

## Directions of Test

Test Name	Bull Placement Deloitte 02	Total Questions	75	Total Time	95 Mins
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Section Name	No. of Questions	Time limit	Marks per Question	Negative Marking
Quantitative Ability	25	0:35(h:m)	1	0
Analytical & Logical Reasoning	25	0:35(h:m)	1	0
Verbal Ability	25	0:25(h:m)	1	0

## Section : Quantitative Ability

**DIRECTIONS:** Solve the following question and mark the best possible option

## ✓ Question No. : 1

If two pipes function simultaneously, a reservoir can be filled in 12 hours. Also, the first pipe can fill the reservoir 10 hours faster than the second. How many hours will the second pipe take to fill the reservoir?

- ✓ A) 30 hours   B) 24 hours   C) 20 hours   D) 15 hours

Let the second pipe takes  $x$  hours and the first pipe takes  $x - 10$  hours, We have

$$\begin{aligned}\frac{1}{x} + \frac{1}{x-10} &= \frac{1}{12} \\ \Rightarrow \frac{x-10+x}{x(x-10)} &= \frac{1}{12} \\ \Rightarrow \frac{2x-10}{x(x-10)} &= \frac{1}{12} \\ \Rightarrow 24x-120 &= x^2-10x \\ \Rightarrow x^2-34x+120 &= 0 \\ \Rightarrow x^2-30x-4x+120 &= 0 \\ \Rightarrow x(x-30)-4(x-30) &= 0 \\ \Rightarrow (x-30)(x-4) &= 0 \\ \Rightarrow x &= 30, 4\end{aligned}$$

But  $x$  cannot be 4 as in that case  $x - 10$  will be negative. Hence  $x = 30$

So the second pipe takes 30 hours

**Explanation:-**

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

## ✓ Question No. : 2

Dinesh can do a piece of work in 15 days, Harish can do it in 12 days. Dinesh, Harish and Subodh can together do it in 4 days. In how many days can Subodh alone do this work?

- A) 12   B) 15   ✓ C) 10   D) 8

**Explanation:-**

Dinesh can do the work in 15 days and Harish can do it in 12 days. Let Subodh can do the work in ' $x$ ' days. Since the work

completes in 4 days, we have  $\frac{1}{12} + \frac{1}{15} + \frac{1}{x} = \frac{1}{4} \Rightarrow \frac{1}{x} = \frac{1}{4} - \frac{1}{12} - \frac{1}{15} \Rightarrow \frac{1}{x} = \frac{1}{10} \Rightarrow x = 10$  days.

Hence Subodh can do the work in 10 days.



**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

✓ **Question No. : 3**

39 persons can repair a road in 12 days, working 5 hours a day. In how many days will 30 persons, working 6 hours a day, complete the work?

- A) 10 days    ✓B) 13 days    C) 14 days    D) 15 days

**Explanation:-**

Let the required number of days be x.

Less persons, More days (Indirect Proportion)

More working hours per day, Less days (Indirect Proportion)

$$\therefore 30 \times 6 \times x = 39 \times 5 \times 12$$

$$\Rightarrow x = (39 \times 5 \times 12) / (30 \times 6)$$

$$\Rightarrow x = 13.$$

Hence right option is B.

**DIRECTIONS for the question:** Mark the best option.

✓ **Question No. : 4**

MCD started killing the stray dogs which initially numbered 875. As a result the number of dogs started decreasing at 20% per month. After how many months will the number of dogs be 448?

- A) 6 months    B) 4 months    ✓C) 3 months    D) 2 months

**Explanation:-**

Since the number of dogs are decreasing at a constant rate, therefore

$$448 = 875 \times \left(1 - \frac{20}{100}\right)^T$$

$$\Rightarrow \frac{448}{875} = \left(\frac{80}{100}\right)^T = \left(\frac{4}{5}\right)^T$$

$$\Rightarrow \frac{4 \times 4 \times 4 \times 7}{5 \times 5 \times 5 \times 7} = \left(\frac{4}{5}\right)^T$$

$$\Rightarrow T = 3 \text{ months.}$$

Hence C option.

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

✓ **Question No. : 5**

A village has 2000 people out of which 1100 are male and 900 female. The overall literacy rate is 95%, while only 3 % male are not literate. What percentage of the female population is literate?

- ✓A) 92.55%    B) 93.65%    C) 94%    D) None of the above

**Explanation:-**

Here Males in the village = 1100. Since 3% males are not literate, so the number of males who are literate = 97% of 1100 = 1067.

Now overall literacy rate of the village = 95% of 2000 = 1900.

So, number of literate females = 1900 – 1067 = 833.

$$\text{Hence required \%age} = \frac{833}{900} \times 100 = 92.55\%.$$



**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 6**

In a village, a survey found that 25% of the people were keeping normal health and of the remaining 75% people, 50,000 people were suffering from TB & 40,000 people from hypertension and 15,000 from both TB and hypertension. No other ailments were present. What is the population of the village (in lakhs)?

- A) 0.75   B) 2.0   C) 1.5   ☒ D) 1

**Explanation:-**

75% of the total population consists of:

50000 people suffering of TB, 40000 suffering from hypertension and 15000 TB and Hypertension both. So the population of unhealthy people is  $50000 + 40000 - 15000 = 75000$ . Since  $75000 = 75\%$  of total population, so total population = 100000. So, the correct answer is option D.

**DIRECTION for the question:** Answer the following question as per the best of your judgement.

**Question No. : 7**

In a certain water body, 50 fish were caught, tagged, and released to the same water body. A few days later, 50 fish were caught again, of which 2 were found to have been tagged on previous occasion. If the percent of tagged fish in the second catch approximates the percent of tagged fish in the water body, what is the approximate number of fish in the water body?

- A) 10,000   B) 625   ☒ C) 1,250   D) 2,500

**Explanation:-**

Let the number of fish be  $x$  then:

$$\left(\frac{50 \times 100}{x}\right) = \left(\frac{48 \times 100}{x - 50}\right)$$

$$\Rightarrow \frac{50}{x} = \left(\frac{48}{x - 50}\right)$$

$$\Rightarrow x = 1250$$

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 8**

A man's income increased by Rs. 1,200 with the rate of tax being reduced from 12% to 10%. He paid the same amount of tax as before. What is his present income, if 20% of his income is exempted from tax in both the cases?

- ☒ A) Rs.7,200   B) Rs. 7,500   C) Rs.1,200   D) Rs. 6,000

**Explanation:-**

Let Income =  $x$ ;      increased income =  $x + 1200$

Tax able =  $0.8x$       Taxable =  $0.8(x + 1200)$

Income tax =  $0.12 \times 0.8x$       Income tax =  $0.1 \times 0.8(x + 1200)$   
=  $0.096x$       =  $0.08(x + 1200)$

A.T.Q  $0.096x = 0.08(x + 1200)$

$0.096x = 0.08x + 96$

$0.016x = 96$

$x = 6000$

Present Income =  $6000 + 1200 = 7200$

**DIRECTIONS for the question:** Mark the best option:

**Question No. : 9**

Five bells begin to toll together and toll respectively at intervals of 6, 7, 8, 9, and 12 seconds. How many times they will toll together in one hour, excluding the one at the start?

