

LVL 2 APTITUDE TEST 4-HITBULLS

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Question No: 1

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

The distance between two multistoried buildings is 60 m. The angle of depression of the top of the first building as seen from the top of the second building which is 150 m high is 30° . The height of the first building is _____.

- (150+ $20\sqrt{3}$)m
- (150- $20\sqrt{3}$)m
- (150+ $60\sqrt{3}$)m
- (150- $60\sqrt{3}$)m

Explanation

$$\text{Now, } \tan 30^\circ = \frac{xy}{60}$$

$$xy / 60 = 1 / \sqrt{3}$$

$$xy = 60/\sqrt{3} = 20\sqrt{3}$$

$$\text{Length of smaller building} = yz = (150 - 20\sqrt{3}) \text{ (Option 2)}$$

Correct answer is: B

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Question No: 2

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

A cricketer whose bowling average is 12.4 runs per wicket takes 5 wickets for 26 runs and thereby decreases his average by 0.4. The number of wickets taken by him till the last match was

- 64
- 72
- 80
- 85

Explanation Let the wickets taken by the bowler till the last inning are x . We have

Correct answer is: D

Question No: 3

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

An isosceles trapezium is inscribed in a circle of radius 10 cm so that the non-parallel sides are 10 cm each. What is the area of the trapezium if one of its sides is the diameter of the circle?

Explanation

Correct answer is: C

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Question No: 4

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

A bath can be filled by the cold water pipe in 10 minutes and by the hot water pipe in 15 minutes (independently each). A person leaves the bathroom after turning on both pipes simultaneously and returns at the moment when the bath should be full. Finding, however, that the waste pipe has been open, he now closes it. In 4 minutes more, bath is full. In what time would be the waste pipe empty it?

- 6 mins.
- 9 mins.
- 3 mins.
- 4 mins.

Explanation

Working together, bath should be full in $\frac{1}{10} + \frac{1}{15}$ i.e. $\frac{1}{6}$ or 6 min.

He returns at the time when the bath should have been full, means that he returns in 6 minutes but finds that the waste pipe also has been opened for 6 minutes.

After he closes the waste pipe, it takes 4 more minutes to fill the tub.

Let the waste pipe empty the bath in x minutes.

Work done by cold pipe in 10 minutes $(6 + 4) = \frac{10}{10} = 1$
Work done by hot pipe in 15 minutes $= \frac{1}{15}$

Work done by waste pipe in x minutes $= \frac{1}{x}$

Sum of fractions $\frac{1}{10} + \frac{1}{15} = \frac{1}{6}$ of work done by each $= \frac{1}{x}$

$$\frac{1}{6} = \frac{1}{x}$$

$$x = 6$$

Correct answer is: B

Question No: 5

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

Ramesh takes twice as much time as Mahesh and thrice as much time as Suresh to complete a job. If working together, they can complete the job in 4 days, then the time taken by each of them separately to complete the work is

- 36, 24 and 16 days
- 20, 16 and 12 days
- 24, 12 and 8 days
- None of these

Explanation

We are given that $R = 2M = 3S$. This means that Suresh is thrice efficient than Ramesh and Mahesh is twice efficient than Ramesh. So let us assume that Ramesh can do 1 unit work per day. so Mahesh will do 2 units per day and Suresh will do 3 units of the work per day. So the total work done by all three in one day is 6 units. Now they together take 4 days to complete the work. So the total work is $6 \times 4 = 24$ units and individually Ramesh , Mahesh and Suresh will take 24 days, 12 days and 8 days respectively.

Correct answer is: C

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Question No: 6

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

How many triangles with perimeter 27 and all integral sides x, y, z are possible such that $x < y < z$?

- 12
- 11
- 15
- 16

Explanation

As we know that, Sum of any two sides of a triangle $>$ third side.

Thus, the length of the longest side must be ≤ 13 .

If the length of the longest side is 13 then the possible combinations of sides are (13, 12, 2), (13, 11, 3), (13, 10, 4), (13, 9, 5) and (13, 8, 6).

If the length of the longest side is 12 then the possible combinations of sides are (12, 11, 4), (12, 10, 5), (12, 9, 6) and (12, 8, 7).

If the length of the longest side is 11 then the possible combinations of sides are (11, 10, 6) and (11, 9, 7). If the length of the longest side is 10 then the only possible combination of sides is (10, 9, 8). So there are 12 possibilities in all.

Correct answer is: A

Question No: 7

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

The sum of 20 terms of the series: $-1^2 + 2^2 - 3^2 + 4^2 - 5^2 + 6^2 \dots$ is:

- 205
- 519
- 190
- 210

Explanation

Correct answer is: D

Question No: 8

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

You are given 50 white marbles, 50 black marbles and two jars. You need to put 100 marbles in these two jars. The jars will then be shaken & you will be asked to pick one marble from either jar. How would you distribute the marbles in two jars if you are to maximize the possibility of picking a white marble blind folded?

- 25 white and 25 black in each
- 1 White in one of the jars & remaining 99 in the other
- 50 white in one & 50 black in the other
- All hundred in one

Explanation

Picking the options:

- Option I; $\frac{1}{2} \times 25/50 + \frac{1}{2} \times 25/50 = \frac{1}{2}$.
- Option II; $\frac{1}{2} \times 1 + \frac{1}{2} \times 49/99 = > \frac{1}{2}$.
- Option III; $\frac{1}{2} \times 50/50 + \frac{1}{2} \times 0/50 = \frac{1}{2}$.
- Option IV; $\frac{1}{2} \times 50/100 + \frac{1}{2} \times 0 = \frac{1}{4}$.

Hence, the correct answer is option B.

Correct answer is: B

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Question No: 9

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

There are two identical vessels, X and Y. Y is filled with water to the brim and X is empty. There are two pails A and B, such that B can hold half as much water as A. One operation is said to be executed when water is transferred from Y to X using A once and water is transferred to Y from X using B once. If A can hold a litre of water and it takes 40 operations to equate the water level in X and Y, what is the total volume of water in the system?

- 10 litres
- 20 litres
- 40 litres

Explanation

Correct answer is: C

Question No: 10

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

A man and a woman 81 miles apart from each other, start travelling towards each other at the same time. If the man covers 5 miles per hour to the woman's 4 miles per hour, how far will the woman have travelled when they meet (in miles)?

- 27
- 36
- 45
- None of these

Explanation

Total distance travelled by both in 1 hr is 9 miles. So the total time to cover 81 miles will be $81/9 = 9$ hr. Speed of woman is 4 miles/hr. So the distance covered by woman will be $4 \times 9 = 36$ miles.

Correct answer is: B

Question No: 11

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

The batting average for 40 innings of a cricket player is 50 runs. His highest score exceeds his lowest score by 172 runs. If these two innings are excluded, the average of the remaining 38 innings is 48 runs. The highest score of the player is

- 165 runs
- 170 runs
- 172 runs
- 174 runs

Explanation Let the highest and the lowest scores are x and y respectively.

The total score $= 40 \times 50 = 2000$

Total score without the highest and the lowest score $= 48 \times 38 = 1824$.

Hence the total of highest and lowest score $= 2000 - 1824 = 176$

So $x + y = 176$

and $x - y = 172$

Adding these two equations, we have $2x = 348 \Rightarrow x = 174$.

Correct answer is: D

Question No: 12

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

$\log_3 [\log_9 (x^{3/2} - 7271)] = 1$. What is the value of x ?

- 20
- 400
- 8000
- None of these

Explanation

$$\log_3 [\log_9 (x^{3/2} - 7271)] = 1 = \log_3 3$$

$$\Rightarrow \log_9 (x^{3/2} - 7271) = 3 \times \log_9 9$$

$$\Rightarrow x^{3/2} - 7271 = 9^3$$

$$\Rightarrow x^{3/2} - 7271 = 729$$

$$\Rightarrow x^{3/2} = 8000$$

$$\Rightarrow (x^{1/2})^3 = 8000$$

$$\Rightarrow x^{1/2} = 20$$

$$\Rightarrow x = 400$$

Option B

Correct answer is: B

Question No: 13

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

$$x > 20$$

$$x > 18$$

$$x < 18$$

$$x = 0$$

Explanation

Correct answer is: B

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Question No: 14

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

Explanation

Correct answer is: D

Question No: 15

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

Given a relation, $n = 1 + x$ and x is a product of four consecutive integers. Then which of the following is true?

- A. n is an odd integer
 - B. n is prime
 - C. n is a perfect square
- both A and C are correct
both A and B are correct
only A is correct
only C is correct

Explanation

Correct answer is: A

Question No: 16

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

Santosh was the guest speaker at a seminar on “*Careers After Class XI*” at the Cummins College of Engineering. He left his office and travelled at a certain speed so that he would reach the college on time. After travelling half the distance, he realised that he had left his laptop in office. He turned back immediately and increased his speed by 50% and reached his office. As compared to his original speed, by what percent should Santosh increase his speed so that he still reaches the college on time?

- 200%
- 500%
- 300%
- 400%

Explanation

Suppose the distance between office and college is 12 km and the speed is 2 kmph. It would take 6 hrs to reach college. When he reaches half way, he has already spent 3 hours. He turns back at a speed of 3 kmph and takes $6/3 = 2$ hours to reach office. Now, he has

only 1 hour to reach college. So the speed must be 12 kmph. Thus the increase in speed is $(12-2)/2 \times 100 = 500\%$.

Correct answer is: B

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Question No: 17

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

Ghoshbabu is staying at Ghosh Housing Society in Calcutta, where there are two more colonies: Aghosh Colony and Dighospur. In Ghosh Housing Society 6 persons read daily Ganashakti and 4 read Anand Bazar Patrika; in his colony there is no person who reads both. Total number of persons who read these two newspapers in Aghosh Colony and Dighospur is 52 and 200 respectively. Number of persons who read Ganashakti in Aghosh Colony and Dighospur is 33 and 121 respectively; while the persons who read Anand Bazar Patrika in Aghosh Colony and Dighospur are 32 and 117 respectively.

Number of persons in Dighospur who read only Ganashakti is

121

83

79

127

Explanation

In Ghosh Housing Society, number of persons reading only Ganshakti is 6
Number of persons reading only Anand Bazaar Patrika is 4.

In Aghosh Colony, number of persons reading Ganshakti is 33.

Number of persons reading Anand Bazaar Patrika is 32.

