time, money and resources of the organisation which are wasted in the conduct of recruitment examinations.

**Answer: E**

### Question 160

**Read the following information carefully and answer the question which follows.**

**'Parents should make strong efforts to curtail the extreme fad for fashion from their children's minds,' A research report. Which of the following would weaken the argument presented in the report most appropriately ?**

- A** Excessive craze of fashion is detrimental to development of a youngster's personality.
- B** Following fashion is not harmful but only till it is done to certain reasonable limits.
- C** More fashionable the person, greater are his/her chances to succeed in life.
- D** Fashion takes away the time spent in constructive activities by the youngsters.
- E** Many schools and colleges have uniforms for their students so as to discourage the craze of fashion amongst them.

**Answer: C**

## General Awareness

### Instructions

For the following questions answer them individually

### Question 161

**. Which of the following is the most liquid money?**

- A** M1
- B** M2
- C** Securities
- D** M3
- E** Call money

**Answer: A**

### Question 162

**Which film won the Best Hindi Film Award at the 61st National Film Awards?**

- A Jolly LLB
- B Bhag Milkha Bhag
- C Gulaab Gang
- D Ship Of Theseus
- E Shahid

**Answer:** A

**Question 163**

**In the Union Budget 2014-14, Finance Minister Arun Jaitley announced the proposal to start a new television channel exclusively dedicated to farmers. What is the name of the channel?**

- A Khet
- B Jameen
- C Kisan
- D Krishi
- E None of these

**Answer:** C

**Question 164**

**Who among the following is the Union Minister for Tribal Affairs?**

- A Jual Oram
- B Narendra Singh Tomar
- C Radha Mohan Singh
- D Kalraj Mishra
- E Ananth Kumar

**Answer:** A

**Question 165**

**Which of the following can issue commercial paper for raising short term funds?**

- A Corporates
- B Primary dealers
- C All-India Financial Institutions
- D Both 2 and 3
- E All of the above

**Answer:** E

**Question 166**

**Japan International Cooperation Agency (JICA) recently announced to provide 16,279 million yen (around Rs.960 crore) for the development of a water supply project in**

- A** Kolkata
- B** Nagpur
- C** Hyderabad
- D** Agra
- E** Guwahati

**Answer: D**

**Question 167**

**What is the currency of Japan?**

- A** Yuan
- B** Tanka
- C** Yen
- D** Ringgit
- E** Bahat

**Answer: C**

**Question 168**

**Section 80E of the Income Tax Act provides for deduction of interest paid on Education or Study loan taken for higher education. Deduction under Section 80E is available for**

- A** 2 years
- B** 4 years
- C** 5 years
- D** 8 years
- E** 10 years

**Answer: D**

**Question 169**

**Which former Indian cricket captain was recently included as a member of the Laureus Sports Academy?**

- A** Sachin Tendulkar
- B** Rahul Dravid
- C** Sunil Gavaskar
- D** Saurabh Ganguly

**E** Ravi Shastri

**Answer:** B

**Question 170**

**Nanda Devi Raj Jaat Yatra, also called the 'Himalayan Kumbh,' takes place every year(s).**

**A** 2 years

**B** 5 years

**C** 10 years

**D** 12 years

**E** 18 years

**Answer:** D

**Question 171**

**In which of the following ships of the Indian Navy is/are the anti-ship Harpoon Missiles used?**

**A** INS Sind hurakshak

**B** Shishumar class submarine

**C** INS Kamorta

**D** INS Vikramaditya

**E** All of these

**Answer:** B

**Question 172**

**In which country was the Malaysian airplane MI-I-17 shot down recently causing death of 298 people onboard?**

**A** Ukraine

**B** Russia

**C** Belarus

**D** Turkey

**E** Poland

**Answer:** A

**Question 173**

**In which two Indian cities did Wal-Mart recently start its online wholesal platform?**

**A** New Delhi and Kanpur

**B** Mumbai and Ahmadabad

**C** Hyderabad and Lucknow

- D** Kolkata and Ranchi
- E** Bangalore and Jaipur

**Answer:** C

**Question 174**

**When is the International Justice Day celebrated?**

- A** 5 March
- B** 2 May
- C** 11 June
- D** 17 July
- E** 7 August

**Answer:** D

**Question 175**

**Alterations, if any, on cheques are required to be authenticated by the signature of**

- A** Payee
- B** Depositor
- C** Drawer
- D** Endorsee
- E** All of the above

**Answer:** C

**Question 176**

**What is the purpose of KYC in banking?**

- A** It is used for customer identification
- B** It is used for increasing the CRR of banks
- C** It is used against money laundering
- D** It is used by the central bank to control liquidity
- E** Both 1 and 3

**Answer:** E

**Question 177**

**Which of the following types of cards is free from credit risk?**



- A Credit Card
- B Debit Card
- C Prepaid cards
- D Charge Cards
- E Both 3 and 4

**Answer:** B

**Question 178**

**Which of the following banks is/are not associated with State Bank of India?**

- A State Bank of Patiala
- B State Bank of Hyderabad
- C State Bank of Allahabad
- D State Bank of Travancore
- E State Bank of Bikaner & Jaipur