- A) 3   B) 5   ☒ C) 7   D) 9

**Explanation:-**

LCM of 6, 7, 8, 9, 12 = 504;      They will toll together every 504 seconds

Number of times =  $3600/504 = 7$ . Hence option C.



**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 10**

A farmer has decided to build a wire fence along one straight side of his property. For this, he planned to place several fence-posts at 6 m intervals, with posts fixed at both ends of the side. After he bought the posts and wire, he found that the number of posts he had bought was 5 less than required. However, he discovered that the number of posts he had bought would be just sufficient if he spaced them 8 m apart. What is the length of the side of his property and how many posts did he buy?

- A) 100 m, 15    B) 100 m, 16    C) 120 m, 15    ☒ D) 120 m, 16

**Explanation:-**

Since it is given that length is sufficient for 6 m and 8 m gaps so it must be a common multiple of 6 & 8 which out of choices can be 120 mts. only. Now as a concept to generate 15 gaps (=  $120/8$ ), you need 16 poles. So, answer is 4th option.

**DIRECTIONS for the question:** Answer the following question as per the best of your judgment.

**Question No. : 11**

There are N books on a shelf. If the books are divided into groups of 8, there are 3 books left over and if the books are divided into groups of 11, there is 1 book left over. If the shelf can accommodate 1000 books, how many different values can N take?

- A) 13    B) 12    C) 15    ☒ D) 11

**Explanation:-**

We can consider  $N = 8x + 3$ , where x is a natural number.

So N takes values 11, 19, 27, 35, 43, 51, 59, 67,... Also,  $N = 11y + 1$ , where y is a natural numbers. So N takes values 12, 23, 34, 45, 56, 67,....

The minimum value of N that satisfies both equations is 67.

If  $N = 8x + 3$ , the values of N increase by 8 and if  $N = 11y + 1$ , the values of N increase by 11.

So the next possible value of N will be  $67 + (8 \times 11) = 155$ .

Thus, the possible values of N are 67, 155, 243, ..., 947.

So N can take 11 values which are less than 1000.

**DIRECTIONS for the question:** Mark the best option:

**Question No. : 12**

The ratio between the rates of walking of A and B is 2 : 3 and therefore A takes 10 minutes more than the time taken by B to reach the destination. If A had walked at double the speed, he would have covered the distance in

- ☒ A) 15 minutes    B) 20 minutes    C) 25 minutes    D) 30 minutes

**Explanation:-**

Ratio of rate of walking = 2:3

Since distance is constant;

$$2 \times (t+10) = 3 \times (t)$$

$$t = 20$$

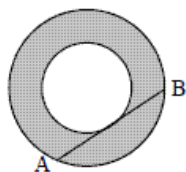
Therefore A takes 30 minutes and B takes 20 minutes ;

If A doubles the speed, A will take  $30/2 = 15$  minutes. Hence option A.

**DIRECTIONS for the question:** Answer the following question as per the best of your judgment.

**Question No. : 13**

Consider two concentric circles. Line AB is tangent to the inner circle and intersects the outer circle in points A and B. If AB is 10 cm, what is the area of the shaded region?



- A)  $10\pi$     ☒ B)  $25\pi$     C)  $40\pi$     D) Cannot be determined

**Explanation:-**

The area of the shaded region is the difference between the areas of the two circles.

Even though we do not know the radii of the two circles, we know that the square of  $\frac{1}{2}$  of AB is the difference between the squares of the two radii (Use Pythagoras theorem).

So the area of the shaded region is  $25\pi$ .

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 14**

Arvind and Mohan are 20 km apart. If they travel in opposite directions, they meet each other after half an hour. If they travel in the same direction, they meet after 2 hours. If Arvind travels faster than Mohan, his speed is

- A) 15km/hr    B) 20 km/hr    ☒ C) 25 km/hr    D) 30 km/hr

**Explanation:-**

Let the speed of Arvind is  $x$  km/hr and speed of Mohan is  $y$  km/hr. When they travel in opposite directions,

We have  $(x+y) \times \frac{1}{2} = 20 \Rightarrow x+y = 40$  .....(1)

& when they travel in same direction, we have  $(x-y) \times 2 = 20 \Rightarrow x-y = 10$  .....(2)

Adding 1 & 2 we get  $2x = 50 \Rightarrow x = 25$  km/hr

$\therefore$  Speed of Arvind is 25 km/hr

**DIRECTIONS:** Solve the following question and mark the best possible option

**Question No. : 15**

If  $\left[ x^4 + \frac{1}{x^4} \right] = 322$ , the value of  $\left[ x - \frac{1}{x} \right]$  is:

- ☒ A) 4    B) 6    C) 8    D)  $3\sqrt{2}$

**Explanation:-**

$$x^4 + 1/x^4 = 322; \quad x^4 + 1/x^4 + 2 = 324; \quad (x^2 + 1/x^2)^2 = 18^2$$

$$x^2 + 1/x^2 = 18; \quad x^2 + 1/x^2 - 2 = 18-2;$$

$$(x-1/x)^2 = 4^2; \quad (x-1/x) = 4. \text{ Hence, option A.}$$



**DIRECTIONS:** Solve the following question and mark the best possible option

**Question No. : 16**

When a plot is sold for Rs. 18,700 the owner loses 15%. At what price must the plot be sold in order to gain 15% (in Rs)?

- A) 21,000    B) 22,500    ☒ C) 25,300    D) 25,800

**Explanation:-**

Loss of 15 % = 85% of CP, Gain of 15% = 115% of CP.

$$85 : 18700 = 115 : x$$

$$\text{or } x = 18700 \times 115 / 85 = 25,300$$

Hence option C.

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 17**

A manufacturer sells a cooler to a distributor at a profit of 18%. The distributor sells the same to a retailer at a profit of 20%. The retailer, in turn sells it to a customer for Rs. 2,124 there by earning a profit of 25%. What is the cost price for the manufacturer?

- ☒ A) Rs. 1,200    B) Rs. 1,300    C) Rs. 1,400    D) Rs. 1,450

**Explanation:-**

Cost Price of Manufacturer = x

$$\text{Profit} = 18\%$$

$$\text{C.P of Distributor} = 1.18x$$

$$\text{C.P of Retailer} = 1.2 \times 1.18x$$

$$\text{SP of Retailer} = 1.25 \times 1.2 \times 1.18x = 2124$$

$$\Rightarrow x = 1200$$

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 18**

10 years ago the average age of all 25 teachers of a school was 45 years. 4 years ago one teacher retired from her post at the age of 58. After one year a new teacher whose age was 54 years was recruited from outside. The present average age of all the teachers is (in years):

- A)  $55\frac{17}{25}$     ☒ B)  $54\frac{4}{5}$     C)  $54\frac{18}{25}$     D)  $49\frac{1}{2}$

**Explanation:-**

Total age of 25 teachers 10 years ago =  $45 \times 25 = 1125$  years.

As one teacher was retired 4 years ago, total age of all teachers 4 years ago =  $1125 + 150 - 58 = 1217$  years.

After one year, one more teacher was added with age 54 years, so the total age of all teachers 3 years ago =  $1217 + 24 + 54 = 1295$  years. Now the present age of all teachers =  $1295 + 75 = 1370$  years.

$$\text{Hence average age of all teachers} = \frac{1370}{25} = 54\frac{4}{5} \text{ years.}$$

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 19**

The population of vultures in a locality decreases by a certain rate (compounded annually). If the current population of vultures is 29160 and the ratio of the decrease in population for the first and second year and second and third year be 10 : 9, what was the population of vultures 3 years ago?