Total Number of persons who read both = $33 + 32 - 52 = 65 - 52 = 13$

Thus number of persons reading only Ganshakti = $33 - 13 = 20$

number of persons reading only Anand Bazaar Patrika = $32 - 13 = 19$

In Dighospur,
number of persons reading Ganshakti = 121.
Number of persons reading Anand Bazaar Patrika = 117
Total Number of persons who read both = $121 + 117 - 200 = 238 - 200 = 38$
Thus number of persons reading only Ganshakti = $121 - 38 = 83$

Correct answer is: B

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Question No: 18

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

In a school where the ratio of teachers and students is 12:240, the total members in the school are 2520. 30% of the students are in secondary section and remaining in primary section. Out of total students in secondary section, 20% are in non medical, 30% in medical and remaining in arts. The school has a policy of having equal boys and girls in each class. Find the number of girls studying medical.

- 110
- 720
- 108
- 216

Explanation

Teachers = 120 and students = 2400. Number of students in secondary section = 30% and number of students in medical = 30% of 30% = 9%. So number of boys = number of girls = 4.5% of 2400 = 108.

Correct answer is: C

Question No: 19

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

Ghoshbabu is staying at Ghosh Housing Society in Calcutta, where there are two more colonies: Aghosh Colony and Dighospur. In Ghosh Housing Society 6 persons read daily Ganashakti and 4 read Anand Bazar Patrika; in his colony there is no person who reads both. Total number of persons who read these two newspapers in Aghosh Colony and Dighospur is 52 and 200 respectively. Number of persons who read Ganashakti in Aghosh Colony and Dighospur is 33 and 121 respectively; while the persons who read Anand Bazar Patrika in Aghosh Colony and Dighospur are 32 and 117 respectively.

Number of persons in Aghosh Colony who read both of these newspapers is

- 13
- 20
- 19
- 14

Explanation

So we can see that number of people read both newspapers in Aghosh Colony is 13.

Correct answer is: A

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Question No: 20

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

A dishonest shopkeeper marks his goods 15% above the cost price and offers them a discount of 15% but he actually uses a false weight and gives only 900 grams in place of 1 kg. Find his overall gain or loss?

- 8.6%
- 11.11%
- 10%
- 9.5%

Explanation

Correct answer is: A

Question No: 21

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

In a village with a population of 3500 people, 60% are over 18 years old. Of these people, 70% are in favour of prohibiting smoking in public places. How many people over 18 years old are against prohibiting smoking in public places?

- 630
- 640
- 620
- 800

Explanation

Number of people over 18 years = 60% of 3500 = 2100.

Number of people in favour of prohibiting smoking in public places = 70% of 2100 = 1470.

So people over 18 years who are against prohibiting smoking in public places = 2100 – 1470 = 630. Hence option A.

Correct answer is: A

Question No: 22

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

In a family of three generations, Satish is married to Savita. They have one son Shyam who is married to Swati. Shyam has two children named Siddhi and Sonu. In this family, the ages of wives are $\frac{5}{6}$ th of their husbands' ages respectively. Satish's age is $\frac{5}{3}$ rd of Shyam's age. One year ago, Siddhi's age was $\frac{1}{3}$ rd of her father's present age. Two years later, Sonu's age will be $\frac{1}{3}$ rd of his mother's present age. If the sum of the ages of all the family members is 197, then find Savita's present age.

- 36 years
- 60 years
- 50 years
- Cannot be determined

Explanation Let Shyam's present age be x years. Satish's present age = $\frac{5}{3}x$ years
Swati is Shyam's wife and Savita is Satish's wife. Swati's age = $\frac{5}{6}x$ years and Savita's age = $\frac{25}{18}x$.

One year ago, Siddhi was $\frac{1}{3}$ rd her father's present age.

Sonu will be $\frac{1}{3}$ rd of his mother's present age two years later.

Sum of ages of all the family members is 197.

Correct answer is: C

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Question No: 23

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

If Swamy has two children and he truthfully answers yes to the question "Is at least one of your children a girl?" what is the probability that both his children are girls?

1/2

1/3

1

0

Explanation

There are two possible cases: BG, GG

Favourable case = 1, Possible cases = 2. Thus probability = 1/2.

Correct answer is: A

Question No: 24

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

A dealer buys a certain number of tables at a certain cost and sells each of them at 20% profit. He invests his total amount in buying some chairs and sells each at 30% profit. In all he gains Rs. 3920. What was his CP?

Rs. 6000

- Rs. 6500
- Rs. 7000
- Rs. 7650

Explanation

Solution: Let the CP of the tables be Rs. ‘ x ’. So SP = $1.2x$
The dealer invests Rs. $1.2x$ in buying some chairs and sells them at 30% profit.
Hence $SP = 1.2x + 0.36x = 1.56x$.
Hence when $CP = x$, profit = $0.56x$. Given that overall profit is Rs 3920.
So $0.56x = 3920$. Therefore $x = CP = (3920)/0.56 = \text{Rs. } 7000$.

Correct answer is: C

Question No: 25

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

A person moving upstream can travel a distance of 36 meters in 9 seconds while he will take half the time if he has to travel twice that distance downstream as travelled upstream. Find the speed of the person in still water?

- 10 m/s
- 12 m/s
- 15 m/s
- 18 m/s

Explanation

Let Speed of boat in still water be S_B and speed of stream be S_R
Upstream speed, $S_U = 36/9 = 4 \text{ m/s}$
Covering Downstream = Distance travelled is double = $2*36 = 72 \text{ m}$
Time taken is half = $9/2 = 4.5 \text{ sec}$
& downstream speed, $S_D = 72/4.5 = 16 \text{ m/s}$
Thus, the speed of the person in still water, $S_B = (S_D + S_U)/2 = 10 \text{ m/s}$
Hence, option A is the correct answer.

Correct answer is: A

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Question No: 26

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

The whole numbers from 0 to 46 (both inclusive) are written, from left to right, on a thin, long metal sheet, in the ascending order, all along its length, such that the space between any two successive digits is the same. If the sheet is now cut into three equal pieces along its length, using two cuts, what is the sum of the first and the last digit of the middle piece?

- 8
- 10
- 3
- 4

Explanation

0123...18	19.....	32	33.....46
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From 0 to 46, total number of digits = $10(1) + 37(2) = 84$

The division would be as shown in the above figure. 1 and 2 are present on either side of middle cut. So $1 + 2 = 3$ is the answer

Correct answer is: C

Question No: 27

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

A shopkeeper marks the selling price of an article 20% above his cost price, but allow 6% discount on the marked price to a customer. What price will a customer have to pay for an article which cost the shopkeeper Rs. 845.00?

- Rs. 1014.00
- Rs. 953.16
- Rs. 1055.62
- Rs. 865.00

Explanation

According to the question the price that a customer will have to pay = $845 \times 1.2 \times 0.94 =$ Rs. 953.16.

Correct answer is: B

Question No: 28

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

What was the day on 26th Jan., 1950?

Wednesday

Friday

Tuesday

Thursday

Explanation

Correct answer is: D

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Question No: 29

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

The cost of a diamond varies as the square of its weight. A diamond weighing 10 decigrams costs Rs. 1600. If the diamond breaks into two pieces whose weights are in the ratio 2:3, the loss incurred is.

768

256

576

832

Explanation

Let the constant be k

Cost = kw^2

$\Rightarrow 1600 = 100k$,

so, $k = 16$

as ratio of new weights = 2:3

Now, new weights are 4 & 6.

Cost of first piece = $16(4)^2$ = Rs 256

Cost of the second piece = $16(6)^2$ = Rs 576

Thus, total new cost is $256 + 576$ = Rs 832.

Loss incurred is $1600 - 832$ = Rs 768

Correct answer is: A

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Question No: 30

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

A four digit number has 7 in the thousands place and 3 in the hundreds place. This number is divisible by 3, 7 and 9. How many different values can the digit in the unit's place take?

- 3
- 5
- 2
- 1

Explanation

Let the four digit number be = $73xy$

If the number is divisible by 3, 7 and 9 => it must be divisible by 63

Also, least such number, $7300/63 = 115.8$ and greatest such number, $7399/63 = 117.4$

Hence, only two such possible number, $63 \times 116 = 7308$ and $63 \times 117 = 7371$

Correct answer is: C

Question No: 31

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

Three horses are tethered at 3 corners of a triangular plot of land having sides 20m, 30m and 40m each with a rope of length 7m. The area (in m^2) of the region of this plot, which can be grazed by the horses, is Use $\pi = 22/7$

77/3

75

77

80

Explanation

Correct answer is: C

Question No: 32

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

Two pipes can fill a cistern in 14 and 16 hours respectively. The pipes are opened simultaneously and it is found that due to leakage in the bottom, 32 minutes extra are taken for the cistern to be filled up. If the cistern is full, in what time would the leak empty it?

96 hours

102 hours

106 hours

112 hours

Explanation

If both filling pipes are working together, time taken to fill the tank will be $14 \times 16 / (14 + 16) = 112/15$ hrs.

But due to leak it takes 32 min more. Hence total time taken = $112/15 + 32/60 = 8$ hrs.

Let the leak takes x hours to empty the tank, so, $1/14 + 1/16 - 1/x = 1/8$.

By solving we get the answer as 112 hours.

Option D is the answer

Correct answer is: D

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Question No: 33

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

What is the compound interest on Rs. 5000 for 4 years if the rate of interest is 10% p.a. for the first 2 years and 20% p.a. for the next 2 years ?

Rs. 2320.50

Rs. 3712

Rs. 3745

Rs. 5368

Explanation

Amount is $5000 \times (1.1)^2 \times (1.2)^2 = 8712$.

CI is $8712 - 5000 = 3712$

Correct answer is: B

Question No: 34

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

30

35

40

20

Explanation

Option D

Correct answer is: D

Question No: 35

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

Sanju put equal amounts of money: one at 10% per annum compound interest payable half yearly and the second at a certain percent per annum compound interest payable

yearly. If he gets equal amounts after 2 years, what is the value of the second rate percent?

10%

Explanation

Let amount of principal = x .

For interest being calculated annually ,

$$A=P(1+R/100)^T$$

For interest being calculated half yearly ,

$$A=P(1+R/100)^{2T}$$

As first amount = Second amount

$$x(1+5/100)^4 = x(1 + r/100)^2, \text{ gives } r = 41/4 \%$$

Hence option D.

