

PU MBA

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129 PU_2015_MBA

When I am elected, I will work towards effecting those changes for which I have been fighting all these years. We will work together to do away with the bureaucratic bogs which have existed ever since my opponent took office. Everyone of you knows what I stand for; I invite my opponent to

For completion of the above statement choose the best option.

- stop lying to the public
- make his stance clear
- hand in his resignation graciously
- get our city more federal aid

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145 PU_2015_MBA

A milkman mixes 20 liters of water with 80 liters of milk. After selling one-fourth of this mixture, he adds water to replenish the quantity that he has sold. What is the current proportion of water to milk?

- 1:3
- 1:2
- 3:4
- 2:3

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161 PU_2015_MBA

What is the number of distinct triangles with integral valued sides and perimeter 14?

- 4
- 3
- 6
- 5

4 of 100

135 PU_2015_MBA

Which one number is like the given number set? (363, 489, 579)

- 281
- 382
- 562
- 471

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171 PU_2015_MBA

If $2 \log(x^2y) = 3 + \log x - \log y$, and $x - y = 3$, then find x ($x > 0$, $y > 0$)

- 3
- 5
- 2
- 4

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105 PU_2015_MBA

How many pairs of letters are there in the word 'CLANGOLLR' which have as many letters between them in the word as in the alphabet?

- Two
- Four
- Three
- None of these

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144 PU_2015_MBA

Find the number of numbers from 1 to 100 which are not divisible by any one of 2, 3 and 5.

- 27
- 29
- 26
- 32

8 of 100

119 PU_2015_MBA

In the English alphabet series, which letter is 7th letter to the left of 13th letter from the right?

- U
- G
- H
- J

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104 PU_2015_MBA

If 5 poles are erected at equal distances between two points 20 meters apart, what is the distance between any two poles?

- 5 meters
- 3 meters
- 2 meters
- 4 meters

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162 PU_2015_MBA

The integers 34041 and 32506 when divided by a three-digit integer 'n' leave the same remainder. What is 'n'?

- 289
- 307
- 453
- 367

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166 PU_2015_MBA

Instead of walking along two adjacent sides of a rectangular field, a boy took a short cut along the diagonal and saved a distance equal to half the longer side. Then, the ratio of the shorter side to the longer side is:-

- 1/4
- 3/4
- 2/3
- 1/2

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136 PU_2015_MBA

Mohan obtained 64 marks out of 80 in Hindi, 80 marks out of 100 in Mathematics and 53 marks out of 70 in Science. What was his percentage marks on the whole?

- 79%
- 78.6%
- 72.3%
- 64.6%

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117 PU_2015_MBA

A's age is $\frac{1}{10}$ th of B's present age. B's age will be thrice of C's age after 10 years. If C's eighth birth day was celebrated two years ago, then the present age of A must be:-

- 10 years
- 2 years
- 20 years
- 15 years

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170 PU_2015_MBA

Solve: $\log_7 \log_5 (\sqrt{x+5} + \sqrt{x}) = 0$

- x=2

- x=-5
- x=4
- x=5

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103 PU_2015_MBA

Which of the following fraction is largest?

- 12/29
- 101/200
- 108/129
- 76/130

16 of 100

140 PU_2015_MBA

Find the average of first 10 natural numbers.

- 5.5
- 55
- 11
- 10

17 of 100

111 PU_2015_MBA

In the English alphabet series, which letter is 4th letter to the left of 7th letter from the right?

- T
- K
- F
- P

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168 PU_2015_MBA

Let S denote the infinite sum $2+5x+9x^2+14x^3+20x^4+\dots$ where $|x| < 1$ and the coefficient of x^{n-1} is $n(n+3)/2$, ($n=1,2,\dots$). Then S equals:-

- $(2-x)/(1+x)^3$
- $(2+x)/(1-x)^3$
- $(2-x)/(1-x)^3$
- $(2+x)/(1+x)^3$

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163 PU_2015_MBA

Let x, y, and z be distinct integers, x and y are positive, and z is even and positive. Which one of the following statements cannot be true?

- $(x-z)^2 y$ is even
- $(x-y) y$ or x is odd
- $(x-y)^2 z$ is even
- $(x-z)y^2$ is odd

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143 PU_2015_MBA

What is the difference between the number of even and odd factors of 1080?

- 16
- 32
- 24
- 14

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138 PU_2015_MBA

In a class, each boy contributed as many paise as the number of boys so as to purchase a gift costing Rs.13. If the teacher's contribution is Rs.4, then the number of boys in the class is _____.

- 3
- 30
- 90
- None of these

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113 PU_2015_MBA

If A is indicated by Ram, D is indicated by Mohan, G is indicated by Sohan, and J is indicated by Rohan then which is the following position of Rohan from the left:-

- 12th
- 10th
- 11th
- 19th

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101 PU_2015_MBA

How many rectangular tiles of area 4 sq.cm are required to cover a square floor of size of 100 sq.cm and each side of 10 cm ?

- 250
- Data inadequate
- 25
- 2.5

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137 PU_2015_MBA

Traffic light at one particular crossing change after every 40 seconds. The traffic light at the next crossing changes after every 32 seconds. At a certain time they change together. After what time will they again change together:-

- 1 min. 20 sec
- 3 min. 20 sec
- 2 min. 20 sec.
- 2 min. 40 sec

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164 PU_2015_MBA

x and y are real numbers satisfying the conditions $2 < x < 3$ and $-7 < y < -1$. Which of the following expressions will have the least value?

- xy^2
- x^2y
- $5xy$
- None of these

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102 PU_2015_MBA

1.125 in fraction form is _____.

- $8/7$
- $9/8$
- $6/5$
- $7/8$

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165 PU_2015_MBA

In some code, letters a, b, c, d, and e represent numbers 2, 4, 5, 6, and 10. We don't know which letter represents which number. Consider the following relationships:-

- (i) $a + c = e$ (ii) $b - d = d$ (iii) $e + a = b$

Which statement below is true?