- A) 30000    B) 35000    ☒ C) 40000    D) 50000

**Explanation:-**

The ratio of decrease of population for the first, second and third year is 10:9 and the current population is 29160.

$$\text{So the population three year back is } 29160 \times \frac{10}{9} \times \frac{10}{9} \times \frac{10}{9} = 40000.$$



**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 20**

What is the probability that there are 53 Sundays in a leap year?

- A)  $\frac{1}{53}$    B)  $\frac{1}{7}$    ☒ C)  $\frac{2}{7}$    D) None of these

**Explanation:-**

As there are 366 days in a leap year i.e. 52 weeks and 2 more days, which can be (Saturday-Sunday), or (Sunday-Monday), or (Monday-Tuesday), or (Tuesday-Wednesday), or (Wednesday-Thursday), or (Thursday-Friday), or (Friday-Saturday)

$$\text{Required Probability} = \frac{2}{7}$$

**DIRECTION for the question:** The question has four answer choices numbered (1), (2), (3) and (4). Select the **best** of the answer choices given.

**Question No. : 21**

There are three events A, B, and C. If the odds of happening are 8 : 3 against A, 5 : 2 against B, and the probability of at most one of these events happening is  $\frac{1203}{1540}$ , then the odds against C must be \_\_\_\_\_

- ☒ A) 13 : 7   B) 3 : 2   C) 43 : 34   D) 43 : 77

**Explanation:-**

Since the probability of at most 1 event happening is  $\frac{1203}{1540}$ , the probability of 2 or more events happening is  $\frac{337}{1540}$ . Suppose odds against C are  $x : y$ . We are interested in ABC, ABC', AB'C and A'BC. So,  $\frac{3}{11} \times \frac{2}{7} \times \frac{y}{x+y} + \frac{3}{11} \times \frac{2}{7} \times \frac{x}{x+y} +$

$$\frac{3}{11} \times \frac{5}{7} \times \frac{y}{x+y} + \frac{8}{11} \times \frac{2}{7} \times \frac{y}{x+y} = \frac{337}{1540}. \text{ Solving this equation gives } x : y = 13 : 7.$$

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 22**

Water is flowing at the rate of 15 km/h through a pipe of diameter 14 cm into a rectangular tank which is 50 m long and 44 m wide. What is the time in which the level of water in the tank will rise by 21 cm?

- A) 2 hours 20 minutes   B) 2 hours 15 minutes   C) 3 hours   ☒ D) 2 hours

**Explanation:-**

Volume of rectangular tank to be filled =  $50 \times 44 \times 0.21 = 462 \text{ m}^3$ ;

Speed of water =  $15 \text{ km/hr} = 15 \times (5/18) = (25/6) \text{ m/sec}$ ;

Volume of tank filled per second =  $(25/6) \times (22/7) \times (49/10000) = 0.0641666 \text{ m}^3/\text{sec}$ ;

Time taken to fill the required =  $462 / 0.0641666.. = 7200 \text{ seconds (approx)} = 2 \text{ hours}$

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 23**

Three partners A, B and C together invested Rs. 21,600 in a business. At the end of the year, A got Rs.700, B got Rs. 800 and C got Rs. 900 as profit. How much amount did B and C together invest?

- ☒ A) Rs. 15,300   B) Rs. 14,400   C) Rs. 13,500   D) Rs. 16,300

**Explanation:-**

Ratio of Investment =  $700:800:900 = 7 : 8 : 9$

$$\begin{aligned} \text{Amt of investment B \& C together} &= \frac{8+9}{7+8+9} \times 21600 \\ &= \frac{17}{24} \times 21600 = 15300 \end{aligned}$$

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 24**

To balance a seesaw, the distance, in metres, from the fulcrum is inversely proportional to the person's weight in kgs. Santosh, who is 150 kg, is sitting 4 metres away from the fulcrum. If Mohan weighs 120 kg, how far from the fulcrum should he sit to balance the seesaw?

- A) 6 m   B) 4.5 m   C) 10 m   ☒ D) None of these

**Explanation:-**



$$\text{A.T.Q} = \frac{x}{4} = \frac{150}{120} \Rightarrow x = 5\text{m}$$

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 25**

Harris invested Rs. 40,000 in two different ventures A and B. The yearly return on B was 12% and the yearly return on A was 8%. If the total return was Rs. 4000, how much did Harris invest in B?

- A) Rs. 8,000   ☒ B) Rs. 20,000   C) Rs. 14,000   D) Rs. 22,000

**Explanation:-**

Total return is 4000, i.e.  $4000/40000 = 10\%$ .

Now return from both schemes is 8% and 12 % whereas overall return is 10%,

i.e. average of both, so ratio of money invested should be same. Rs. 20000 each is invested in both A & B.

**Section : Analytical & Logical Reasoning**

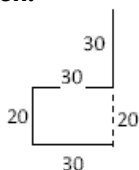
**DIRECTIONS for the question:** Solve the following question and mark the best option.

**Question No. : 26**

Rahul walks 30 meters towards south then turns to his right and starts walking straight till he completes another 30 meters. Then again turning to his left he walks 20 meters. He then turns to his left and walks for 30 meters. How far is he from his initial position?

- A) 30 meters   ☒ B) 50 meters   C) 10 meters   D) 60 meters

**Explanation:-**



Therefore his final position  $30 + 20 = 50$  m from initial position.



**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

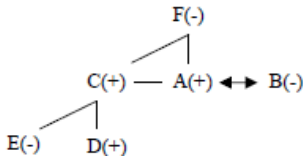
**Question No. : 27**

In a family there are six members A, B, C, D, E and F. A and B are a married couple, A being the male member. D is the only son of C, who is the brother of A. E is sister of D. B is the daughter-in-law of F, whose husband has died.

How is F related to A?

- ☒ A) Mother    B) Sister-in-law    C) Sister    D) None of these

**Explanation:-**



F is mother of A

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 28**

At what time between 10 and 11 p. m will the hands of a clock be coincident?

- ☒ A)  $54\frac{6}{11}$  min past 10    B)  $40\frac{6}{11}$  min past 10    C)  $51\frac{5}{11}$  min past 10    D)  $48\frac{7}{11}$  min past 10

**Explanation:-**

The reqd. time =  $300 \times \frac{2}{11} = \frac{600}{11} = 54\frac{6}{11}$  minutes past 10.

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 29**

How many times are the hands of a clock at right angles in a day?

- A) 48 times    B) 46 times    ☒ C) 44 times    D) 49 times

**Explanation:-**

In 12 hrs, they are at right angles 22 times.