Correct answer is: D

Question No: 1

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

'A - B' means 'A is brother of B'.

'A # B' means 'A is daughter of B'.

'A @ B' means 'A is wife of B'.

'A + B' means 'A is son of B'.

Which of the following means P is sister of S?

$$P + Q @ R + S$$

$$P + Q # R @ S$$

$$P # Q @ R + S$$

None of these

Explanation

As $P + Q$ means P is the son of Q, so from 1st two options, we can say that P is the son of Q, it means P is a male, hence P cannot be somebody's sister.

From 3rd option, we can infer that P is the daughter of Q and R. Also R is the son of S. Hence P is granddaughter of S.

So, none of the options results in 'P is sister of S'.

Correct answer is: D

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Question No: 2

DIRECTIONS for the question: Go through the pie chart/s given below and answer the question that follows.

The car industry in India is divided into two types of cars - small size and medium size cars. Total car sales in 2009-10 were 224250 and small size car sales comprised 80% of the total car sales. All cars manufactured in a year are sold in the same year leading to zero inventory carrying costs. Tata manufactures only medium size cars. Among the medium size cars, I-10 is manufactured by Hyundai only. Hyundai manufacture no other medium size car.

The two medium-sized cars, whose difference in market share figures (calculated in percentage) in 2009-10 and 2008-09 is minimum are

- Spark and Nano
- I-10 and Nano
- I-10 and Spark
- I-10 and Ritz

Explanation

The minimum difference is for each Nano and Spark.

Option A

Correct answer is: A

Question No: 3

DIRECTIONS for the question: Go through the pie chart/s given below and answer the question that follows.

The car industry in India is divided into two types of cars - small size and medium size

cars. Total car sales in 2009-10 were 224250 and small size car sales comprised 80% of the total car sales. All cars manufactured in a year are sold in the same year leading to zero inventory carrying costs. Tata manufactures only medium size cars. Among the medium size cars, I-10 is manufactured by Hyundai only. Hyundai manufactures no other medium size car.

If the total manufacturing capacity of Tata (the company manufacturing Nano) in 2009-10, is 70,000, its capacity utilization (percentage) in 2009-10 is

- 18.4%
- 17.9%
- 16 %
- 5.6%

Explanation

Option C

Correct answer is: C

Question No: 4

DIRECTIONS for the question: In the question, some symbols are used which define the relationship between two categories. Using those, solve the question and mark

- P @ Q means P is neither smaller than nor equal to Q
- P # Q means P is neither greater than nor equal to Q
- P \$ Q means P is neither greater nor smaller than Q
- P % Q means P is not greater than Q
- P & Q means P is not smaller than Q

Statements: P&Q, Q%R, R\$\$

Conclusions: I. Q\$\$ II. P#S

- if only conclusion I is true.
- if only conclusion II is true.
- if either conclusion I or II is true.
- if neither conclusion I nor II is true.

Explanation @ :>

- # : <
- \$: =
- % : \leq
- & : \geq

$$P \geq Q \leq R = S$$

- I. Q = S False
- II. P < S False

Correct answer is: D

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Question No: 5

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.

Statements : Some TV's are roads. All roads are cots.

Conclusions :

- I. All cots are roads
- III. All TV's are cots

- II. Some TV's are cots
- IV. Some roads are TV's

Conclusions III and IV follow

Only conclusion I follows

Conclusion I, II and IV follow

Conclusions II and IV follow

Explanation

Statements : Some TV's are roads. All roads are cots.

Conclusions :

- I. All cots are roads (may be may be not)
 - II. Some TV's are cots (true)
 - III. All TV's are cots (may be may be not)
 - IV. Some roads are TV's (true)
- Hence, conclusion II and IV follows

Correct answer is: D

Question No: 6

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

Information:

A training college has to conduct a refresher course for teachers of seven different subjects-Mechanics, Psychology, Philosophy, Sociology, Economics, Science and Engineering from 22nd July to 29th July.

- I. Course should start with Psychology.
- II 22nd July, being Sunday should be holiday.
- III. Science subject should be on the previous day of the Engineering subject.
- IV. Mechanics should be on 29th July, Sunday.
- V. There should be a gap of one day between Economics and Engineering.
- VI. There should be a gap of one day between Mechanics and Sociology.
- VII. There should be a gap of two days between Sociology and Economics.

Which subject will be on Tuesday?

Mechanics

Engineering

Economics

Psychology

Explanation

From the information we can conclude the following

Date day	23 july monday	24 july tuesday	25 july wednesday	26 july thursday	27 july friday	28 july saturday	29 july sunday
subject	psychology	economics	Science	Engg.	sociology	philosophy	mechanics

So economics will be on Tuesday.

Correct answer is: C

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Question No: 7

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

A cube, on whose sides letters have been written, is shown below in different positions as can be seen from different directions. Which letter will replace ‘?’ mark?

- S
- D
- Y
- W

Explanation

Careful observation shows that the alphabets on the four sides of D are M, S, U and Y. Now, the alphabet left is W which must be opposite to D. Hence the ? should be Y.

Correct answer is: C

Question No: 8

DIRECTIONS for the question: In the following series, one of the terms given is **wrong**. Find that term and mark that as your answer.

102, 101, 98, 93, 86, 74, 66, 53

- 101
- 66
- 74
- 93

Explanation

$$\begin{aligned}102 - 1 &= 101 \\101 - 3 &= 98 \\98 - 5 &= 93 \\93 - 7 &= 86 \\86 - 9 &= 77 \\77 - 11 &= 66 \\66 - 13 &= 53\end{aligned}$$

Therefore, 77 is the correct number which should replace the wrong number 74. So option C.

Correct answer is: C

Question No: 9

DIRECTIONS for the Question: Each question is followed by two statements A and B. answer the question using the following instructions.

How many people watch program P?

- A. The number watching Q is 1000 ; The number watching both P & Q is 100
- B. The number of people watching either P or Q or both is 1500

Choose the correct option

If the question can be answered by using one of the statements alone, but cannot be answered using the other statement alone

If the question can be answered by using either statement alone

If the question can be answered by using both statements together, but cannot be answered using either statement alone

If the question cannot be answered even by using both statements together

Explanation

$P \text{ or } Q \text{ or both} = P + Q + P \cap Q = 1500$, $Q = 1000$, implies only $P = 1500 - 1000 = 500$

So, P (including only P and $P \cap Q$) = $500 + 100 = 600$.

Both the statements required together, hence option C.

Correct answer is: C

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Question No: 10

DIRECTIONS for the question: In the question, some symbols are used which define the relationship between two categories. Using those, solve the question and mark

$P @ Q$ means P is neither smaller than nor equal to Q

$P \# Q$ means P is neither greater than nor equal to Q

P \$ Q means P is neither greater nor smaller than Q

P % Q means P is not greater than Q

P & Q means P is not smaller than Q

Statements: A @ B, B \$ C, C # D

Conclusions: I. A#D II. B@D

if only conclusion I is true.

if only conclusion II is true.

if either conclusion I or II is true.

if neither conclusion I nor II is true.

Explanation @ :>

: <

\$: =

% : ≤

& : ≥

A > B = C < D

I. A < D False

II. B > D False

Correct answer is: D

Question No: 11

DIRECTIONS for the question: Go through the pie chart/s given below and answer the question that follows.

The car industry in India is divided into two types of cars - small size and medium size cars. Total car sales in 2009-10 were 224250 and small size car sales comprised 80% of the total car sales. All cars manufactured in a year are sold in the same year leading to zero inventory carrying costs. Tata manufactures only medium size cars. Among the medium size cars, I-10 is manufactured by Hyundai only. Hyundai manufacture no other medium size car.

If in the smaller car segment, Hyundai holds 80% of the market share, then the total number of cars manufactured by Hyundai in 2009-10 is?

165545

165945

165745

Cannot be determined

Explanation For Hyundai =>

Total small size cars manufactured in 2009-10 = $224,250 \times 0.8 \times 0.8$. Total medium size cars manufactured in 2009-10 = $224,250 \times 0.2 \times 0.5$. Total cars manufactured by Hyundai in 2009-10 = $(224,250 \times 0.8 \times 0.8) + (224,250 \times 0.2 \times 0.5) = 165,945$

Correct answer is: B

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Question No: 12

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

- 'A - B' means 'A is brother of B'.
- 'A \times B' means 'A is daughter of B'.
- 'A * B' means 'A is wife of B'.
- 'A + B' means 'A is son of B'.

How is T related to P in the expression 'P + Q \times R * T' ?

- Maternal grandmother
 - Maternal grandfather
 - Paternal grandmother
 - Grandson
- Explanation**

So T is maternal grandfather of P.

Correct answer is: B

Question No: 13

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

If $264 * 2 = 6$, $870 * 3 = 11$, then what should $735 * 5$ be?

- 16
- 03
- 05
- 12

Explanation

Hence the answer is option 4

Correct answer is: D

Question No: 14

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

In a certain code language "sad jo na" stands for "he is good". "Pat na rok" means "she is clever", and " rot sad od" stands for " he went there". In the same code language which word stands for "good" ?

- Sad
- Jo
- Na
- Rot

Explanation

From 1st and 2nd statement " is" =Na
From 1st and 3rd statement " he"= sad
So 'jo' is good

Correct answer is: B

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Question No: 15

DIRECTIONS for the question: Read the following information and choose the best alternative:

Following are the criteria required to be fulfilled to gain admission into any engineering college in Delhi.

i) The candidate should have secured at least 60% marks in HSC or 50% marks in CBSE.

ii) a) The candidate should have pass in HSC with academic subjects namely Mathematics, Physics and Chemistry put together with a minimum average percent are only eligible to apply.

(or)

b) A pass in any one of the HSC vocational subjects with any one of the Engineering related subjects namely Mathematics, Physics or Chemistry with a minimum average percent are also eligible to apply.

iii) The candidate should be a resident of Delhi i.e. the candidate who has passed XI and XII std. in Delhi.

iv) The candidate should have secured at least 60% marks in the entrance exam.

A) At i) above, but the candidate has good sports record, the candidate is admitted under sports quota.

B) At iii) above, but their parents or guardians have been serving in Delhi continuously for the past five years at the time of admissions. They are also eligible to apply and the candidates are admitted under other state quota. In each question below details of one candidate is given. You have to take one of the following course of action based on the information provided and the conditions and sub- conditions given above and mark the number of that course of action as your answer. You are not to assume anything other than the information provided in each question. All these cases are given to you as on 01.10.2017.