- $b = 4, d = 2$
- $b = 6, e = 2$
- $a = 4, c = 6$
- $a = 4, e = 6$

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142 PU_2015_MBA

In how many years will a sum of money become double at 10% per annum simple interest?

- 5 years
- 20 years
- 10 years
- 8 years

29 of 100

160 PU_2015_MBA

Let S be the set of prime numbers greater than or equal to 2 and less than 100. Multiply all elements of S. With how many consecutive zeros will the product end?

- 1
- 10
- 4
- 5

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141 PU_2015_MBA

12 men work 8 hour per day and require 10 days to build a wall. If 8 men are available, how many hours per day must they work to finish the work in 8 days?

- 18 hrs
- 12 hrs
- 10 hrs
- 15 hrs

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167 PU_2015_MBA

If $x^2 + 5y^2 + z^2 = 2y(2x+z)$ then, which of the following statements are necessarily true?

(1) $x = 2y$ (2) $x = 2z$ (3) $2x = z$

- Only 1
- Only 2 and 3
- Only 1 and 2
- None of these

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112 PU_2015_MBA

If every alternate letter starting from B in the English alphabet is eliminated then which of the following letter is 4th letter to the left of 7th letter from the right:-

- v

- F
- W
- E

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100 PU_2015_MBA

A, B, C, D and E are five apartments on a floor each pair of which has a connected path between them. How many ways are there in all?

- 10
- 2
- 15
- 5

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118 PU_2015_MBA

Namratha's father is now four times her age. In five years, he will be three times her age. In how many years will he be twice her age:-

- 20
- 5
- 10
- 15

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169 PU_2015_MBA

A piece of paper is in the shape of a right-angled triangle and is cut along a line that is parallel to the hypotenuse, leaving a smaller triangle. There was a 35% reduction in the length of the hypotenuse of the triangle. If the area of the original triangle was 34 square inches before the cut, what is the area (in square inches) of the smaller triangle?

- 16.565
- 16.665
- 15.465
- 14.365

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139 PU_2015_MBA

Shyam's monthly salary is Rs.475, while his monthly expenditure is Rs. 425. Find the ratio of his saving to his expenditure.

- 13 : 17
- 2 : 17
- 19 : 17
- 17 : 2

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253 PU_2015_MBA

In the question below, you are given a related pair of words or phrases. Select the lettered word that best expresses a relationship similar to that in the original pair of words.

People: Crowd

Flower:

- leaves
- garden
- flowerbed
- bouquet

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254 PU_2015_MBA

In the question below, you are given a related pair of words or phrases. Select the lettered word that best expresses a relationship similar to that in the original pair of words.

Conceited: big headed

Puffed-up:

- conscious
- self effacing
- chesty
- meek

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255 PU_2015_MBA

In the question below, you are given a related pair of words or phrases. Select the lettered word that best expresses a relationship similar to that in the original pair of words.

Clue: Detective

Doctor:

- medicine
- symptom
- disease
- stethoscope

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252 PU_2015_MBA

In the question below, you are given a related pair of words or phrases. Select the lettered word that best expresses a relationship similar to that in the original pair of words.

Soldier: Regiment

Star:

- night
- bunch
- galaxy
- group

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256 PU_2015_MBA

There are certain number of sentences in the passage given below. Indicate the number of correct sentences in the paragraph.

We do not know what to do with our knowledge. Science has given superman powers, which we do not use properly. For example, we unable to manage our machines. Machines should be fed promptly and waited after alternatively.

- 0
- 3
- 4
- 2

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257 PU_2015_MBA

There are certain number of sentences in the passage given below. Indicate the number of correct sentences in the paragraph.

We must insist that free oratorship is only the beginning of free speech. The end is to find the truth. The practicality justification of civil liberty is not that the examination of opinion is one of necessities of man.

- 3
- 2
- 1
- 0

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259 PU_2015_MBA

There are certain number of sentences in the passage given below. Indicate the number of correct sentences in the paragraph.

We can never make our beliefs regarding the world certain. Even scientific theory of a most rigorous and well-confirmed nature is likely to change over a decade or even tomorrow. If we refuse to even try to

understand, then it is like resigning from the human race. Undoubtedly life of an unexamined kind is worth living in other respects--as it is no mean thing to be a vegetable or an animal. It is also true that a man wishes to see this speculative domain beyond his next dinner.

From the above passage it is clear that the author believes that:-

- men are different from animals as far as their reasoning abilities are concerned.
- one should live life with the dictum 'what will be will be
- progress in the scientific field is impossible
- men would not do well to speculate

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258 PU_2015_MBA

There are certain number of sentences in the passage given below. Indicate the number of correct sentences in the paragraph.

The best friend a man has in this world may turn against him and become his enemy. His son or his daughter that he had reared with loving care, may prove ungrateful. Those who are near and dearest do us, those who we trust with our happiness and good name may become traitors.

- 2
- 3
- 1
- 0

45 of 100

220 PU_2015_MBA

Read the following passage and answer the question based on what is presented or implied in the passage.

In 1990, Kerala earned Rs.X in tourist revenue. In 2000, tourist revenue quadrupled and in 2010 it reached 16X. Each of the following if true, which may explain the cause of rise in tourist revenue:-

- The number of hotel rooms has increased 16 times from 1990 to 2010
- Average expenditure per tourists has increased 8 times
- Average number of tourists has doubled and average stay per tourist has doubled
- Average price of tourist services has increased 4 times.

46 of 100

231 PU_2015_MBA

The price of an article is cut by 10%. To restore it to its former value, the new price must be increased by:-

- 9%
- 11 $\frac{1}{9}$ %

- 11%
- 10%

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230 PU_2015_MBA

In an examination 60% of the candidates passed in Mathematics, 70% in Statistics and 10% failed in both the subjects. If 300 candidates passed in both the subjects, the total number of candidates who appeared for the exam is _____.