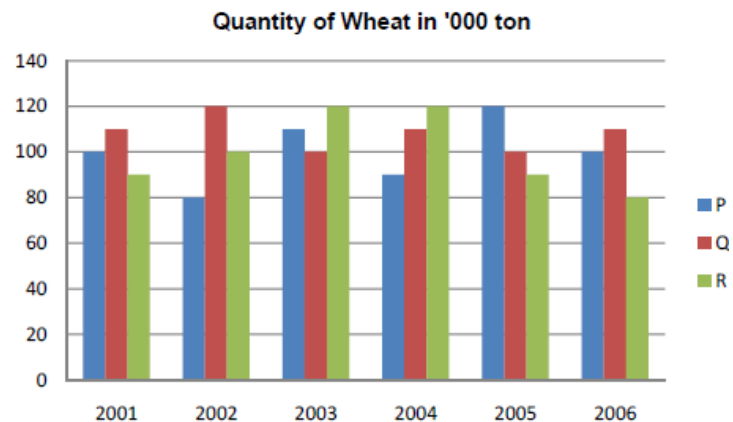
Therefore, in 24 hrs, they are at right angles 44 times.



**DIRECTIONS for the question:** Analyse the graph/s given below and answer the question that follows.

**Question No. : 30**

**Production of Wheat by 3 different Villages P, Q and R over the years 2001 to 2006**



For which of the following years the percentage of rise/fall in production from the previous year is the maximum for company 'Q'?

- A) 2002    ☒ B) 2003    C) 2004    D) 2005

**Explanation:-**

Visual observation of Bar graph reveals it is maximum fall for 2003. or we can calculate as:

Percentage of rise/fall in production from the previous year in 2002 =  $(120 - 110)/110 \times 100 = 9.09\%$

Percentage of rise/fall in production from the previous year in 2003 =  $(100 - 120)/120 \times 100 = -16.67\%$

Percentage of rise/fall in production from the previous year in 2004 =  $(110 - 100)/100 \times 100 = 10\%$

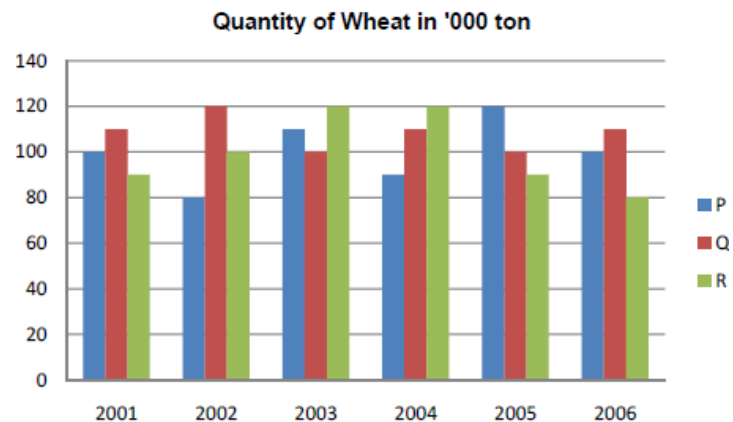
Percentage of rise/fall in production from the previous year in 2005 =  $(100 - 110)/110 \times 100 = -9.09\%$

So the required percentage is highest in 2003, hence option B

**DIRECTIONS for the question:** Analyse the graph/s given below and answer the question that follows.

**Question No. : 31**

**Production of Wheat by 3 different Villages P, Q and R over the years 2001 to 2006**



The total production of village 'R' in 2003 and 2004 is what percentage of the total production of village 'P' in 2001 and 2002?

- A) 95%    B) 90%    C) 110%    ☒ D) None of these

**Explanation:-** Production of R in 2003 and 2004 =  $120000 + 120000 = 240000$  ton

Production of P in 2001 and 2002 =  $100000 + 80000 = 180000$  ton

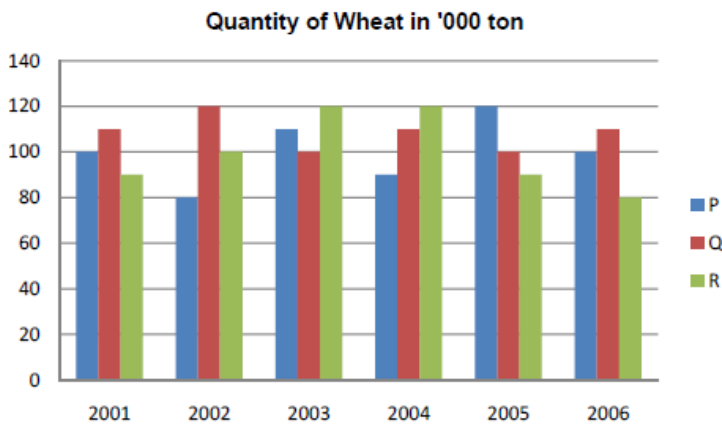
The required percentage =  $\frac{240000}{180000} \times 100 = 133.33\%$

Hence, option D is the correct answer.

**DIRECTIONS for the question:** Analyse the graph/s given below and answer the question that follows.

**Question No. : 32**

**Production of Wheat by 3 different Villages P, Q and R over the years 2001 to 2006**



What is the difference between the average production per year of the village with highest average production and the village with lowest average production in '000 ton ?

- A) 6.34    B) 4.66    ☒ C) 8.33    D) 10.21

**Explanation:-**

Working out the average production of all the three villages:

P:  $(100 + 80 + 110 + 90 + 120 + 100) / 6 = 100$     Q:  $(110 + 120 + 100 + 110 + 100 + 110) / 6 = 108.33$

R:  $(90 + 100 + 120 + 120 + 90 + 80) / 6 = 100$ . So, the difference in highest and lowest =  $(108.33 - 100) = 8.33$

Hence, option C is the correct answer.

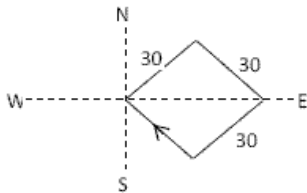
**DIRECTIONS for the question:** Solve the following question and mark the best option

**Question No. : 33**

A girl leaves from her home. She first walks 30 meters in North-East direction and then 30 meters in South-East direction. Next, she walks 30 meters in South-West direction. Finally, she turns towards her house. In which direction is she moving?

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

**Explanation:-**



So finally she is moving towards North – West Direction as shown by arrow in the diagram.

**DIRECTIONS for the question:** Read the information given below and answer the question that follows.

**Question No. : 34**

Kya-Kya is an obscure island which is inhabited by two types of people: the ‘Yes’ type and the ‘No’ type. Native of type ‘Yes’ ask only questions, the right answer to which is ‘Yes’ while those of type ‘No’ ask only questions, the right answer to which is ‘No’. For example : The ‘Yes’ type will ask questions like “Is 2 plus 2 equal to 4?” while the ‘No’ type will ask questions like “Is 2 plus 2 equal to five?” The following questions are based on your visit to the island of Kya - Kya.

You are approached by one of the islanders and asked, “Am I of type ‘Yes’”? You can infer that

- A) he was a ‘No’.    B) he was a ‘Yes’.    C) such a situation is not possible.    ☒ D) no conclusion is possible.

**Explanation:-**

If islanders asks, “Am I of type ‘Yes’”? then two cases are possible  
Case I: He is Yes type then he will ask question answer to which should be yes and answer to the given question in this case is yes, hence this is valid case.  
Case II: He is No type then he will ask question answer to which should be no and in this case answer to the given question becomes no which is again the valid case.  
  
Hence, the answer to this question can be ‘No’ as well as ‘Yes’. So no conclusion is possible.