Suvarna scored 80% marks in HSC with vocational subjects. She studied XI and XII std. in Delhi.

If admission can be granted

If admission cannot be granted

If the data are inadequate to take a decision

If the candidate is admitted under sports quota

Explanation The mark scored by Suvarna in entrance exam is not given. Hence, the data are inadequate to take a decision.

Correct answer is: C

Question No: 16

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.

Statements: Only Bulls Eye does CRT work. Neeraj does not do CRT work. Sarita is in Bulls Eye

Conclusions :

I. Sarita does CRT work
III. Neeraj is not in Bulls Eye.

II. Sarita does not do CRT work
IV. Neeraj is in Bulls Eye

None follows

Conclusion I & III follow

Conclusion I and IV follow

Conclusions II and III follow

Explanation

All the conclusions are uncertain, because the statement "Only Bulls Eye does CRT", doesn't mean all the people in Bulls Eye do CRT and Bulls Eye does not do any other work. So none follows. Option 1st is the answer.

Correct answer is: A

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Question No: 17

DIRECTIONS for the question: Study the following information carefully and answer the question.

An exhibition is open for public since 9 a.m. till 3 p.m. and again since 4 p.m. till 10 p.m. In a day there are 12 batches of 1 hour each. The entry ticket bears a pass-code made up of seven words, which changes every hour following a particular rule. The pass-codes for 4 p.m. to 10p.m. are same as those for respective hours during 9a.m. till 3 p.m. i.e. the pass – code for 4 p.m. to 5 p.m. is same as of 9 a.m. to 10 a.m. and so on. Following is an illustration of the code and steps of rearrangement for subsequent clock hours and so on.

		Day's Pass - Code
First batch	9 a.m. to 10 a.m.	dig more and you will find water.

	(4 p.m. to 5 p.m.)	
Second batch	10 a.m. to 11 a.m. (5 p.m. to 6 p.m.)	and dig find you water will more.
Third batch	11 a.m. to 12 noon (6 p.m. to 7 p.m.)	find and will you more water dig.

If the pass – code for the batch 4 p.m. to 5 p.m. is ‘go to office in time every day’, what will be the pass – code for 2 p.m. to 3 p.m. batch ?

- day to go in every office time
- to day go in every office time
- to go day in every office time
- to go in day every office time

Explanation

The order of words changes from one batch to the next as follows: 1st word becomes 2nd, the 2nd becomes the last, the 3rd becomes the 1st + 4th remains the same, the 5th becomes the 6th + 6th becomes the 3rd and the last becomes the 5th

Dig – 1; more -2; and -3; you -4; will-5; find -6; water -7

1st batch 9am to 10am 1 2 3 4 5 6 7

(4pm to 5pm)

2nd batch 10am to 11am 3 1 6 4 7 5 2

(5pm to 6pm)

3rd batch 11am to 12am 6 3 5 4 2 7 1

(6pm to 7pm)

4th batch 12:00 to 1pm 5 6 7 4 1 2 3

(7pm to 8pm)

5th batch 1pm to 2pm 7 5 2 4 3 1 6

(8pm to 9pm)

6th batch 2pm to 3pm 2 7 1 4 6 3 5

(9pm to 10pm)

If the code for the batch 4 p.m. to 5 p.m. is ‘go to office in time every day’, which represents '1 2 3 4 5 6 7' then the code for 2 pm to 3 pm will be '2 7 1 4 6 3 5' which represents ‘to day go in every office time’. Hence option B.

Correct answer is: B

Question No: 18

DIRECTIONS for the question: Study the following information carefully and answer the question.

An exhibition is open for public since 9 a.m. till 3 p.m. and again since 4 p.m. till 10 p.m. In a day there are 12 batches of 1 hour each. The entry ticket bears a pass-code made up of seven words, which changes every hour following a particular rule. The pass-codes for 4 p.m. to 10p.m. are same as those for respective hours during 9a.m. till 3 p.m. i.e. the pass – code for 4 p.m. to 5 p.m. is same as of 9 a.m. to 10 a.m. and so on.

Following is an illustration of the code and steps of rearrangement for subsequent clock hours and so on.

		Day's Pass - Code
First batch	9 a.m. to 10 a.m. (4 p.m. to 5 p.m.)	dig more and you will find water.
Second batch	10 a.m. to 11 a.m. (5 p.m. to 6 p.m.)	and dig find you water will more.
Third batch	11 a.m. to 12 noon (6 p.m. to 7 p.m.)	find and will you more water dig.

If the pass – code for 7 p.m. to 8 p.m. batch is ‘pen with write pencil nice time day’, what will be the pass – code for 11 a.m. to 12 noon “

day nice with pencil write pen time

day with nice pencil write pen time

nice day with pencil write pen time

None of these

Explanation

The order of words changes from one batch to the next as follows: 1st word becomes 2nd, the 2nd becomes the last, the 3rd becomes the 1st + 4th remains the same, the 5th becomes the 6th + 6th becomes the 3rd and the last becomes the 5th

Dig – 1; more -2; and -3; you -4; will-5; find -6; water -7

1st batch 9am to 10am 1 2 3 4 5 6 7
(4pm to 5pm)

2nd batch 10am to 11am 3 1 6 4 7 5 2
(5pm to 6pm)

3rd batch 11am to 12am 6 3 5 4 2 7 1
(6pm to 7pm)

4th batch 12:00 to 1pm 5 6 7 4 1 2 3
(7pm to 8pm)

5th batch 1pm to 2pm 7 5 2 4 3 1 6
(8pm to 9pm)

6th batch 2pm to 3pm 2 7 1 4 6 3 5
(9pm to 10pm)

If the code for 7 p.m. to 8 p.m. is ‘pen with write pencil nice time day’, which represents '5 6 7 4 1 2 3' then code for 11 am to 12 noon will be '6 3 5 4 2 7 1' which represents ‘with day pen pencil time write nice’. Hence option 4.

Correct answer is: D

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Question No: 19

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.

Statements : All lions are vertebrates. All vertebrates are thin.

Conclusions :

- I. All lions are thin
- III. All vertebrates are lions

- II. All thin vertebrates are lions
- IV. All lions are tigers

- Only Conclusion II follows
- Only Conclusion I follows
- Only Conclusion IV follows
- Only Conclusion III follows

Explanation

From the given statements, we get the following conclusions :

- I. Some vertebrates are lions
 - II. Some thin are vertebrates
 - III. All lions are thin
 - IV. Some thin are lions
- So from given conclusions, only I is correct

Correct answer is: B

Question No: 20

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

In a certain code SOUTHERN is written as UVPTMQDG How is MARIGOLD written in that code ?

JSBCNFKS

JSBNHPME

JSBNCKNF

Explanation

For 1st for letters + 1 and reverse, for last four letters - 1 and reverse

Correct answer is: C

Question No: 21

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

P, Q, R, T, V, W and Z are seven football players each playing for a different team, viz. Green, Red and Blue, with at least two of them in each of these teams. Each of them likes a fruit, viz. Apple, Guava, Banana, Orange, Mango, Papaya and Watermelon, not necessarily in the same order.

Q plays with V in team Blue and he likes Mango. None of those who play for either team Red or team Green like either Guava or Banana . T plays for only the one who likes Watermelon. W likes Papaya and he plays in team Red. The one who likes Orange does not play in team Red. Z likes Watermelon and he plays for team Green. P likes Apple and he plays for team Red. R does not like Guava.

Which fruit does P like?

- Banana
- Guava
- Apple
- Papaya

Explanation

	Apple	Guava	Banana	Orange	Mango	Papaya
Red	P					W
Blue		V	R		Q	
Green				T		

It is given that P likes Apple.

Correct answer is: C

Question No: 22

DIRECTIONS for the question: In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

Explanation

Studying the semicircular figures outside the pentagon we notice that the semicircle on the left gets inverted every time so it should be facing outside in the answer hence only (1) satisfies it. hence only (1) can be correct.

Correct answer is: A

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Question No: 23

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

$$\begin{array}{ccc} 8 & 10 & 12 \\ 5 & 7 & 9 \\ 12 & 14 & ? \end{array}$$

- 16
- 15
- 18
- 17

Explanation

$$8+2=10+2=12$$

$$5+2=7+2=9$$

Hence answer

$$12+2=14, 14+2=16$$

Correct answer is: A

Question No: 24

DIRECTIONS for the Question: Each question is followed by two statements A and B. answer the question using the following instructions.

If the question can be answered by using one of the statements alone, but cannot be answered using the other statement alone

If the question can be answered by using either statement alone

If the question can be answered by using both statements together, but cannot be answered using either statement alone

If the question cannot be answered even by using both statements together

Explanation

If $a/b = d/e$ then they will not intersect otherwise they will. Since everything will depend on the values of a, b, d and e, the answer is 4

Correct answer is: D

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Question No: 25

DIRECTIONS for the question: Read the following information and choose the best alternative:

Following are the criteria required to be fulfilled to gain admission into any engineering college in Delhi.

i) The candidate should have secured at least 60% marks in HSC or 50% marks in CBSE.

ii) a) The candidate should have pass in HSC with academic subjects namely Mathematics, Physics and Chemistry put together with a minimum average percent are only eligible to apply. (or)

b) A pass in any one of the HSC vocational subjects with any one of the Engineering related subjects namely Mathematics, Physics or Chemistry with a minimum average percent are also eligible to apply.

- iii) The candidate should be a resident of Delhi i.e. the candidate who has passed XI and XII std. in Delhi.
iv) The candidate should have secured at least 60% marks in the entrance exam.

A) At i) above, but the candidate has good sports record, the candidate is admitted under sports quota.

B) At iii) above, but their parents or guardians have been serving in Delhi continuously for the past five years at the time of admissions. They are also eligible to apply and the candidates are admitted under other state quota. In each question below details of one candidate is given. You have to take one of the following course of action based on the information provided and the conditions and sub- conditions given above and mark the number of that course of action as your answer. You are not to assume anything other than the information provided in each question. All these cases are given to you as on 01.10.2017.

Nimashi secured 72% marks in HSC with academic subjects and secured 65% marks in entrance exam. She studied HSC in Bihar. Her father is working in Delhi from 2010.