- 1600
- 900
- 1200
- None of these

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240 PU_2015_MBA

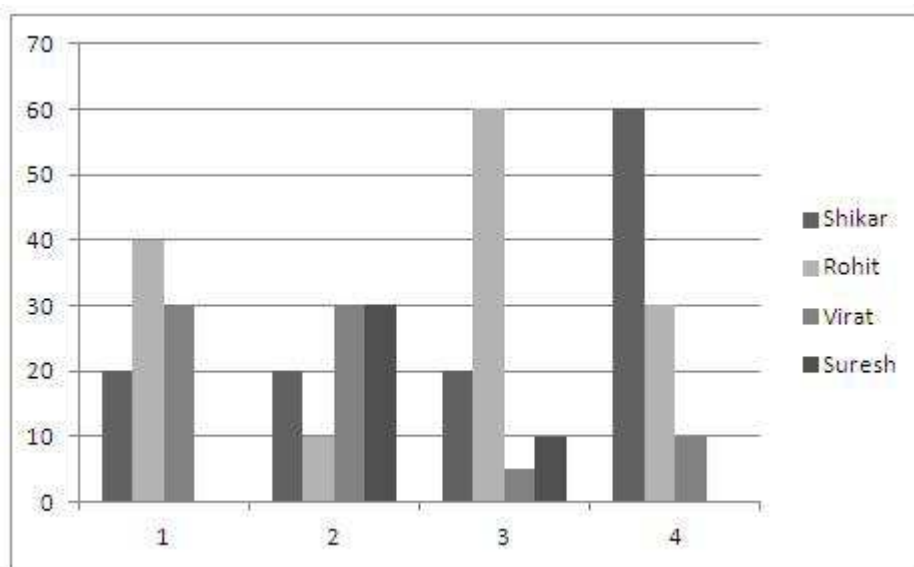
A person earned Rs.20 on one day and spent Rs.15 on the next day. He again earned Rs.20 on the third day and spent Rs.15 on the fourth day and so on. On which day will he have Rs.60 with him?

- 22nd
- 24th
- 17th
- 26th

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299 PU_2015_MBA

Consider the following diagram to answer question. It shows the percentage share of runs scored by four Indian batsmen in total runs made by India in four matches. Total runs scored by India in any match are in the range 250-300.



Among Shikar, Rohit and Virat, who has shown maximum percentage increase in the runs scored in a match over the previous match:-

- Shikar
- Virat
- Rohit
- Cannot be determined

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280 PU_2015_MBA

The cost per item of manufacturing is Rs.50 when 100 items are produced. It decreases by Rs.10 when 50 more items are produced. By what value would average cost decrease from the original if 100 items more than the original number were produced?

- Rs.10
- Rs. 20
- Rs.15
- Rs. 5

51 of 100

282 PU_2015_MBA

The number of solutions of the equation $2x+y=40$ where both x and y are positive integers and $x \leq y$ is:-

- 14
- 13
- 7
- 18

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283 PU_2015_MBA

Consider a triangle drawn on the X-Y plane with its three vertices of $(41,0)$, $(0,41)$ and $(0,0)$ each vertex being represented by its (X,Y) coordinates. The number of points with integer co-ordinates inside the triangle (excluding all the points on the boundary) is :-

- 780
- 800
- 820
- 741

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291 PU_2015_MBA

If $f(x) = \log \left\{ \frac{1+x}{1-x} \right\}$, then $f(x) + f(y)$ is :-

- $f(x+y)$
- $(x+y) f \left\{ \frac{1}{1+xy} \right\}$
- $f(x) + f(y) / (1+xy)$

$f\{(x+y)/(1+xy)\}$

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294 PU_2015_MBA

If $x = \sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\dots}}}}$, then

$1 < x < 2$

$0 < x < 1$

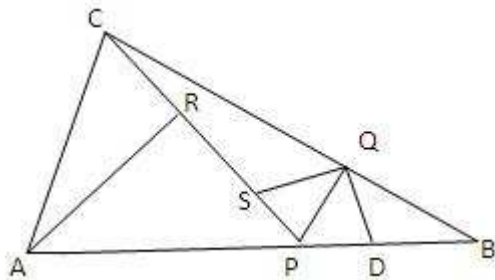
$x = 1$

x is infinite

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295 PU_2015_MBA

In the figure (not drawn to scale) given below, P is a point on AB such that AP: PB=4:3. PQ is parallel to AC and QD is parallel to CP. In triangle ARC, angle ARC = 90°, and in triangle PQS, PSQ=90°. The length of QS is 6 cms. What is ratio AP: PD?



10:3

2:1

7:3

8:3

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281 PU_2015_MBA

A group of 630 children is arranged in rows for a group photograph session. Each row contains three fewer children than the row in front of it. What number of rows is not possible?

6

3

4

5

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284 PU_2015_MBA

There are 8436 steel balls, each with a radius of 1 centimeter, stacked in a pile, with 1 ball on top, 3 balls in the second layer, 6 in the third layer, 10 in the fourth, and so on. The number of horizontal layers in the pile is:-

- 32
- 34
- 38
- 36

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290 PU_2015_MBA

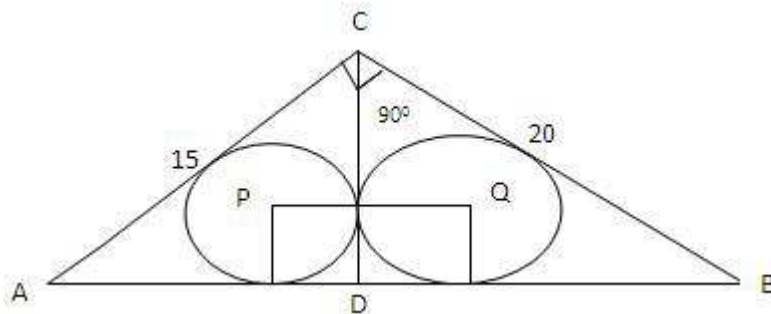
Six numbers are in arithmetic progression such that their sum is 3. The first number is four times the third number. The fifth number is equal to:-

- 15
- 9
- 4
- 3

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292 PU_2015_MBA

In the given figure, ACB is a right-angled triangle. CD is the altitude. Circles are inscribed within the triangle ACD, BCD. P and Q are the centers of the circles. The distance PQ is:-



- $\sqrt{5}$
- 8
- 7
- 5

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293 PU_2015_MBA

A car is being driven, in a straight line and at a uniform speed, towards the base of a vertical tower. The top of the tower is observed from the car and, in the process, it takes 10 minutes for the angle of elevation to change from 45° to 60° . After how much more time will this car reach the base of the tower?