**DIRECTIONS for the question:** Read the information given below and answer the question that follows.

**Question No. : 35**

Four sisters - Suvarna, Tara, Uma and Vibha are playing a game such that the loser doubles the money of each of the other players from her share. They played four games and each sister lost one game in alphabetical order. At the end of fourth game, each sister had Rs. 32.

How many rupees did Suvarna start with?

- A) Rs. 60    B) Rs. 34    ☒ C) Rs. 66    D) Rs. 28

**Explanation:-**

Please note that the best way to solve this question is by working backwards. e.g. after the 4<sup>th</sup> round, each one of them has Rs. 32. Since it is Vibha who lost in this round, all the remaining three must have doubled their share. In other words, they would have had Rs. 16 each after the 3rd round.  
Since the increase in Rs. 16 in ones share, i.e. Rs. 48 overall, comes from Vibha's share, her share before the 4th round will be (32 + 48) = Rs. 80, after the 3rd round.  
Working backwards in this manner, we can get the following table.

Share of each				
	Suvarna	Tara	Uma	Vibha
4. Vibha	32	32	32	32
3. Uma	16	16	16	(32+48) = 80
2. Tara	8	8	(16 + 40 + 8 + 8) = 72	40
1. Suvarna	4	(8 + 4 + 36 + 20) = 68	36	20
Initial	(4 + 34 + 18 + 10) = 66	34	18	10

Suvarna started with Rs. 66.

**DIRECTIONS for the question:** In the question a few statements are followed by four conclusions numbered I, II, III and IV. Consider the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusion(s) and then decide which of the given conclusion(s) logically follow(s) from the given statements.

**Question No. : 36**

**Statements:**

1. Some birds are insects
2. All birds are butterflies
3. All insects are snakes

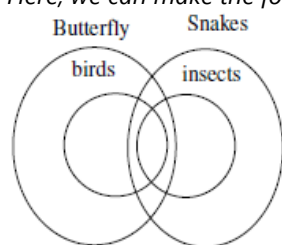
**Conclusions:**

- I. Some snakes are birds
- II. Some butterflies are insects
- III. Some snakes are butterflies
- IV. Some insects are birds

✓ A) All follow   B) None follows   C) Only IV follow   D) Either I or III follows

**Explanation:-**

Here, we can make the following diagram:



By observing from the above diagram. It is clear that all the given conclusions follow.  
So, correct answer is option 1.

**DIRECTIONS for the question:** The question has a main statement followed by 4 statements, A, B, C, D. Choose the ordered pair of statements where the first implies the second and the two statements are logically stated in the main statement

**Question No. : 37**

When it does not snow the sun shines.

- |                          |                   |
|--------------------------|-------------------|
| A. It does not snow      | B. It snows       |
| C. The sun doesn't shine | D. The sun shines |

A) AC   ✓ B) CB   C) BD   D) DC

**Explanation:-**

From the given statement we can say that When the sun doesn't shine, it snows.

**DIRECTIONS for the question:** In the question, three of the four given terms are alike in a certain way and so form a group. Which is the one that **does not** belong to that group?

**Question No. : 38**

A) WU   ✓ B) QN   C) MK   D) GE

**Explanation:-**

The sum of the positions of QN is odd while for the remaining options it is even.  
Also there is one letter between WU, MK and GE but there are two letters between QN. So option B.



**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 39**

Pointing to a man, Sita said. 'He is the brother of the daughter of the wife of my husband'. What is the relation of that man with Sita?

- A) Husband    B) Uncle    ☒ C) Son    D) Nephew

**Explanation:-** Wife of Sita's husband is Sita herself. The man discussed in this question is the brother of Sita's daughter. Hence the man is Sita's son.

So option C.

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 40**

Find the next term in the series: 0, 5, 8, 17 ..

- A) 20    ☒ B) 24    C) 25    D) 26

**Explanation:-**

The terms of the series are  $1^2 - 1$ ,  $2^2 + 1$ ,  $3^2 - 1$ ,  $4^2 + 1$ . So the next term will be  $5^2 - 1 = 24$ .

**DIRECTIONS for the question:** Go through all the options and mark the one which does not belong to the group.

**Question No. : 41**

- ☒ A) Managers use their authority.    B) Scientists use their logical abilities.    C) Artists use their creative abilities  
D) Engineers use their technical skills.

**Explanation:-**

All others refer to individuals who use their skills or abilities.  
Authority cannot be called a skill.

**DIRECTIONS for the question:** In the question, a question is given followed by information in three statements. You have to consider the information in all the three statements and decide which information in the statement(s) is sufficient to answer the question. Indicate your answer accordingly.

**Question No. : 42**

How is J related to N?

Statements:

- I. R is the brother of J and N is the son of R.  
II. J is the sister of R and N is the son of R.  
III. O is cousin brother of N and J's only son.

- A) Either I or II alone    ☒ B) Only II    C) Only III    D) Data insufficient

**Explanation:-**

From statement I, J could be aunt or uncle of N. So it is not sufficient to answer the question asked. From statement II, J is aunt of N. So the statement is sufficient. From statement III, we do not know about the gender of J and N.

**DIRECTIONS for the question:** Read the information given below and answer the question that follows.

**Question No. : 43**

Six students A,B,C,D,E and F are sitting in the field. A and B are from Nehru House while the rest belong to Gandhi House. D and F are tall while others are short. A, C and D are wearing glasses while the other are not.

Which two students, who are not wearing glasses are short?

- A) E and F    B) C and E    ☒ C) B and E    D) A and B

**Explanation:-**

	Nehru	Gandhi	Tall	Short	Glasses	No Glasses
A	✓			✓	✓	
B	✓			✓		✓
C		✓		✓	✓	
D		✓	✓		✓	
E		✓		✓		✓
F		✓	✓			✓

B and E are short but not wearing glasses.

**DIRECTIONS for the question:** Solve the following question and mark the most appropriate option.

**Question No. : 44**

Only six roads A, B, C, P, Q and R connect a military camp to the rest of the country. Only one out of A, P and R is open at any one time. If B is closed, so is Q. Only one of A and B is open during storms. P is closed during floods. In this context, which one of the following statements is correct?

A) Under normal conditions only three roads are open    ☒ B) During storms at least one road is open  
C) During floods only three roads are open    D) During calamities all roads are closed

**Explanation:-**

Going by options, option 1 is wrong as out of A, P and R only one can be opened and if B is closed Q is also closed. In storm A or B can open and P is opened only in floods, so under normal conditions three roads are not opened.  
Option 2 is correct as in storms out A and B only one is opened.  
Option 3 is wrong as During floods P is closed so A or R can be opened. And if B is closed so does Q, so 3 roads are not opened.  
Option 4 is also wrong.

**DIRECTION for the question:** The question is based on the the following information:

Ahmed, Bala, Curzon and Dhoni are four creative artists of great talent. One is a dancer, one is a painter, one is a singer, and one is a writer, though not necessarily in that order.

- Ahmed and Curzon were in audience the night the singer made his debut on the stage.
- Both Bala and the writer have had their portraits painted from life by Dhoni.
- The writer, whose biography of Dhoni was a best seller, is planning to write a biography of Ahmed.
- Ahmed has never heard of Curzon.