If admission can be granted

If admission cannot be granted

If the data are inadequate to take a decision

If the Candidate is admitted under other state quota

Explanation Nimashi does satisfy conditions (i), (ii), (B) and (iv). So, admission can be granted under other state quota

Correct answer is: D

Question No: 26

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

a_ _ b abba _ abba _ ba

abab

abba

aabb

aaab

Explanation

So option A gives a repeating pattern of ABBABBA.

Correct answer is: A

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Question No: 27

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

P, Q, R, T, V, W and Z are seven football players each playing for a different team, viz. Green, Red and Blue, with at least two of them in each of these teams. Each of them likes a fruit, viz. Apple, Guava, Banana, Orange, Mango, Papaya and Watermelon, not necessarily in the same order.

Q plays with V in team Blue and he likes Mango. None of those who play for either team Red or team Green like either Guava or Banana . T plays for only the one who likes Watermelon. W likes Papaya and he plays in team Red. The one who likes Orange does not play in team Red. Z likes Watermelon and he plays for team Green. P likes Apple and he plays for team Red. R does not like Guava.

Which of the following combinations is incorrect?

Blue - Q – Apple

Red-P-Guava

Blue - R – Orange

All are incorrect

Explanation

	Apple	Guava	Banana	Orange	Mango	Papaya
Red	P					W
Blue		V	R		Q	
Green				T		

From the above table, we can see that all options are incorrect.

Correct answer is: D

Question No: 28

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

P, Q, R, T, V, W and Z are seven football players each playing for a different team, viz. Green, Red and Blue, with at least two of them in each of these teams. Each of them likes a fruit, viz. Apple, Guava, Banana, Orange, Mango, Papaya and Watermelon, not necessarily in the same order.

Q plays with V in team Blue and he likes Mango. None of those who play for either team Red or team Green like either Guava or Banana . T plays for only the one who likes Watermelon. W likes Papaya and he plays in team Red. The one who likes Orange does not play in team Red. Z likes Watermelon and he plays for team Green. P likes Apple and he plays for team Red. R does not like Guava.

Which of the following players play for team Red?

- WP
- TZ
- WR
- WV

Explanation

	Apple	Guava	Banana	Orange	Mango	Papaya
Red	P					W
Blue		V	R		Q	
Green				T		

As we can see from the figure WP is the desired combination as both of them play for team red, so 1st option.

Correct answer is: A

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Question No: 29

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

Radhika moved a distance of 80 metres towards North. She then turned to the left and after walking for another 20 metres, turned to the left again. She walked for another 80

metres. Finally, she turned to the right at an angle of 45 degrees. In which direction was she moving finally?

South-East

North-West

North-East

South-West

Explanation

She walks 80 m from A to B, then turns left and walks 20 m from B to C, takes a left turn and walks 80 m from C to D, then takes a right turn at 45 degrees to walk along DE. So, she is finally walking South West. Hence, the correct answer is option D.

Correct answer is: D

Question No: 30

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

Information:

A training college has to conduct a refresher course for teachers of seven different subjects-Mechanics, Psychology, Philosophy, Sociology, Economics, Science and Engineering from 22nd July to 29th July.

- I. Course should start with Psychology.
- II 22nd July, being Sunday should be holiday.
- III. Science subject should be on the previous day of the Engineering subject.
- IV. Mechanics should be on 29th July, Sunday.
- V. There should be a gap of one day between Economics and Engineering.
- VI. There should be a gap of one day between Mechanics and Sociology.
- VII. There should be a gap of two days between Sociology and Economics.

The refresher course will end with which one of the following subjects?

Psychology

Mechanics

Philosophy

Economics

Explanation

From the information we can conclude the following:

Date day	23 july monday	24 july tuesday	25 july wednesday	26 july thursday	27 july friday	28 july saturday	29 july sunday
subject	psychology	economics	Science	Engg.	sociology	philosophy	mechanics

Hence the refresher course will end with mechanics.

Correct answer is: B

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Question No: 1

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

Victims are everywhere these days, whining about one thing or another. Sometimes they are still complaining about things that happened decades ago (or even hundreds of years ago to other people with the same skin colour); sometimes they seem to be 'status-victims' who feel entitled to oppress others because of their special personal sense of oppression. Very few seem to be complaining justifiably, or even comprehensibly, about some genuinely significant injustice being done to them right now that others should address. This is not healthy. Much of the limited space for morality in politics is being taken over by the study and art of victimhood at the expense of proper moral reasoning. It has a deleterious effect on public discourse and behaviour, with people seeming to compete more about their degrees of victimhood than the rights and wrongs of their case.

In the normal case victims deserve compassion followed by immediate justice. For this we employ sympathy - a forensic tool for comprehending and assessing the situation of those who claim victimhood. It should not be mistaken for straightforward empathy with the feelings of others. But this goes wrong when victims are automatically assumed good and right. Then victimhood itself becomes the measure and the end of justice, and more and more people step up to claim it since it offers both a short-cut to credibility and the chance to wallow, child-like, in the comfortable helplessness provided by misguided public empathy. Proper moral analysis is short-circuited by shallow declarations of suffering that becomes little more than dysfunctional and pitiful whining.

Why do we listen to victims? It is sometimes thought that they have some special epistemic authority - a finely tuned sense for oppression (let's leave earthquakes aside and confine ourselves to the evils that humans can inflict on each other). That may be the case for

victims of genuine oppression with respect to their immediate situation - they are the relevant witnesses at the trial, etc. However victimhood needs to fulfil certain criteria before a victim may be considered an expert on anything: truth and understanding.

First, feeling like a victim is no guarantee that one has been properly oppressed, in part because such feelings are not a zero-sum game: all sides in any interaction can feel persecuted e.g. many whites felt they were the victims of the US 1960's civil rights movement (they only shut up and moved on, eventually, because most people didn't agree). Proving injustice can only be achieved by actual arguments, not feelings.

Second, some people suffer as victims without really understanding what's going on - most obviously in cases of child abuse. Not to belittle their real suffering, but, unless they made a particular study of the subject afterwards, what can they really say about it that's relevant to our understanding of the problem?

Now of course there are victims of genuinely terrible oppression - such as ethnic cleansing or the persecution of homosexuals - who might have a special sensitivity to the situational factors preceding or surrounding such oppression. A death camp survivor who criticises the rhetoric of a populist rightwing politician for what it implies should probably be listened to since he may recognise something others wouldn't. But he isn't necessarily right - that depends on the arguments he can give, not his feelings.

According to the author of the passage, one mistake that we commit with victims is:

- we assume that things that happened to them are relevant for us
- we assume victims deserve compassion followed by justice
- we assume victims speak from a position of authority
- we automatically assume victims are good and right

Explanation

This is a direct question and the answer can be found in the lines: *In the normal case victims deserve compassion followed by immediate justice. For this we employ sympathy - a forensic tool for comprehending and assessing the situation of those who claim victimhood. It should not be mistaken for straightforward empathy with the feelings of others. But this goes wrong when victims are automatically assumed good and right.*

Correct answer is: D

Question No: 2

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

Victims are everywhere these days, whining about one thing or another. Sometimes they are still complaining about things that happened decades ago (or even hundreds of years ago to other people with the same skin colour); sometimes they seem to be 'status-victims' who feel entitled to oppress others because of their special personal sense of oppression. Very few seem to be complaining justifiably, or even comprehensibly, about some genuinely significant injustice being done to them right now that others should address. This is not healthy. Much of the limited space for morality in politics is being taken over by the study and art of victimhood at the expense of proper moral reasoning. It has a

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All of the following can be apt titles for the passage except:

- Victims of Victims
- The cult of victimhood
- Victims can victimise
- The worship of a victimless world

Explanation

In the given case, the first three options are based on the central idea of the passage: that victims are not necessarily right and they exploit the situation. Options A, B and C highlight this and thus, can be apt titles for the passage.

Correct answer is: D

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Question No: 3

DIRECTIONS for the question: Choose the option which is grammatically correct and expresses the meaning of sentence correctly.

In the following sentences, four sentences labelled A, B, C and D are given. You have to select the sentence which is in accordance with the rules of grammar followed in Standard Written English.

Goriot had brought with himself a considerable wardrobe, the gorgeous outfit of a retired tradesman who denies himself nothing.

Goriot had brought with him a considerable wardrobe, the gorgeous outfit of a retired tradesman who denies himself nothing.

Goriot had brought with him a considerable wardrobe, the gorgeous outfit of a retired tradesman who denies him nothing.

Goriot had bought with him a considerable wardrobe, the gorgeous outfit of a retired tradesman who denies himself nothing.

Explanation The correct phrase will be 'who denies him nothing' as 'who' refers to the tradesman'

Correct answer is: C

Question No: 4

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

PANIC

Alarm

Indifference

Serenity

Cautiousness

Explanation Panic means sudden uncontrollable fear or anxiety, so the opposite would be 'serenity'

Correct answer is: C

Question No: 5

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

In 1893, Theodore Roosevelt published an article in defense of college football. As player injuries mounted, some critics had called for a ban on the game. Nonsense, the future president wrote. "It is mere unmanly folly to try to do away with the sport because the risk exists." Instead, he argued, reform football to "minimize" its dangers.

Sound familiar? As millions of American boys and young men take to our football fields this fall, there's lots of talk about making the game safer. We've seen new rules on tackling, stronger penalties for infractions and time limits on practices. But it's unlikely that these changes will significantly reduce injuries. For the last century, schools and colleges have tried to modify the game so fewer people get hurt. And it hasn't worked.

The first changes took place in the early 1900s. Before that time the game resembled rugby, with players piling on top of one another to control the ball. They could pass it sideways or backward but not forward.

The results were predictable: smashed noses, dislocated shoulders, broken necks and fractured skulls. Dozens of young men died, mostly from cerebral hemorrhage. "The sight of a confused mass of educated young men making batter-rams of their bodies, plunging their heads into each other's stomachs, piling upon each other or maiming each other for life — sometimes indeed ... killing each other ... is to me a brutal monstrosity," declared Cornell President Andrew D. White in 1891.

Fourteen years later, having ascended to the White House, Roosevelt convened a meeting of coaches from Harvard, Yale and Princeton. Amid newspaper reports of 18 football deaths that fall, the 1905 meeting set in motion a series of reforms to protect players from injury — and to guard the sport from critics who wanted to end it altogether.