**Answer:** C

**Question 179**

**Which technology is used in the measurement the distance of remote objects?**

- A Photogrammetry
- B LIDAR
- C Seismology
- D Both 1 and 2
- E All of the above

**Answer:** B

**Question 180**

**Money lent for one day is known as**

- A Instant Money
- B Call Money
- C Easy Money
- D Notice Money
- E Daily Money

**Answer: B**

**Question 181**

**Which of the following is an odd item?**

- A** Issued Capital
- B** Authorized Capital
- C** Subscribed Capital
- D** Paid up Capital
- E** None of these

**Answer: E**

**Question 182**

**With which of the following games/sports is Jones Cup related?**

- A** Golf
- B** Basketball
- C** Rugby
- D** Chess
- E** Baseball

**Answer: B**

**Question 183**

**In the recent rail fare hike effected by the Union Government, what was the amount of hike in percentage terms?**

- A** 6.5 %
- B** 9.4 %
- C** 14.2 %
- D** 18.6%
- E** 23.3 %

**Answer: C**

**Question 184**

**Which of the following is the example of plastic money?**

- A** Debit Card
- B** Securities
- C** Call money

- D Insurance policies
- E Both 2 and 3

**Answer:** A

**Question 185**

**Who among the following has authored 'Revolution 2020'?**

- A Vikram Seth
- B Kunwar Natwar Singh
- C Jeet Thayil
- D Chetan Bhagat
- E Jhumpa Lahiri

**Answer:** D

**Question 186**

**Which of the following is a unit of length in the old imperial and the U.S. customary systems, used especially for measuring the depth of water?**

- A Nautical Mile
- B Fathom
- C Yards
- D Cable length
- E Feet

**Answer:** B

**Question 187**

**What is the term for loans provided to study abroad?**

- A Mortgage
- B Educational loan
- C Higher Learning Loan
- D Masters Loan
- E None of these

**Answer:** B

**Question 188**

**Inflation refers to a fall in the value of money. Which of the following is the key measure of inflation in India?**

- A** Consumer Price Index
- B** Wholesale Price Index
- C** Personal Consumption Expenditures Price Index
- D** GDP Deflator
- E** All of the above

**Answer:** A

#### **Question 189**

**Which of the following terms is most commonly used to express a general trend of rise in a broad price index?**

- A** Devaluation
- B** Inflation
- C** Depreciation
- D** Stagflation
- E** None of these

**Answer:** B

#### **Question 190**

**Which of the following types of economy is an example of sustainable economy?**

- A** Capitalist economy
- B** Mixed economy
- C** Socialist economy
- D** Traditional economy
- E** None of these

**Answer:** D

#### **Question 191**

**Which of the following banks recently got the government permission for its Rs.9,576 - crore capital - raising plan?**

- A** State Bank of India
- B** Bank of Baroda
- C** Punjab National Bank
- D** ICICI Bank
- E** None of these

**Answer: A**

**Question 192**

**By what date will every adult citizen of India hold a savings account as per the report of Nachiket Mor Committee?**

- A** 31 December 2014
- B** 31 March 2015
- C** 2 October 2015
- D** 1 January 2016
- E** 1 April 2016

**Answer: D**

**Question 193**

**A financial contract that derives its value from another asset or an index of asset values is known as**

- A** Insurance policy
- B** Security
- C** Derivative
- D** Share
- E** None of these

**Answer: C**

**Question 194**

**What is the term for the networking of branches that enables customers to operate their accounts, and avail banking services from any branch of the Bank?**

- A** Online banking
- B** E-banking
- C** Digital banking
- D** Core Banking Solution
- E** None of these

**Answer: D**

**Question 195**

**What kinds of services are available free in the 'Basic Savings Bank Deposit Account'?**

- A Deposit and withdrawal of cash
- B Receipt of money through electronic payment
- C Credit of money through electronic payment
- D Both 2 and 2
- E All of the above

**Answer:** E

#### **Question 196**

**In the field of banking, what does ADF stand for?**

- A Additional Dearness Allowance
- B Automated Data Flow
- C Additional Deposit Assistance
- D Automated deposit Allowance
- E None of these

**Answer:** B

#### **Question 197**

**Under which act is the Reserve Bank of India is responsible for regulating and supervising the Non-Banking Financial Companies?**

- A Industrial Disputes (Banking and Insurance Companies) Act, 1949
- B Banking Regulation Act, 1949
- C Reserve Bank of India Act, 1934
- D Banker's Book Evidence Act, 1891
- E None of these

**Answer:** C

#### **Question 198**

**Which of the following is/are examples of Foreign Currency Cheques?**

- A Cheques denominated in Euro
- B Cheques denominated in Pound Sterling
- C Cheques denominated in US Dollar
- D Cheques denominated in Yen
- E All of the above

**Answer:** E

**Question 199**

**What does CRAR stand for?**

- A** Capital Restructure Asset Ratio
- B** Credit Restructure Adequacy Ratio
- C** Capital to Risk (Weighted) Assets Ratio
- D** Credit Risk Asset Ratio
- E** None of these

**Answer:** C

**Question 200**

**Maximum timeframe for collection of cheques drawn on state capitals is**

- A** 1 day
- B** 3 days
- C** 7 days
- D** 10 days
- E** 14 days

**Answer:** C

**Explanation:**

ENGLISH LANGUAGE