**Question No. : 45**

Ahmed must be a \_\_\_\_\_

- ☒ A) Dancer    B) Painter    C) Singer    D) Writer

**Explanation:-**

From the information given, we can find that

	Dancer	Singer	Writer	Painter
Ahmed		×	×	×
Bala	×		×	×
Curzon	×	×		×
Dhoni	×	×	×	

Ahmed – Dancer                      Bala – Singer  
Curzon – Writer                    Dhoni – Painter

**DIRECTION for the question:** The question is based on the the following information:

Ahmed, Bala, Curzon and Dhoni are four creative artists of great talent. One is a dancer, one is a painter, one is a singer, and one is a writer, though not necessarily in that order.

- Ahmed and Curzon were in audience the night the singer made his debut on the stage.
- Both Bala and the writer have had their portraits painted from life by Dhoni.
- The writer, whose biography of Dhoni was a best seller, is planning to write a biography of Ahmed.
- Ahmed has never heard of Curzon.

**Question No. : 46**

Bala must be a \_\_\_\_\_

- A) Dancer    B) Painter    ☒C) Singer    D) Writer

**Explanation:-**

From the information given, we can find that

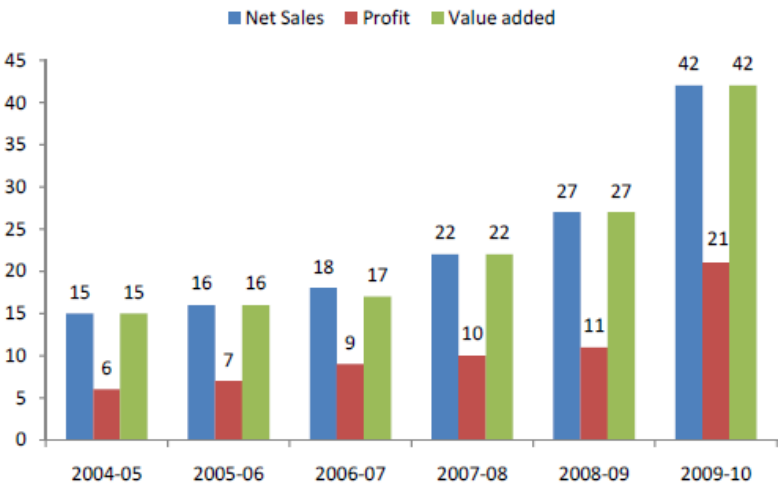
	Dancer	Singer	Writer	Painter
Ahmed		×	×	×
Bala	×		×	×
Curzon	×	×		×
Dhoni	×	×	×	

Ahmed – Dancer                      Bala – Singer  
Curzon – Writer                    Dhoni – Painter

**DIRECTIONS for the question:** Analyse the graph/s given below and answer the question that follows.

**Question No. : 47**

Financial Performance of a Power Company is presented in the graph given below. All figures are in Rs. '00 crores.



The year which has recorded a decline in all three parameters of financial performance in terms of percentage growth rates over the previous year

- A) 2009-10    B) 2008-09    C) 2006-07    ☒D) None of these

**Explanation:-**

For none of the year there has been decline in all three parameters





**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

**Question No. : 48**

A clock loses 1 minute per hour. In 5 hours, by how many degrees has the minute hand turned?

- A) 1180   B) 1910   C) 1170   ☒ D) 1770

**Explanation:-**

In 5 hours a minute hand is supposed to move  $(360^\circ \times 5) = 1800^\circ$ .

But the clock loses 1 minute per hour i.e. in 5 hours it loses 5 minutes.

In 5 minutes it loses  $(5 \times 6^\circ = 30^\circ$

Degrees moved by minute hand in 5 hours =  $(1800 - 30)^\circ = 1770^\circ$

**DIRECTIONS for the question:** Solve the following question and mark the best possible option.

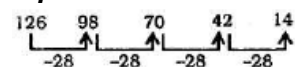
**Question No. : 49**

Which one number is **wrong** in the given series ?

126, 98, 70, 41, 14

- A) 98   B) 70   C) 126   ☒ D) 41

**Explanation:-**



Therefore, the number 41 is wrong in the series.

**DIRECTIONS for the question:** In the question below, a statement is followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. Mark your answer as

**Question No. : 50**

**Statement :** All the employees are notified that the organisation will provide transport facilities at half the cost from the nearby railway station to the office except to those who have been provided with travelling allowance.

**Assumptions :** I. Most of the employees will travel by the office transport.  
II. Those who are provided with travelling allowance will not read such a notice.

- A) if only assumption I is implicit;   B) if either I or II is implicit;   C) if only assumption II is implicit;  
☒ D) if neither I nor II is implicit

**Explanation:-**

Notices are supposedly read by all. The first is not implicit as the statement does not say anything about the choice of employees and the second is a far-fetched and fallacious assumption.

**Section : Verbal Ability**

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**DIRECTIONS for the question :** Read the passage and answer the question based on it.

**Question No. : 51**

The most common and potentially damning complaint about testing is that it actually lowers the quality of education, penalizing "divergent thinking," creativity, and intellectual work in general. By forcing teachers to "teach to the test" and focus on the discrete skills of the test, standardized testing prevents teachers from helping students grow intellectually and emotionally.

Although reductionist and anti-intellectual teaching can result in acceptable test scores, that is neither the only nor the best way to obtain them. John Dewey was decrying the same faults in schools one hundred years ago. Indeed, as Dewey made clear a century ago, part of the reason we see so much reductionist and by-rote teaching is that, in the first place, that is just the way it has always been done. In the second place, this sort of teaching is easier than the more intellectually demanding methods advocated by Dewey. The evidence is that these sorts of higher-level skills were never taught, or only rarely.

Dewey spoke of the two dimensions necessary for experience to be educational: it must have interactivity and continuity. It must, in other words, connect the children to their broader world, but it must also and equally connect to what the children already know and what they will need to learn in the future. Dewey's point was that, while traditional education is flawed because of its lack of connection in favor of continuity, much of what went under the label progressive education is equally flawed for its failure to retain continuity in its search for interaction.

The bad news about testing is that it rewards the sort of traditional teaching that ignores interaction that isolates the student in the classroom following a dull and uninspired curriculum. The good news about testing is that it penalizes the sort of breezy, pseudo-progressive "child-centered" education Dewey found so common and so distressing. The other good news is that it also rewards the truly rich teaching that engages the child in learning tasks that connect the child to her broader world. Under the current testing regime, such teaching is rare, while traditional teaching is common, but that has long, perhaps always, been true.

*Excerpted from 'Two Cheers for Standardized Testing' by John F. Covalesskie*

On the subject of teaching pedagogy, what is the primary criticism that the author makes of Dewey?

- ✓ A) The methodology suggested by Dewey is idealistic; in the real world one cannot find enough teachers who can implement that methodology.
- B) He distorts the process of schooling and denies children the opportunity for proper development.
- C) By-rote teaching has been in place ever since schools started; Dewey's methodologies are just passing fads.
- D) The evidence is that higher-level skills were never taught and that the sort of class community created by teachers like Dewey has never existed.

**Explanation:-**

*Option 1. The author states that what Dewey advocated is not possible because the more intellectually demanding methods are not easy to teach.*

*Hence they are idealistic and one cannot find teachers to implement that methodology.*

**DIRECTIONS for the question :** Read the passage and answer the question based on it.

**Question No. : 52**

The most common and potentially damning complaint about testing is that it actually lowers the quality of education, penalizing "divergent thinking," creativity, and intellectual work in general. By forcing teachers to "teach to the test" and focus on the discrete skills of the test, standardized testing prevents teachers from helping students grow intellectually and emotionally.