- $8(\sqrt{3}-2)$
- $7(\sqrt{3}-1)$
- $5(\sqrt{3}+1)$
- $6(\sqrt{3}+\sqrt{2})$

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170 PU_2015_MBA New

In a class of 540 students, for every 9 girls there are 11 boys. The weight of students varies from 40 and 50 kg. There are as many 44kg girls as there are 46kg boys and as many 40kg boys as 50 kg girls. The number of 50kg boys is 35 more than that of 44kg girls while there are as many 44kg boys as 46kg girls. The ratio of 40kg boys and girls is 4:3 while that of 50kg girls and boys is 1:3.

How many boys weigh 40kg?

- 24
- 22
- 28
- Data inadequate

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169 PU_2015_MBA New

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

7 friends A, B, C, D, L, M, and Z are going to a new year's party on mobikes in Goa. Since it is late at night they do not anticipate any police presence and hence have taken only 3 bike - an Enfield, a Honda and a TVS, with at least 2 of them sitting on each bike. There is exactly one male on each bike. Amongst the group there are two executives, two designers and three psychologists among them.

- i. C is a lady designer and she does not travel with the pair of sisters, A and M.
- ii. B, a male executive, travels with only Z, a psychologist on an Enfield bike.
- iii. D is a male designers.
- iv. Two persons belonging to the same profession do not travel on the same bike.
- v. A is not an executive and travels on the Honda.

Which of the following represents the three psychologists?

- ZLA
- ZLM
- ZLM or ZLA
- Data inadequate

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152 PU_2015_MBA New

In an experiment conducted at a laboratory, 160 white mice were injected with Serum D. 160 other white mice were injected with a harmless sugar solution. In two weeks time 39% of the white mice, who were injected with Serum D contracted the highly contagious and often fatal disease, jungle fever. Hence, it can be concluded that jungle fever is caused by some elements similar to the elements in Serum D. Distribution of leaflets and delivering speeches on government property should be outlawed. Radicals and fanatics have no right to use public property when peddling their unsavoury views.

The argument above is based on the postulate:-

- Legal constraints which are applicable to one group need not be equally applicable to all.
- Every person who hands out leaflets and delivers speeches is a radical or fanatic.
- Radicals and fanatics prefer the use of public property while propagating their viewpoint.
- The general public has a special concern in the free exchange of different political views.

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160 PU_2015_MBA New

Study the following information to answer the question.

- i. Alem, Betsy, Chole, Dennis, Edward, Fiona, Giles and Herbert are gamblers sitting around a round table facing the centre.
- ii. Dennis is the neighbour of Alex but not of Herbert.
- iii. Betsy is the neighbour of Finona and 4th to the left of Dennis.
- iv. Edward is the neighbour of Herbert and 3rd to the right of Fiona.
- v. Chole is neither the neighbour of Alex nor of Giles.

Which of the following is wrong?

- Betsy is to the immediate left of Herbert
- Fiona is 3rd to the right of Dennis
- Herbert is to the immediate left to Edward
- Dennis is 4th to the right of Fiona

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146 PU_2015_MBA New

Three men (Tom, Peter and Jack) and three women (Eliza, Anne and Karen) are spending a few months at a hillside. They are to stay in a row of nine cottages, each one living in his or her own cottage. There are no others staying in the same row of houses.

1. Anne, Tom and Jack do not want to stay in any cottage, which is at the end of the row.
2. Eliza and Anne are unwilling to stay besides any occupied cottage.
3. Karen is next to Peter and Jack.
4. Between Anne and Jack's cottage there is just one vacant house.
5. None of the girls occupy adjacent cottages.
6. The house occupied by Tom is next to an end cottage

How many of them occupy cottages next to a vacant cottage?

- 2
- 5
- 4
- 3

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174 PU_2015_MBA New

Five friends Amar, Kapil, Sarvesh, Rohan and Nagesh wear trousers of different colours - red, yellow, blue, white and green (not necessarily in this order).

Each one of them has different likings, viz, reading, playing, travelling, singing and writing.

Kapil, who has a liking for singing does not wear yellow trousers. Sarvesh wears red trousers and does not like reading or writing. Nagesh likes to play and does not wear blue or yellow trousers. Amar has liking for writing and Rohan does not wear yellow or green trousers.

What is the liking of Sarvesh?

- Reading
- Travelling

- Writing
- Data inadequate

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166 PU_2015_MBA New

Study the following information to answer the question.

- i. Six students A, B, C, D, E and F participated in a self-evaluation test of Quants and Data Interpretation (DI)
- ii. The total marks of A in Quants was just above C and in DI just above F
- iii. B was just above C in DI but he scored less than D in Quants
- iv. F got more marks than D and E in DI but did not perform as well in Quants as in DI as compared to D and E
- v. No one is in between C and D in Quant and C and A in DI

Who got highest mark in DI?

- A
- C
- B
- Data inadequate

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167 PU_2015_MBA New

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

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- i. C is a lady designer and she does not travel with the pair of sisters, A and M.
- ii. B, a male executive, travels with only Z, a psychologist on an Enfield bike.
- iii. D is a male designers.
- iv. Two persons belonging to the same profession do not travel on the same bike.
- v. A is not an executive and travels on the Honda.

What is M's profession?

- Psychologist
- Executive
- Designer
- Data inadequate

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141 PU_2015_MBA New

On the shelf are placed six volumes side by side labelled A, B, C, D, E and F. Three volumes C, B and E have blue covers while the rest have red covers. D and F are new volumes while the rest are old volumes. A, C and D are law reports while the rest are gazetteers. Which is the red covered new law report volume?