The most controversial innovation was the forward pass, which would spread players more widely and decrease the amount of contact between them. But the leading opponent of the reform, Yale coach Walter Camp, warned that players streaking downfield would face even greater danger than the ones clumped together near the line of scrimmage. Camp turned out to be correct.

The recent increase of concussions — at every level of the sport — is partly due to "pass-first" offenses, which have led to more high-speed collisions. By stopping the game clock for incompletions, passing has also increased the total number of plays and, with it, the opportunities for injury.

Ditto for helmets, another reform designed to reduce harm on the field. In the early years of the game, some players grew their hair long to provide a modicum of head protection. Others began to wear leather helmets, which were developed by an Annapolis shoemaker to protect a Navy midshipman after the player's doctor told him that he might die from another hit to his head.

Enter the plastic helmet, which provided more cushioning. But it also became a weapon in its own right, allowing players to "lead with their heads" as they tackled. Despite new restrictions on that practice, helmet-to-helmet hits remain one of the key causes of concussions and other injuries.

And the most common victims are kids, who are starting football at ever-younger ages. Their necks aren't fully developed, so they can't brace for a hit the way adults can. And their braincases haven't finished hardening, which makes their skulls more vulnerable to impact.

By the time they get to high school, kids have a 5% chance of sustaining a concussion for each season they play. And as a 2011 study showed, former football players who sustained two or more concussions in their youth have a significantly higher rate of cognitive impairment as adults.

The issue made its way back to the White House in May, when President Obama convened a meeting of coaches, doctors and scientists to discuss sports-related concussions. But the most powerful voice in the room was one that didn't exist back in Roosevelt's time: the National Football League.

A judge recently approved a settlement to compensate retired NFL players suffering the effects of head injuries that is likely to cost the league several hundred million dollars. It also announced this year that it would donate \$45 million to the youth organization it founded, USA Football, in part to expand safety training for coaches.

As the richest sports enterprise in America, the NFL can absorb almost any legal hit that comes its way. But our high schools can't. And the league needs them to continue sponsoring football teams, which — alongside college squads — are the main training system for the pros.

If he had a son, the president said last year, he'd "have to think long and hard" before letting him play football. But the rest of us need to think long and hard too about why we're putting so many kids at risk to subsidize a league that's already awash in money. And if we think we can wash away the risk, we're kidding ourselves.

Identify the incorrect statement.

The changes made in the game of college football have only managed to make a minimal impact on the sport and have not reduced major injuries.

Since the game of football stops the game clock for incompletions, the effective playing time has increased.

The plastic helmet has had deleterious impact on the safety of football players.

In comparison to high school students who play college football, the vulnerability of kids to concussions is lower but they do face other serious injuries while playing football.

Explanation

Option 1 is a correct statement. Refer to the lines: *We've seen new rules on tackling, stronger penalties for infractions and time limits on practices. But it's unlikely that these changes will significantly reduce injuries. For the last century, schools and colleges have tried to modify the game so fewer people get hurt. And it hasn't worked.*

Option 2 can be derived from the lines: *By stopping the game clock for incompletions, passing has also increased the total number of plays and, with it, the opportunities for injury.*

Option 3 can be derived from the lines: *Enter the plastic helmet, which provided more cushioning. But it also became a weapon in its own right, allowing players to "lead with their heads" as they tackled. Despite new restrictions on that practice, helmet-to-helmet hits remain one of the key causes of concussions and other injuries.*

Option 4 is the incorrect statement. This comparison is not made in the passage.

Correct answer is: D

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Question No: 6

DIRECTIONS for the question: Fill in the blank with the right options provided.

Our tragic experience in the recent past provides an index _____ the state of lawlessness in this region.

of
in
at
by

Explanation

Here the word 'index' means something that can be used for measuring how a situation is changing.

Correct answer is: A

Question No: 7

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

In 1893, Theodore Roosevelt published an article in defense of college football. As player injuries mounted, some critics had called for a ban on the game. Nonsense, the future

president wrote. "It is mere unmanly folly to try to do away with the sport because the risk exists." Instead, he argued, reform football to "minimize" its dangers.

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The results were predictable: smashed noses, dislocated shoulders, broken necks and fractured skulls. Dozens of young men died, mostly from cerebral hemorrhage. "The sight of a confused mass of educated young men making batter-rams of their bodies, plunging their heads into each other's stomachs, piling upon each other or maiming each other for life — sometimes indeed ... killing each other ... is to me a brutal monstrosity," declared Cornell President Andrew D. White in 1891.

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The most controversial innovation was the forward pass, which would spread players more widely and decrease the amount of contact between them. But the leading opponent of the reform, Yale coach Walter Camp, warned that players streaking downfield would face even greater danger than the ones clumped together near the line of scrimmage. Camp turned out to be correct.

The recent increase of concussions — at every level of the sport — is partly due to "pass-first" offenses, which have led to more high-speed collisions. By stopping the game clock for incompletions, passing has also increased the total number of plays and, with it, the opportunities for injury.

Ditto for helmets, another reform designed to reduce harm on the field. In the early years of the game, some players grew their hair long to provide a modicum of head protection. Others began to wear leather helmets, which were developed by an Annapolis shoemaker to protect a Navy midshipman after the player's doctor told him that he might die from another hit to his head.

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their braincases haven't finished hardening, which makes their skulls more vulnerable to impact.

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If he had a son, the president said last year, he'd "have to think long and hard" before letting him play football. But the rest of us need to think long and hard too about why we're putting so many kids at risk to subsidize a league that's already awash in money. And if we think we can wash away the risk, we're kidding ourselves.

Identify the correct statement.

The first change in college football took place in the 1890s, with Theodore Roosevelt coming into the equation.

The changes in the game of college football have had results contrary those sought by the situation.

The recent increase of injuries in the sport of college football is because of the apathy of the administrators.

The NFL, the richest sports enterprise globally, has the muscle and financial power to fight any legal hurdles.

Explanation

Option 1 is incorrect. Refer to the lines: *The first changes took place in the early 1900s.*

Option 2 is the correct answer. It represents the general idea of the passage. The author has quoted multiple exams for the same in the passage.

Option 3 is incorrect. Even though is a tempting option, there is no conclusive evidence for the sentiment of apathy on behalf of the administrators.

Option 4 is incorrect as the passage states that the NFL is the richest sports body in America, not globally.

Correct answer is: B

Question No: 8

DIRECTIONS for the question: Fill in the blank with the right options provided.

He must refrain _____ immoral conducts.

- Off
- Through
- From
- Against

Explanation

'from' here is the correct choice. It is used to indicate separation, exclusion or removal.

Correct answer is: C

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Question No: 9

DIRECTIONS for the question: In the question, each word is followed by five options. Choose the option which is the closest **antonym** of the given words. While choosing your answer, keep in mind the finer distinctions in the meaning and usage of certain words.

AUGMENT

- Increase
- Argument
- Diminish
- Delay

Explanation Augment means increase so opposite would be diminish.

Correct answer is: C

Question No: 10

DIRECTIONS for the question: Answer the question based on the following passage.

In 2003 an airline in United State lost more than half, on average, of the foreign passengers they had previously served each year. Researchers have alleged that this

extreme drop resulted from a rise in price of tickets for international lines from \$60 to \$90 per 1,000 miles. Which of the following, if feasible, offers the best prospects for alleviating the problem of the drop in passengers as the researchers assessed it?

- Cooperating with other airlines to provide more international lines
- Allowing foreign passengers to pay the same as the previous international line
- Reemphasizing the goals and mission of the airline as serving both domestic passengers and foreign passengers
- Increasing the financial resources of the airline by raising the ticket price for domestic passengers

Explanation

Option 2 is the correct answer because allowing the foreign passengers to pay the same as previous international line will bring back the passengers.

Correct answer is: B

Question No: 11

DIRECTIONS for the question: Answer the question based on the information given in the passage.

The company's coffee crop for 1998-99 totalled 8079 tonnes, an all time record. The increase over the previous year's production of 5830 tonnes was 38.58%. The previous highest crop was 6089 tonnes in 1970-71. The company had fixed a target of 8000 tonnes to be realized by the year 2000-01, and this had been achieved two years earlier, thanks to the emphasis laid on the key areas of irrigation, replacement of unproductive coffee bushes, intensive refilling and improved agricultural practices. It is now our endeavour to reach the target of 10000 tonnes in the year 2001-02.

Which of the following would contribute most to making the target of 10,000 tonnes in 2001-02 unrealistic?

- The potential of the productivity-enhancing measures implemented up to now has been exhausted
- The total company land under coffee has remained constant since 1969 when an estate in the Nilgiri Hills was acquired
- The sensitivity of the crop to climatic factors makes predictions about production uncertain
- The target setting procedures in the company have been proved to be sound by the achievement of the 8000 tonnes target

Explanation

Option B means that a 38.58% increase should have been ruled out. Option C works both ways and option D contradicts data that target was reached before time. According to the passage, the average production has remained well below 6,000 tonnes in the previous year. The significant increase of over 2,000 tonnes in 1998-99 was achieved by using all productivity enhancing measures. Hence, the target of 10,000 tonnes is unrealistic as explained in option A. Hence, A is the best answer choice here.

Correct answer is: A

Question No: 12

DIRECTIONS for the question: Answer the question based on the following passage.

During the SARS days, about 23,500 doctors who had treated SARS sufferers died and about 23,670 doctors who had not engaged in treatment for SARS sufferers died. On the basis of those figures, it can be concluded that it was not much more dangerous to participate in SARS treatment during the SARS day than it was not to participate in SARS treatment.

Which of the following would reveal most clearly the absurdity of the conclusion drawn above ?

Counting deaths among doctors who had participated in SARS treatment in addition to deaths among doctors who had not participated in SARS treatment.

Expressing the difference between the numbers of deaths among doctors who had treated SARS sufferers and doctors who had not treated SARS suffers as a percentage of the total number of deaths.

Separating deaths caused by accidents during the treatment to SARS sufferers from deaths caused by infect of SARS sufferers.

Comparing death rates per thousand members of each group rather than comparing total numbers of deaths.

Explanation

The option 4 reveals the absurdity of the conclusion because the comparison talks of figures of deaths and not the death rates per thousand members.

Correct answer is: D

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Question No: 13

DIRECTIONS for the question: Choose the option which is most **Similar** in meaning of the underlined word as used in the context of the sentence.

Intimidate : Every design professional has an opening pitch designed to both entice and intimidate the client.