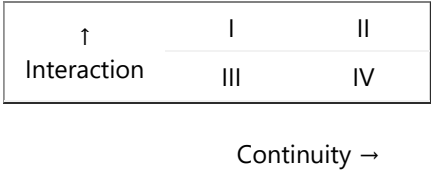
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*Excerpted from ‘Two Cheers for Standardized Testing’ by John F. Covalleskie*

In the graph below, which of the boxes would refer to ‘progressive education’?



- ✓A) I    B) II    C) III    D) IV

**Explanation:-**  
Option 1. The author states that the label progressive education is equally flawed for its failure to retain continuity in its search for interaction.  
This means it would be high on interaction but low on continuity



**DIRECTIONS for the question :** Read the passage and answer the question based on it.

**Question No. : 53**

The most common and potentially damning complaint about testing is that it actually lowers the quality of education, penalizing "divergent thinking," creativity, and intellectual work in general. By forcing teachers to "teach to the test" and focus on the discrete skills of the test, standardized testing prevents teachers from helping students grow intellectually and emotionally.

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*Excerpted from 'Two Cheers for Standardized Testing' by John F. Covalleskie*

Which of the following would the author agree with?

- ✓ A) One may teach badly and get good test results, but if one teaches well, one will also get good test results.
- B) One may teach badly and get bad test results, but if one teaches well, one will get good test results.
- C) One may teach well and get bad test results, but if one teaches badly, one may also get good test results.
- D) Results and teaching have no connection, as intelligence is intrinsic to the student.

**Explanation:-**

*Option 1. In the concluding paragraph the author states that the bad news about testing is that it rewards the sort of traditional teaching that ignores interaction.*

*The good news is that it also rewards the truly rich teaching that engages the child in learning tasks.*



**DIRECTIONS for the question :** Read the passage and answer the question based on it.

**Question No. : 54**

The most common and potentially damning complaint about testing is that it actually lowers the quality of education, penalizing "divergent thinking," creativity, and intellectual work in general. By forcing teachers to "teach to the test" and focus on the discrete skills of the test, standardized testing prevents teachers from helping students grow intellectually and emotionally.

Although reductionist and anti-intellectual teaching can result in acceptable test scores, that is neither the only nor the best way to obtain them. John Dewey was decrying the same faults in schools one hundred years ago. Indeed, as Dewey made clear a century ago, part of the reason we see so much reductionist and by-rote teaching is that, in the first place, that is just the way it has always been done. In the second place, this sort of teaching is easier than the more intellectually demanding methods advocated by Dewey. The evidence is that these sorts of higher-level skills were never taught, or only rarely.

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*Excerpted from 'Two Cheers for Standardized Testing' by John F. Covalleskie*

Please refer to the additional information given below:

Norm-referenced standardized tests are tests where student performance is measured against performance norms defined by the performance of a statistically representative sample of students taking that test. In criterion-referenced testing, student performance is measured against clear standards of performance.

- I. The test that you are currently appearing for, can be considered as an example of which category of standardized tests?  
II. What can be inferred about the author's usage preference on standardized tests?

A) I - Norm, II – Norm    B) I - Criterion, II - Norm    ☒ C) I - Norm, II – Criterion    D) I - Criterion, II - Criterion

**Explanation:-**

Option 3. In the test you are taking the performance is considered with reference to others giving the same test. Hence I is a Norm. The author is talking about tests which have specific answers and the test is evaluated with that as a reference. Hence II is a criterion.

**DIRECTIONS for the question:** Choose the word from the options which is most **Similar** in meaning to the given word.

**Question No. : 55**

Waver

A) Summary    B) Index    C) Reference    ☒ D) Undetermined

**Explanation:-**

Waver means to feel or show doubt, indecision, etc. undetermined also means doubtful

Summary is concise or to the point

Index is indication or guide

Reference is remark or mentioning

**DIRECTIONS for the question:** Choose the word from the options which is most **Similar** in meaning to the given word.

**Question No. : 56**

**FRUGALITY**

A) Foolishness   B) Extremity   C) Enthusiasm   ✓D) Economy

**Explanation:-**

Frugality means habit of spending money in an economical manner.

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**DIRECTIONS for the question:** Choose the word from the options which is most **Similar** in meaning to the given word.

**Question No. : 57**

**BEFUDDLED**

✓A) Groggy   B) subdued   C) subjugated   D) Bludgeon

**Explanation:-**

BEFUDDLED means to confuse, as with glib statements or argument.

Groggy also means 'to confuse'.

Subdued means quiet; inhibited; repressed;

'Subjugated' means 'confined/conquered'.

Bludgeon means to bully or to force into something. **So, option 1 is correct.**

**DIRECTIONS for the question:** Choose the word from the options which is most **Similar** in meaning to the given word.

**Question No. : 58**

**Impetuous**

A) Impious   B) Impressive   ✓C) Hasty   D) Disturbing

**Explanation:-**

The given word means 'acting or done quickly and without thought or care. Therefore the answer option is 3.

---

**DIRECTIONS for the question:** Choose the word from the options which is most **Similar** in meaning to the given word.

**Question No. : 59**

**Evade**

A) Vacate   B) Cheat   C) Pretend   ✓D) Avoid

**Explanation:-**

The given word means 'escape or avoid (someone or something), especially by guile or trickery'. Hence the answer is option 4

**DIRECTIONS for the question:** Choose the word from the options which is **Opposite** in meaning to the given word.

**Question No. : 60**

**Contravention**

A) Serpent   B) Cunning   ✓C) Obedience   D) Misery

**Explanation:-** Contravention means to offend rules so the opposite lies in option 3 i.e. OBEDIENCE which is: compliance with an order, request, or law

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**DIRECTIONS for the question:** Choose the word from the options which is **Opposite** in meaning to the given word.

**Question No. : 61**

**Venom**

A) Consume   B) Poison   C) Buried   ✓D) Antidote

**Explanation:-** The word means 'poison' and hence its opposite is 'antidote'.

**DIRECTIONS for the question:** Choose the word from the options which is **Opposite** in meaning to the given word.

**Question No. : 62**

**Adulterate**

✓A) Purify   B) Contain   C) Stabilize   D) Compress

**Explanation:-**

To adulterate means to make impure. The best choice is purify.

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**DIRECTIONS for the question:** Choose the word from the options which is **Opposite** in meaning to the given word.

**Question No. : 63**

Conquer

A) Surmount   B) Alleviate   ✓C) Fail   D) Prevail

**Explanation:-**

'conquer' is to win/ able to overcome a difficulty hence the opposite of the given word is 'fail'. Therefore answer is option C.

**DIRECTIONS for the question:** Choose the word from the options which is **Opposite** in meaning to the given word.

**Question No. : 64**

Capricious

A) Fanciful   ✓B) Reasonable   C) Intolerant   D) Indifferent

**Explanation:-**

The word Capricious (Adjective) means: showing sudden changes in attitude or behaviour; changeable.

Reasonable = fair, practical and sensible.