- A
- C

- D
- B

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149 PU_2015_MBA New

Successfully adjusting to one's environment leads to happiness. War at a universal level destroys the weaker people, who are the most unable to adjust to their environment. Thus, war at the universal level puts weaklings out of their misery and allows more space for their predators to enjoy life in a better manner. As those actions have to be performed, which maximize the level of happiness of the greatest number, war at a universal level should take place.

What response would the author of the above discussion come up with, in the case of the objection that the weaklings far exceed strong people?

- I. He would respond with the statement that the person making the objection is a weakling.
- II. He would respond by saying that weaklings will be miserable no matter what happens.
- III. He would respond with the statement that the strong would be frustrated if the weaklings are destroyed.

- III only
- II and III only
- I and II only
- I only

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151 PU_2015_MBA New

In an experiment conducted at a laboratory, 160 white mice were injected with Serum D. 160 other white mice were injected with a harmless sugar solution. In two weeks' time 39% of the white mice, who were injected with Serum D contracted the highly contagious and often fatal disease, jungle fever. Hence, it can be concluded that jungle fever is caused by some elements similar to the elements in Serum D.

The above discussion would be weakened most severely in case it is shown that:-

- The natural habitats of white mice does not contain any of the elements found in Serum D.
- One among the 160 white mice had already contracted jungle fever prior to the laboratory experiment.
- The scientists administered the injections being ignorant of the contents of the solutions used.
- People contracting jungle fever are usually the victims of the bite of the South American Lesser Hooded Viper.

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175 PU_2015_MBA New

Five friends Amar, Kapil, Sarvesh, Rohan and Nagesh wear trousers of different colours - red, yellow, blue, white and green (not necessarily in this order).

Each one of them has different likings, viz, reading, playing, travelling, singing and writing.

Kapil, who has a liking for singing does not wear yellow trousers. Sarvesh wears red trousers and does not like reading or writing. Nagesh likes to play and does not wear blue or yellow trousers. Amar has liking for writing and Rohan does not wear yellow or green trousers.

Which of the following combination of person-colour-liking is correct?

- Rohan-Blue-Reading
- Nagesh-White-Playing
- Amar-Yellow-Writing
- Data inadequate

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173 PU_2015_MBA New

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Kapil, who has a liking for singing does not wear yellow trousers. Sarvesh wears red trousers and does not like reading or writing. Nagesh likes to play and does not wear blue or yellow trousers. Amar has liking for writing and Rohan does not wear yellow or green trousers.

What is the colour of Kapil's trousers?

- Blue
- Green
- While
- Date inadequate

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145 PU_2015_MBA New

Three men (Tom, Peter and Jack) and three women (Eliza, Anne and Karen) are spending a few months at a hillside. They are to stay in a row of nine cottages, each one living in his or her own cottage. There are no others staying in the same row of houses.

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5. None of the girls occupy adjacent cottages.
6. The house occupied by Tom is next to an end cottage

Which of the above statements can be said to have been derived from two other statements?

- Statement 2
- Statement 5
- Statement 3
- Statement 1

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154 PU_2015_MBA New

Some lawyers are of the view that the observation of the intrinsic qualities of pornography in any composition depends on literary criticism and hence it is a matter of opinion. It is rather odd, though, that in a legal connection, serious critics themselves quite often behave as if they believed criticism to be a matter of opinion. Why be a critic - and teach in universities - in case criticism involves nothing but uttering capricious and arbitrary opinions?

In the above argument the author is trying to establish that:-

- whether a composition can be called pornographic or not is a matter of opinion.
- critics seem hypocritical.
- it is not a matter of opinion whether a work is pornographic.
- observance of the qualities of pornography is not dependent on literary criticism.

76 of 100

163 PU_2015_MBA New

Study the following information to answer the question.

- i. Alem, Betsy, Chole, Dennis, Edward, Fiona, Giles and Herbert are gamblers sitting around a round table facing the centre.
- ii. Dennis is the neighbour of Alex but not of Herbert.
- iii. Betsy is the neighbour of Finona and 4th to the left of Dennis.
- iv. Edward is the neighbour of Herbert and 3rd to the right of Fiona.
- v. Chole is neither the neighbour of Alex nor of Giles.

Which of the following pairs has the 1st person sitting to the immediate right of the second?

- Betsy-Herber
- Fiona-Betsy
- Edwards-Giles
- Alex-Dennis

77 of 100

172 PU_2015_MBA New

In a class of 540 students, for every 9 girls there are 11 boys. The weight of students varies from 40 and 50 kg. There are as many 44kg girls as there are 46kg boys and as many 40kg boys as 50 kg girls. The number of 50kg boys is 35 more than that of 44kg girls while there are as many 44kg boys as 46kg girls. The ratio of 40kg boys and girls is 4:3 while that of 50kg girls and boys is 1:3.

The number of students weighing 50 kg is:

- 42
- 96
- 50
- 201

78 of 100

171 PU_2015_MBA New

In a class of 540 students, for every 9 girls there are 11 boys. The weight of students varies from 40 and 50 kg. There are as many 44kg girls as there are 46kg boys and as many 40kg boys as 50 kg girls. The number of 50kg boys is 35 more than that of 44kg girls while there are as many 44kg boys as 46kg girls. The ratio of 40kg boys and girls is 4:3 while that of 50kg girls and boys is 1:3.

The number of boys weighing 50kg is:-

- 74

- 72
- 76
- Data inadequate

79 of 100

161 PU_2015_MBA New

Study the following information to answer the question.

- i. Alem, Betsy, Chole, Dennis, Edward, Fiona, Giles and Herbert are gamblers sitting around a round table facing the centre.
- ii. Dennis is the neighbour of Alex but not of Herbert.
- iii. Betsy is the neighbour of Finona and 4th to the left of Dennis.
- iv. Edward is the neighbour of Herbert and 3rd to the right of Fiona.
- v. Chole is neither the neighbour of Alex nor of Giles.

Which of the following is correct?