- Ardent
- Banish
- Threaten
- Permit

Explanation Intimidate means to frighten or alarm. thus, option C is correct.

Ardent means enthusiastic or passionate.

Banish means to expel or dismiss.

Correct answer is: C

Question No: 14

DIRECTIONS for the question: The question has five statements A, B, C, D and E, which when arranged logically form a coherent sequence. From the options given choose the best sequence.

- A. Without the distribution and manufacturing efficiencies of the modern age, without the toll-free numbers and express delivery and bar codes and scanners and, above all, computer, the choices would not be multiplying like this.
- B. Everywhere you turn, someone is offering advice on things like which of the thousands of mutual funds to buy.
- C. Consumer psychologists say this sea of choices is driving us bonkers.
- D. Or the right MBA program from among hundreds of business schools.
- E. Superior performance in this competitive world is all about mastering business basics.

- BDCAE
- BEACD
- ACEDB
- DBCAE

Explanation

'this sea of choices' of C refers to the mutual funds (B) and MBA programs (D) giving us the sequence BDC.

From 'the choices would not multiply like this', we can infer that A will follow BDC.

E provides a prescription to survive in this competitive world.

So the final sequence is **BDCAE**

Correct answer is: A

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Question No: 15

DIRECTIONS for the question: Choose the option which is most **Similar** in meaning of the underlined word as used in the context of the sentence.

Laceration : He was also treated during surgery for a scalp laceration.

Entity

Wound

Indignant

Parable

Explanation Laceration means wound

Correct answer is: B

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Question No: 16

DIRECTIONS for the question: Sentence given in each question when properly sequenced from a coherent paragraph. Each sentence is labelled with a letter. Choose the most logical order of sentence from among the four given choices to construct a coherent paragraph.

- A. To be culturally literate is to possess the basic information needed to thrive in the modern world.
- B. Nor is it confined to one social class; quite the contrary.
- C. It is by no means confined to “culture” narrowly understood as an acquaintance with the arts.

- D. Cultural literacy constitutes the only sure avenue of opportunity for disadvantaged children, the only reliable way of combating the social determinism that now condemns them.
- E. The breadth of that information is great, extending over the major domains of human activity from sports to science.

AECBD

DECBA

ACBED

DBCAE

Explanation

A introduces the subject “culturally literate” i.e what we mean by this and why is it important to be culturally literate. This is followed by “that information.” After this CB forms a mandatory pair as the talk about that this knowledge should not be confined to which areas. Finally D, will conclude the story by telling the advantage of 'cultural literacy' to the disadvantaged children.

Correct answer is: A

Question No: 17

DIRECTIONS for the question: For each of the words below, a contextual usage is provided. Pick the word from the alternatives given that is most appropriate in the given context.

Many employees had to delete dozens or hundreds of ----- e-mail messages.

Volunteer

Supercilious

Amorous

Suffuse

Explanation

Volunteer is the one who works for free. Supercilious is somebody who is high headed or arrogant. Amorous is showing or expressing love. Suffuse is to overspread with or as with a liquid.

Correct answer is: C

Question No: 18

DIRECTIONS for the question: Choose the option which is most **Similar** in meaning of the underlined word as used in the context of the sentence.

Pugnacious : The pugnacious males often build nests, almost touching adjoining nests.

Aggressive

Quest
Countermand
Termination

Explanation Pugnacious means quarrelsome or aggressive.

Quest means search or hunt.

Countermand means to cancel or revoke.

Termination means end or conclusion

Correct answer is: A

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Question No: 19

DIRECTIONS for the question: For each of the words below, a contextual usage is provided. Pick the word from the alternatives given that is most appropriate in the given context.

Use of the law drew----- responses from some public officials.

Prudent
Incredulous
Tedious
Sustain

Explanation

Prudent is wise. Incredulous is doubtful. Tedious is long and tiresome.

Correct answer is: B

Question No: 20

DIRECTIONS for the question: Choose the pair of words which best expresses the relationship similar to that expressed in the capitalized pair.

LEVITATE: MAGICIAN

Cook: Mother

Argue: Lawyer

Float: Astronaut

Sky jump: Parachutists

Explanation

'levitate' is to float/fly up in the air , and is a trick performed by magicians. In the same way sky jump is a stunt performed by parachutists.

Correct answer is: D

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Question No: 21

DIRECTIONS for the question: For each of the words below, a contextual usage is provided. Pick the word from the alternatives given that is most appropriate in the given context.

But the butterflies are also benefiting from the mowing of roadsides, which allows more----- plants to grow.

Nettle

Hinder

Caricature

Substantial

Explanation Nettle is to irritate or bother.

Hinder is to obstruct.

Caricature is an imitation.

Substantial means important.

Correct answer is: D

Question No: 22

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

Victims are everywhere these days, whining about one thing or another. Sometimes they are still complaining about things that happened decades ago (or even hundreds of years ago to other people with the same skin colour); sometimes they seem to be 'status-victims' who feel entitled to oppress others because of their special personal sense of oppression. Very few seem to be complaining justifiably, or even comprehensibly, about some

genuinely significant injustice being done to them right now that others should address. This is not healthy. Much of the limited space for morality in politics is being taken over by the study and art of victimhood at the expense of proper moral reasoning. It has a deleterious effect on public discourse and behaviour, with people seeming to compete more about their degrees of victimhood than the rights and wrongs of their case.

In the normal case victims deserve compassion followed by immediate justice. For this we employ sympathy - a forensic tool for comprehending and assessing the situation of those who claim victimhood. It should not be mistaken for straightforward empathy with the feelings of others. But this goes wrong when victims are automatically assumed good and right. Then victimhood itself becomes the measure and the end of justice, and more and more people step up to claim it since it offers both a short-cut to credibility and the chance to wallow, child-like, in the comfortable helplessness provided by misguided public empathy. Proper moral analysis is short-circuited by shallow declarations of suffering that becomes little more than dysfunctional and pitiful whining.

Why do we listen to victims? It is sometimes thought that they have some special epistemic authority - a finely tuned sense for oppression (let's leave earthquakes aside and confine ourselves to the evils that humans can inflict on each other). That may be the case for victims of genuine oppression with respect to their immediate situation - they are the relevant witnesses at the trial, etc. However victimhood needs to fulfil certain criteria before a victim may be considered an expert on anything: truth and understanding.

First, feeling like a victim is no guarantee that one has been properly oppressed, in part because such feelings are not a zero-sum game: all sides in any interaction can feel persecuted e.g. many whites felt they were the victims of the US 1960's civil rights movement (they only shut up and moved on, eventually, because most people didn't agree). Proving injustice can only be achieved by actual arguments, not feelings.

Second, some people suffer as victims without really understanding what's going on - most obviously in cases of child abuse. Not to belittle their real suffering, but, unless they made a particular study of the subject afterwards, what can they really say about it that's relevant to our understanding of the problem?

Now of course there are victims of genuinely terrible oppression - such as ethnic cleansing or the persecution of homosexuals - who might have a special sensitivity to the situational factors preceding or surrounding such oppression. A death camp survivor who criticises the rhetoric of a populist rightwing politician for what it implies should probably be listened to since he may recognise something others wouldn't. But he isn't necessarily right - that depends on the arguments he can give, not his feelings.

All of the following can be inferred from the passage except:

It is not necessary that only victims feel persecuted

Arguments and not feelings need to drive claims for injustice

A sufferer of oppression may not necessarily provide a logical argument describing his situation

In most cases, victims deserve compassion followed by justice

Explanation

Option A can be derived from the lines: *First, feeling like a victim is no guarantee that one has been properly oppressed, in part because such feelings are not a zero-sum game: all sides in any interaction can feel persecuted e.g. many whites felt they were the victims of the US 1960's civil rights movement (they only shut up and moved on, eventually, because most people didn't agree).*

Options B and C can be derived from the lines: *Now of course there are victims of genuinely terrible oppression - such as ethnic cleansing or the persecution of homosexuals - who might have a special sensitivity to the situational factors preceding or surrounding such oppression. A death camp survivor who criticises the rhetoric of a populist rightwing politician for what it implies should probably be listened to since he may recognise something others wouldn't. But he isn't necessarily right - that depends on the arguments he can give, not his feelings.*

Option D is incorrect. Refer to the lines: *In the normal case victims deserve compassion followed by immediate justice.*

The author says 'normal cases' and not 'most cases'.

Correct answer is: D

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Question No: 23

DIRECTIONS for the question: In this question, the first two words are related in a particular manner. You have to choose a word from the options so that a new pair of words is formed where the relation is the same as in the case of the given pair of words. The question stem has the first word of the second pair. You may have to consider the secondary meaning of certain words while choosing an answer.

APPLE : 50 :: ORANGE : ?

- 61
- 63
- 60
- 69

Explanation

Sum of position numbers of all the alphabets of the words Apple: $1 + 16 + 16 + 12 + 5 = 50$

Similarly, Orange: $15 + 18 + 1 + 14 + 7 + 5 = 60$.

Correct answer is: C

Question No: 24

DIRECTIONS for the question: In this question a part of the sentence that requires an improvement is underlined. Choose the best option. Choose "No improvement" if no improvement is needed.

They cannot go camping right now because they are taking care of a three-weeks-old baby.

They cannot go camping right now
because
they are taking care of
a three-weeks-old baby

Explanation

'Three-weeks-old; is incorrect. The correct phrase should have been 'three-week old baby'. Three-week is a chunk of tone and here playing the role of an adjective(adjectives cannot be used in plural) that is expressed as a single unit .

Correct answer is: D

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Question No: 25

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

Victims are everywhere these days, whining about one thing or another. Sometimes they are still complaining about things that happened decades ago (or even hundreds of years ago to other people with the same skin colour); sometimes they seem to be 'status-victims' who feel entitled to oppress others because of their special personal sense of oppression. Very few seem to be complaining justifiably, or even comprehensibly, about some genuinely significant injustice being done to them right now that others should address. This is not healthy. Much of the limited space for morality in politics is being taken over by the study and art of victimhood at the expense of proper moral reasoning. It has a

deleterious effect on public discourse and behaviour, with people seeming to compete more about their degrees of victimhood than the rights and wrongs of their case.