Fanciful = not based on fact; dubious or imaginary

Intolerant = Inclined to tolerate the beliefs, practices, or traits of others; forbearing.

Indifferent= unbothered or unconcerned.

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**DIRECTIONS for the question:** There are two gaps in the following sentence. From the pairs of words given, choose the one that fills the gaps most appropriately. The first word in the pair should fill the first gap.

**Question No. : 65**

Physicians may soon have\_\_\_\_\_to help paralyzed people move their limbs by bypassing the \_\_\_\_\_nerves that once controlled their muscles.

A) instruments, detrimental   ✓B) ways, damaged   C) reason, involuntary   D) impediments, complex

**Explanation:-**

Paralyzed people do not have complex or involuntary nerves. At the most, they have some of their nerves damaged or affected.

**DIRECTIONS for the question:** Fill in the blanks using the appropriate options.

**Question No. : 66**

The law prohibits a person from felling a sandalwood tree even if it grows on one's own land, without prior permission from the government. As poor people cannot deal with the government, this legal provision leads to a rip-roaring business for \_\_\_\_\_ who care neither for the \_\_\_\_\_ nor for the trees.

- A) middlemen, rich    B) touts, rich    C) the government, poor    ☒ D) touts, poor

**Explanation:-**

Since the sentence has a negative tone, the word should be "touts" who do not care for the poor.

**DIRECTIONS for the question:** Fill in the blank in the following sentence by using the most appropriate word from the options given below the sentence.

**Question No. : 67**

The word 'steed' has a more romantic \_\_\_\_\_ than the word 'horse'

- A) Meaning    ☒ B) Connotation    C) Invocation    D) Feeling

**Explanation:-**

connotation – suggesting of a meaning. The word 'steed' used in the sentence may be used in different contexts as well.

**DIRECTIONS for the question:** Fill in the blank in the following sentence by using the most appropriate word from the options given below the sentence. Although more than one option may be correct, only one amongst them is the most effective

**Question No. : 68**

Use this spray to \_\_\_\_\_ the weeds in your garden

- A) Decimate    ☒ B) Eliminate    C) Kill    D) Eradicate

**Explanation:-**

Weeds are the plants that cannot be removed with roots thus it can only be eliminated at a given stage by using a spray.

**DIRECTIONS for the question:** Complete the following sentence with the best alternative.

**Question No. : 69**

In the month of May, the \_\_\_\_ sound of the ice-cream cart can be heard.

- A) ubiquitous    B) cacophonous    C) doleful    ☒ D) recurring

**Explanation:-**

During the month of May the sound of the ice-cream cart is heard time and again . Ubiquitous means present everywhere. The sound of the ice-cream cart is music to the ears. If it is cacophonous (very loud and harsh) it would hardly attract people or children.





**DIRECTIONS for the question:** A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option "No improvement required".

**Question No. : 70**

- A) An independent and impartial judiciary of undisputed integrity is a kin to a bedrock institution ensuring a compliant democracy and rule of law.
- B) Independence of an impartial judiciary with undisputed integrity is a bedrock institution akin to ensuring compliance with democratic rule of law.
- C) Undisputed integrity and independence of an impartial judiciary ensures compliance to democracy and rule of the law which is a kin to bedrock institution.
- ✓D) An independent and impartial judiciary of undisputed integrity is akin to a bedrock institution ensuring compliance with democracy and rule of law.

**Explanation:-**

Option 4. In option 1. and option 3 "a kin" means "relative" like we say the next of kin while in the sentence the word needs to be akin which means similar to.

In option 2, it is incorrectly implying that bedrock institution is akin to ensuring compliance with democratic rule of law.

Also democracy and rule of law needs to be two different things.

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**DIRECTIONS for the question:** A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option "No improvement required".

**Question No. : 71**

- ✓A) Though this may sound a far cry from the Bangalore Principles of Conduct adopted in 2002 by judges from across the world including India, the 1997 statements are based on the Doctrine of Necessity, given the peculiar facts under the Indian scenario.
- B) Though this may sound a far cry from the Bangalore Principles of Conduct adapted in 2002 by judges from across the world including India, the 1997 statements are based on the Doctrine of Necessity, given the peculiar facts under the Indian scenario.
- C) Even though this may sound a far cry from the Bangalore Principles of Conduct adapted since 2002 by judges from across the world including India, the 1997 statements are based on the Doctrine of Necessity, given the peculiar facts under the Indian scenario.
- D) Though this may sound a far cry from the Bangalore Principles of Conduct adopted on 2002 by the judges from across the world including India, the 1997 statements are based on the Doctrine of Necessity, given the peculiar facts under the Indian scenario.

**Explanation:-**

Option 1. We need the word adopted here as we want to compare the 1997 statements with those taken up in 2002. Adapted means familiarizing yourself with. We would use adopted on a particular day, but adopted in a particular year. Option 2 & option 3 rejected because of the use of the word 'adapted' instead of 'adopted'.

**DIRECTIONS for the question:** A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option "No improvement required".

**Question No. : 72**

- A) The members of the public understand that such shareholding is common in the present age and that a reasonable observer would not apprehend judges influenced by their minimum shareholding.
- B) The Members of Public understand that such shareholding is common in a presentable age and that a reasonable observer could not apprehend that the judges could be influenced by their minimal shareholding.
- ✓C) Members of the public understand that such shareholding is common in the present age and that a reasonable observer would not apprehend that the judges could be influenced by their minimal shareholding.
- D) Members of a public understand that such a shareholding is common in the present age and that the reasonable observer would not apprehend that judges could be influenced by their minimal shareholding.

**Explanation:-**

Option 3. The reasonable observer is not apprehending the judges but is apprehending the fact that judges could be influenced by their minimal shareholding.

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**DIRECTIONS for the question:** A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option "No improvement required".

**Question No. : 73**

- A) I request you to kindly deliver to me a tin of milk powder.    ✓B) Could you please send me a tin of milk powder?  
C) May I request you to please send me a tin of milk powder?    D) Can I have milk powder sent to me please?

**Explanation:-**

Option B uses the appropriate degree of politeness.

Choice D is wrong as it does not tell how much milk powder is required.

Options A and C use too many words for showing politeness.

**DIRECTIONS for the question:** A sentence or a part of the sentence is underlined. Four alternatives are given as substitutions for the highlighted part, one of which will improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option "No improvement required".

**Question No. : 74**

- A) There is no question of it not being possible to freeze you to death and wake you up as and when you want.  
B) There is no question of it not being possible to freeze you to death and wake you up whenever you want.  
✓C) Undoubtedly, it should be possible to freeze you to death and wake you up whenever you want.  
D) Undoubtedly, it should be possible to freeze you to death and wake you up when you want.

**Explanation:-**

'Whenever' implies at any time, hence C is a better choice than D.

Other choices are unnecessarily wordy because they use the pronoun 'there' expletively.

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**DIRECTIONS for the question:** Identify the meaning of the given idiom/ phrase.

**Question No. : 75**

Go to seed

- A) harvesting    B) planting    ✓C) become unfit and run down    D) financial ruin

**Explanation:-**

Option 3. To go to seed or to run to seed means to decline in looks, status, or utility due to lack of care. This old coat is going to seed. Have to get a new one.

For example : The front of the house is going to seed. Let's get it painted.