- Dennis is to the immediate left of Giles
- Edward is between Herbert and Betsy
- Fiona is 3rd to the right of Dennis
- Alex is between Chloe and Dennis

80 of 100

176 PU_2015_MBA New

Decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

- Some Apples are fruits
- All vegetables are fruits
- All fruits are vegetables

Conclusions:

- I. Some apples are vegetables
- II. All vegetables are fruits
- III. All fruits are apples
- IV. All vegetables are apples

- only I and IV follow
- only II and IV follow
- only II follows
- only I and II follow

81 of 100

148 PU_2015_MBA New

An employee has been assigned the task of allotting offices to six of the staff members. The offices are numbered 1 - 6. The offices are arranged in a row and they are separated from each other by six foot high dividers. Hence voices, sounds and cigarette smoke flow easily from one office to another. Miss Robert's needs to use the telephone quite often throughout the day. Mr. Mike and Mr. Brown need adjacent offices as they need to consult each other often while working. Miss. Hardy, is a senior employee and has to be allotted the office number 5, having the biggest window.

Mr. Donald requires silence in the offices next to his. Mr. Tim, Mr. Mike and Mr. Donald are all smokers. Miss Hardy finds tobacco smoke allergic and consecutively the offices next to hers to be occupied by non-smokers. Unless specifically stated all the employees maintain an atmosphere of silence during office hours.

In the event of what occurrence, within a period of one month since the assignment of the offices, would a request for a change in office be put forth by one or more employees?

- The installation of a noisy teletype machine by Miss Hardy in her office.
- Mr. Robert's needing silence in the office (s) next to her own.
- Mr. Tim taking over the duties formerly taken care of by Miss. Robert.
- Mr. Donald quitting smoking.

82 of 100

143 PU_2015_MBA New

Find out the inference that definitely follows from the given statement.

'Soldiers serve their country'

- Women do not serve their country because they are not soldiers
- Those who serve their country are soldiers
- Men generally serve their country
- Some men who are soldiers serve their country

83 of 100

164 PU_2015_MBA New

Study the following information to answer the question.

- i. Alem, Betsy, Chole, Dennis, Edward, Fiona, Giles and Herbert are gamblers sitting around a round table facing the centre.
- ii. Dennis is the neighbour of Alex but not of Herbert.
- iii. Betsy is the neighbour of Finona and 4th to the left of Dennis.
- iv. Edward is the neighbour of Herbert and 3rd to the right of Fiona.
- v. Chole is neither the neighbour of Alex nor of Giles.

If Chloe and Giles interchange their positions, which of the following will indicate Alex's position?

- 4th to the right of Chloe
- To the immediate right of Giles
- To the immediate left of Chloe
- 2nd to the left of Giles

84 of 100

158 PU_2015_MBA New

The only people to attend a conference were four ship captains and the first mates of three of those captains. The captains were L, M, N and O; the first mates were A, D and G. Each person in turn delivered a report to the assembly as follows:

Each of the first mates delivered their report exactly after his or her captain. The first captain to speak was M, and captain N spoke after him.

Among the following which is not an appropriate order of delivered reports?

- M, N, A, L, D, O, G
- M, N, G, D, O, L, A
- M, A, N, G, O, L, D
- M, N, A, O, D, L, G

85 of 100

239 PU_2015_MBA New

A Tiebreaker is an additional contest or period of play designed to establish a winner among tied contestants. Which situation below is the best example of a Tiebreaker?

- At halftime, the score is tied at 28.
- Mary and Megan have each scored three goals in the game.
- The Sharks and the Bears each finished with 14 points, and they are now battling it out in a five-minute overtime.
- The referee tosses a coin to decide which team will have possession of the ball first.

86 of 100

229 PU_2015_MBA New

Look at this series: 0.15, 0.3, __, 1.2, 2.4, . . .

What number should fill the blank?

- 0.9
- 0.006
- 4.8
- 0.6

87 of 100

227 PU_2015_MBA New

Look at this series: F2, __, D8, C16, B32, . . .

What number should fill the blank?

- A16
- G4
- E3
- E4

88 of 100

220 PU_2015_MBA New

Look at this series: 58, 52, 46, 40, 34, _____. What number should come next?

- 26
- 30
- 32
- 28

89 of 100

235 PU_2015_MBA New

Here are some words translated from an artificial language.

morphiquat means birdhouse

beelmorphir means bluebird

beelclak means bluebell

Which word could mean "houseguest"?

- quathunde
- clakquat
- beelmoki
- morphirhunde

90 of 100

222 PU_2015_MBA New

Look at this series: 1.5, 2.3, 3.1, 3.9, _____. What number should come next?

- 5.1
- 4.7
- 4.4
- 4.2

91 of 100

231 PU_2015_MBA New

Which word does NOT belong with the others?

- insignificant
- trivial
- familiar
- unimportant

92 of 100

237 PU_2015_MBA New

Here are some words translated from an artificial language.

malgauper means peach cobbler

malgaport means peach juice

moggagrop means apple jelly

Which word could mean "apple juice"?

- moggaport
- gropport
- moggagrop
- malgauper

93 of 100

274 PU_2015_MBA New

The Suvarna Rekha river flows from west to east and on the way turns left and goes in a quarter circle around a Shiv temple, and then turns left in right-angles. In which direction is the river finally flowing?

- South
- North
- West
- East

94 of 100

270 PU_2015_MBA New

If $a+b$ means a is sister of b ,
 $a-b$ means a is brother of b ,
 axb means daughter of b ,
 a/b means a is mother of b

Which of the following relationship shows that l and n are wife and husband?

- $l - m \times n$
- $l + m \times n$
- $l // m \times n$
- $l \times m \times n$

95 of 100

262 PU_2015_MBA New

Classical works occupy a unique and peculiar position. They are imperishable as cultural landmarks, but the views expressed in some of the works are often superseded by newer views. But the classics survive just like ancient castles, as imposing features of the landscape, yet unsuited for habitation unless remodelled.

The principal point put forth in the above passage is that classical works.

- Demand our respect and admiration even if their ideas are no longer current.
- Lose their distinctive features as time passes.
- Should be preserved and treasured as scholarly opinion keeps changing and they will come into fashion again.
- Prove to be obstacles in the path of new ideas as they are unduly respected.