In the normal case victims deserve compassion followed by immediate justice. For this we employ sympathy - a forensic tool for comprehending and assessing the situation of those who claim victimhood. It should not be mistaken for straightforward empathy with the feelings of others. But this goes wrong when victims are automatically assumed good and right. Then victimhood itself becomes the measure and the end of justice, and more and more people step up to claim it since it offers both a short-cut to credibility and the chance to wallow, child-like, in the comfortable helplessness provided by misguided public empathy. Proper moral analysis is short-circuited by shallow declarations of suffering that becomes little more than dysfunctional and pitiful whining.

Why do we listen to victims? It is sometimes thought that they have some special epistemic authority - a finely tuned sense for oppression (let's leave earthquakes aside and confine ourselves to the evils that humans can inflict on each other). That may be the case for victims of genuine oppression with respect to their immediate situation - they are the relevant witnesses at the trial, etc. However victimhood needs to fulfil certain criteria before a victim may be considered an expert on anything: truth and understanding.

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It can be inferred from the passage that:

victims are perpetrated by shallow political interests, which further impact the state of the society

victims, driven by a lack of moral reasoning, give into the deleterious effects of their own reasoning

victims generally suffer in society as they struggle to use moral reasoning to express their views

invalid claims to victimhood have an injurious impact on society

Explanation

Option D is the correct answer. It is derived from the lines: "Much of the limited space for morality in politics is being taken over by the study and art of victimhood at the expense

of proper moral reasoning. It has a deleterious effect on public discourse and behaviour, with people seeming to compete more about their degrees of victimhood than the rights and wrongs of their case."

Correct answer is: D

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Question No: 26

DIRECTIONS for the question: In this question, the first two words are related in a particular manner. You have to choose a word from the options so that a new pair of words is formed where the relation is the same as in the case of the given pair of words. The question stem has the first word of the second pair. You may have to consider the secondary meaning of certain words while choosing an answer.

Kaziranga : Rhino :: ?: Lion

- Corbett
- Kanha
- Gir
- Sunderbans

Explanation

Kaziranga National Park is famous for rhinoceros.

Similarly, Gir is famous for lions.

Correct answer is: C

Question No: 27

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

In 1893, Theodore Roosevelt published an article in defense of college football. As player injuries mounted, some critics had called for a ban on the game. Nonsense, the future president wrote. "It is mere unmanly folly to try to do away with the sport because the risk exists." Instead, he argued, reform football to "minimize" its dangers.

Sound familiar? As millions of American boys and young men take to our football fields this fall, there's lots of talk about making the game safer. We've seen new rules on tackling, stronger penalties for infractions and time limits on practices. But it's unlikely that these changes will significantly reduce injuries. For the last century, schools and colleges have tried to modify the game so fewer people get hurt. And it hasn't worked.

The first changes took place in the early 1900s. Before that time the game resembled rugby, with players piling on top of one another to control the ball. They could pass it sideways or backward but not forward.

The results were predictable: smashed noses, dislocated shoulders, broken necks and fractured skulls. Dozens of young men died, mostly from cerebral hemorrhage. "The sight of a confused mass of educated young men making batter-rams of their bodies, plunging their heads into each other's stomachs, piling upon each other or maiming each other for life — sometimes indeed ... killing each other ... is to me a brutal monstrosity," declared Cornell President Andrew D. White in 1891.

Fourteen years later, having ascended to the White House, Roosevelt convened a meeting of coaches from Harvard, Yale and Princeton. Amid newspaper reports of 18 football deaths that fall, the 1905 meeting set in motion a series of reforms to protect players from injury — and to guard the sport from critics who wanted to end it altogether.

The most controversial innovation was the forward pass, which would spread players more widely and decrease the amount of contact between them. But the leading opponent of the reform, Yale coach Walter Camp, warned that players streaking downfield would face even greater danger than the ones clumped together near the line of scrimmage. Camp turned out to be correct.

The recent increase of concussions — at every level of the sport — is partly due to "pass-first" offenses, which have led to more high-speed collisions. By stopping the game clock for incompletions, passing has also increased the total number of plays and, with it, the opportunities for injury.

Ditto for helmets, another reform designed to reduce harm on the field. In the early years of the game, some players grew their hair long to provide a modicum of head protection. Others began to wear leather helmets, which were developed by an Annapolis shoemaker to protect a Navy midshipman after the player's doctor told him that he might die from another hit to his head.

Enter the plastic helmet, which provided more cushioning. But it also became a weapon in its own right, allowing players to "lead with their heads" as they tackled. Despite new restrictions on that practice, helmet-to-helmet hits remain one of the key causes of concussions and other injuries.

And the most common victims are kids, who are starting football at ever-younger ages. Their necks aren't fully developed, so they can't brace for a hit the way adults can. And their braincases haven't finished hardening, which makes their skulls more vulnerable to impact.

By the time they get to high school, kids have a 5% chance of sustaining a concussion for each season they play. And as a 2011 study showed, former football players who sustained two or more concussions in their youth have a significantly higher rate of cognitive impairment as adults.

The issue made its way back to the White House in May, when President Obama convened a meeting of coaches, doctors and scientists to discuss sports-related concussions. But the most powerful voice in the room was one that didn't exist back in Roosevelt's time: the National Football League.

A judge recently approved a settlement to compensate retired NFL players suffering the effects of head injuries that is likely to cost the league several hundred million dollars. It also announced this year that it would donate \$45 million to the youth organization it founded, USA Football, in part to expand safety training for coaches.

As the richest sports enterprise in America, the NFL can absorb almost any legal hit that comes its way. But our high schools can't. And the league needs them to continue sponsoring football teams, which — alongside college squads — are the main training system for the pros.

If he had a son, the president said last year, he'd "have to think long and hard" before letting him play football. But the rest of us need to think long and hard too about why we're putting so many kids at risk to subsidize a league that's already awash in money. And if we think we can wash away the risk, we're kidding ourselves.

According to the passage, the chance of a kid suffering a concussion by the time they get to high school is:

- 5%
- 7%
- 10%

cannot be determined from the passage

Explanation

Remember, the passage quotes that 5% is the chance of a kid who plays football suffering a concussion by the time they get to high school is. The passage does not provide the general figure all kids (as asked in the question).

Correct answer is: D

Question No: 28

DIRECTIONS for the question: *In this question a part of the sentence that requires an improvement is underlined. Choose the best option. Choose "No improvement" if no improvement is needed.*

The police went through the building with fine toothcombs but they found no evidence.

The police went through the building
with fine toothcombs
but they found no evidence

No error

Explanation

Part b should have been something like 'with a fine-tooth(or fine-toothed) comb'.

Correct answer is: B

Question No: 29

DIRECTIONS for the question: The sentence given in the question, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

- A. Who can trace to its first beginnings the love of Damon for Pythias, of David for Jonathan, of Swan for Edgar?
- B. Similarly with men.
- C. There is about great friendships between man and man a certain inevitability that can only be compared with the age-old association of ham and eggs.
- D. One simply feels that it is one of the things that must be so.
- E. No one can say what was the mutual magnetism that brought the deathless partnership of these wholesome and palatable foodstuffs about.

ACBED

CEDBA

ACEBD

CEABD

Explanation

'C' is an opener as it talks about the closeness between a few of the fellow human beings in the world and this also goes with a few of food items. after this 'E' will come as it tries to explore the reason for this magnetism or friendship. after this 'D' will come as it says that things should have been like this only. B further extends the idea by drawing parallel with human beings. 'A' will conclude the story with examples.

Correct answer is: B

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Question No: 30

DIRECTIONS for the question: Fill in the blank with the right options provided.

The reward was not commensurate _____ the work done by us.

- for
- on
- with
- order

Explanation

Commensurate means corresponding in size or degree; proportionate: a salary commensurate with his performance.

Correct answer is: C

Question No: 31

DIRECTIONS for the question: In the question, each word is followed by five options. Choose the option which is the closest **antonym** of the given words. While choosing your answer, keep in mind the finer distinctions in the meaning and usage of certain words.

PURSUE

- Foster
- Eschew
- Judgmental
- Debate

Explanation Pursue means to follow & eschew means to avoid.

Correct answer is: B

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Question No: 32

DIRECTIONS for the question: Choose the most appropriate sentence from the following.

In the following sentences, four sentences labelled A, B, C and D are given. You have to select the sentence which is in accordance with the rules of grammar followed in Standard Written English.

That last word doubtless: contained an allusion to some scene that had taken place in between them.

That last word doubtless contained an illusion to some scene that take place between them.

That last word doubtless contained an allusion to some scene that had taken place between them.

That last word doubtless contained an illusion to some scene that had taken place between them.

Explanation The correct word is 'allusion' as it means an indirect or passing reference.

Correct answer is: C

Question No: 33

DIRECTIONS for the question: Read the 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 (D). (Ignore errors of punctuation if any.)

Found guilty on murder the accused was sentenced to death.

Found guilty
on murder
the accused was sentenced to death.

No error

Explanation

'on murder' is incorrect because of the preposition 'on'. 'Found guilty of murder' is the correct phrase.

Correct answer is: B

Question No: 34

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".

The best way to encourage innovative thinking is not to promise financial rewards for ideas, but to ensure that the person making the suggestion receives recognition for his contribution.

but to ensure that the person making the suggestion receives recognition for his contribution

but to ensure that the person who makes the suggestion will be receiving recognition for his contribution

but rather by ensuring that the person making the suggestion receives recognition for his contribution

but rather ensure that suggestion-maker receives recognition for his contribution

Explanation There is no error

A follows parallel construction "The best way to encourage innovative thinking is not to promise financial rewards for ideas, but to ensure that the person making the suggestion receives recognition for his contribution." which options C and D miss out on
Also option A is better than B because B puts recognition in future by using "will"

Correct answer is: A

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Question No: 35

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

In 1893, Theodore Roosevelt published an article in defense of college football. As player injuries mounted, some critics had called for a ban on the game. Nonsense, the future president wrote. "It is mere unmanly folly to try to do away with the sport because the risk exists." Instead, he argued, reform football to "minimize" its dangers.

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Match the following:

	Name		Occupation
i	Theodore Roosevelt	a	President of America
ii	Andrew D. White	b	Yale coach
iii	Obama	c	President of America
iv	Walter Camp	d	Cornell President

i-b, ii-d, iii-c, iv-a

i-a, ii-b, iii-c, iv-d

i-a, ii-d, iii-c, iv-b

i-b, ii-c, iii-d, iv-a

Explanation

This is a fact based question and option 3 is the correct answer.

Correct answer is: C

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