96 of 100

268 PU_2015_MBA New

Ever since the communications-entertainment firms have taken over publishing concerns, the management's new methods have increased the financial profits of commercial publishing. This is done at the price of narrowing the range of available books to the public and by catering to the vulgar tastes of the new buyers of books. Their business has boomed; but in the process the losers are the majority of authors or aspiring writers, and all discriminating readers.

In case the above statement is true, which among the following will hold true?

- The limited range of books available to the public is directed toward a more discriminating audience.
- Profitable business ventures are relatively new in the publishing world.

The profits resulting from the methods introduced by communications-entertainment management will encourage literary writers to work against all the odds.

The readership which commercial publishing caters to today is different from the readership served in the past.

97 of 100

260 PU_2015_MBA New

A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five, and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six building that are, in alphabetical order L, M, N, O, P, and Q.

P is the third stop.

M is the sixth stop.

The stop O is the stop immediately before Q.

N is the stop immediately before L.

In case a passenger gets on the bus at O, rides past one of the stops, and gets off at P, which of the following must be true?

O is stop one.

P is stop four.

N is stop five.

Q is stop three.

98 of 100

264 PU_2015_MBA New

There is a theory that the dinosaurs inhabiting the earth were destroyed when a huge heavenly body hit the earth. The impact of the heavenly body when it struck the earth threw a mass of pulverized debris into the atmosphere. This dust created a fog, which blocked the sunlight depleting plant life. This resulted in the perishing of the plant-eating dinosaurs; the meat-eating dinosaurs, who preyed on the plant-eaters inturn starved to death.

Which among the following statements, would best support the above mentioned theory, if true?

Craters formed by heavenly bodies are plentiful in several areas of the South west where many dinosaur fossils have also been found.

Enough dust has been sent into the atmosphere by modern volcanic explosions to change the color of sunsets around the world for several years.

Studies conducted recently on the bone structure of dinosaurs show that they were very agile and not ponderous awkward animals as popularly believed.

The sedimentary rock strata of the earth formed from atmospheric dust at the time the dinosaurs disappeared contains minerals and other trace elements in proportions characteristic of the heavenly bodies.

99 of 100

272 PU_2015_MBA New

If a+b means a is sister of b,

a-b means a is brother of b,

axb means daughter of b,

a/ b means a is mother of b

The relationship $p + q - r \times s / t$ shows that:-

- p, q, r, s are children of t
- p, q, r, s, t are all siblings
- p, q, r are children of t and s
- p, q, r, t are children of s

100 of 100

266 PU_2015_MBA New

Pharmaceutical firms are now engaged in the production of analogues of endorphins, peptides, which are thought to transmit messages among brain cells, which bring about pain relief. The pharmaceutical firms claim that the analogues, when injected into the bloodstream, will lead to effective and long-lasting pain relief by increasing the action of peptides already present in the brain.

The claims put forth by the pharmaceutical firms would be considerably weakened if it were true that:-

- It is easier and cheaper to produce analogues of peptides in the laboratory than the peptides themselves.
- Compared to the other types of neurotransmitters present in the brain, endorphins remain active for a longer time period.
- Analogues of peptides, which are found naturally in the body are often filtered from the blood before the blood circulates in the brain.
- Certain peptides have been traced in parts besides the brain, like the alimentary canal and the skin.

PU MBA 01

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107 PU_2015_MBA

The question has a main statement followed by four statements labeled A, B, C, and D. Choose the ordered pair of statements where the first statement implies the second, and the two statements are logically consistent with the main statement.

If I talk to my professors. Then I do not need to take a pill for headache.

- A. I talked to my professors.
- B. I did not need to take a pill for headache.
- C. I needed to take a pill for headache.
- D. I did not talk to my professors.

- AB only
- DC only
- CD only
- AB & CD

2 of 100

106 PU_2015_MBA

The question has a main statement followed by four statements labeled A, B, C, and D. Choose the ordered pair of statements where the first statement implies the second, and the two statements are logically consistent with the main statement.

Either Ravana is a demon, or he is a hero:-

- A. Ravana is a hero.
- B. Ravana is a demon.
- C. Ravana is not a demon.
- D. Ravana is not a hero

- DB & CA
- CD & BA
- BA only
- CD only

3 of 100

110 PU_2015_MBA

In the following number series one value is missing. You have to complete the series with best suitable number from given alternatives.

123, 14, 246, 56, 369, ----.

- 126
- 125
- 84
- 70

4 of 100

108 PU_2015_MBA

In the following number series one value is missing. You have to complete the series with best suitable number from given alternatives.

817, 648, 527, 446, --- , 372.

- 401
- 365
- 397
- 421

5 of 100

109 PU_2015_MBA

In the following number series one value is missing. You have to complete the series with best suitable number from given alternatives.

----, 17, 19, 23, 29.

- 14
- 7
- 5
- 13

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115 PU_2015_MBA

Find the odd one out.

8, 25, 76, 229, 688, 2055.

- 76
- 229
- 688
- 2055

7 of 100

116 PU_2015_MBA

Find the odd one out.

825, 645, 354, 312, 915, 715.

- 915
- 715
- 354
- 312

8 of 100

114 PU_2015_MBA

Find the odd one out.

27, 63, 123, 153, 203, 273.

- 273
- 203
- 123
- More than one answer

9 of 100

122 PU_2015_MBA

Read the following information and answer the question given below:-

- Six students A, B, C, D, E, and F participated in a self-evaluation test of quantitative (Quants) and Data Interpretation (D.I.).
- The total marks of A in Quants was just above C and in D.I. just above F.
- B was just above C in D.I. but he scored less than D in Quants.
- F got more marks than D and E in D.I. but did not perform as well in Quants as D.I.
- No one is in between C and D in Quants and C and A in D.I.

Which of the given statements is not necessary to answer the questions?

- C
- D
- B
- All are necessary

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120 PU_2015_MBA

Read the following information and answer the question given below:-

- Six students A, B, C, D, E, and F participated in a self-evaluation test of quantitative (Quants) and Data Interpretation (D.I.).
- The total marks of A in Quants was just above C and in D.I. just above F.
- B was just above C in D.I. but he scored less than D in Quants.
- F got more marks than D and E in D.I. but did not perform as well in Quants as D.I.
- No one is in between C and D in Quants and C and A in D.I.

Who got the highest marks in D.I.?

- A
- B
- C
- Data inadequate

11 of 100

121 PU_2015_MBA

Read the following information and answer the question given below:-

- Six students A, B, C, D, E, and F participated in a self-evaluation test of quantitative (Quants) and Data Interpretation (D.I.).
- The total marks of A in Quants was just above C and in D.I. just above F.
- B was just above C in D.I. but he scored less than D in Quants.
- F got more marks than D and E in D.I. but did not perform as well in Quants as D.I.
- No one is in between C and D in Quants and C and A in D.I.

Which of the following students has scored the least in D.I.?

- Only D
- Only E
- Only D and E
- None of these

12 of 100

124 PU_2015_MBA

Find out the missing term.

45678912, 5678912, 567891, ____.

- 78912
- 56789
- 67891
- None of these

13 of 100

123 PU_2015_MBA

Find out the missing term.

____, 425, 600, 825, 1100, 1425.

- 300
- 225
- 250
- None of these

14 of 100

126 PU_2015_MBA

The question contains six statements, followed by four options of combinations of any three of the given sentences. Select the option in which the combinations are logically related.

- A. All balls are Barbie
- B. All bats are Barbie
- C. All bats are balls
- D. Some bats are Barbie

- E. Some Barbie are balls
- F. No ball is Barbie

- BEF
- ACD
- CDE
- CEF

15 of 100

125 PU_2015_MBA

The question contains six statements, followed by four options of combinations of any three of the given sentences. Select the option in which the combinations are logically related.

- A. All Martians eat sausages.
- B. All those who eat sausages are not Martians.
- C. All those who eat sausages are herbivores.
- D. All Martians are carnivorous.
- E. All those eat sausages are carnivores
- F. Martians are herbivorous.

- ACD
- ACF
- BCE
- ABE

16 of 100

128 PU_2015_MBA

Read the paragraph and answer the question.

Come back with us to the real America leaving behind the turmoil of civilization. The real America is still inhabited by the eagle, the buffalo, the mountain lion and elk; it is still spacious, sprawling and majestic. Experience the freedom and serenity still to be found in

The above paragraph is most likely to appear in which of the following :-

- The Quiet Beauty of Alaska
- How the Eagle Became Extinct
- Exploring the Great Outdoors
- A Hunter's Guide to The United States

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127 PU_2015_MBA

Read the paragraph and answer the question.

Come back with us to the real America leaving behind the turmoil of civilization. The real America is still inhabited by the eagle, the buffalo, the mountain lion and elk; it is still spacious, sprawling and majestic. Experience the freedom and serenity still to be found in

Choose the best option to complete the above statement.

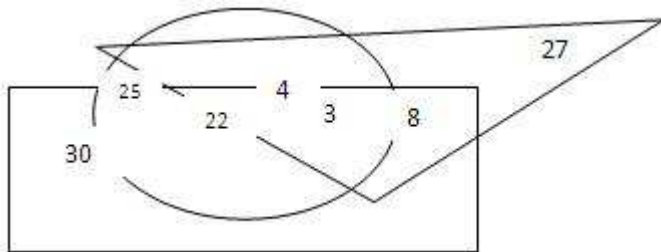
- the wild terrain of Africa
- one's own subconscious
- the natural beauty of our land
- the fascinating urban centers

18 of 100

134 PU_2015_MBA

Study the following figure carefully and answer the question

The triangle represents doctors. The circle represents players and the rectangle represents artists.



How many players are neither artists nor doctors ?

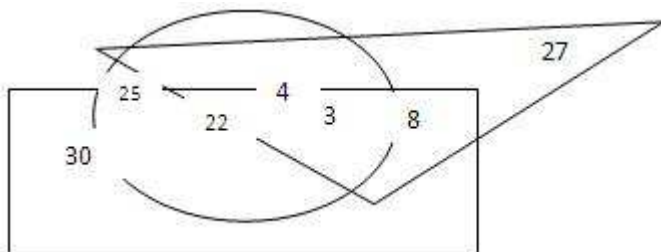
- 3
- 4
- 22
- None of these

19 of 100

133 PU_2015_MBA

Study the following figure carefully and answer the question

The triangle represents doctors. The circle represents players and the rectangle represents artists.



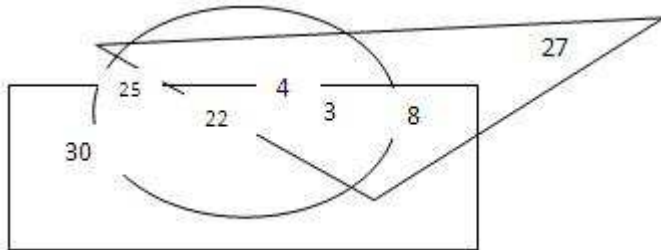
How many doctors are neither players nor artists?

- 27
- 22
- 30
- 8

20 of 100
132 PU_2015_MBA

Study the following figure carefully and answer the question

The triangle represents doctors. The circle represents players and the rectangle represents artists.



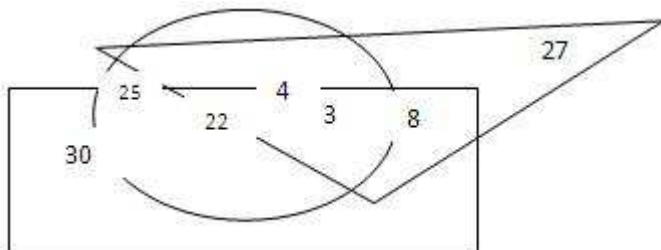
How many artists are neither players nor doctors?

- 25
- 29
- 22
- None of these

21 of 100
130 PU_2015_MBA

Study the following figure carefully and answer the question

The triangle represents doctors. The circle represents players and the rectangle represents artists.



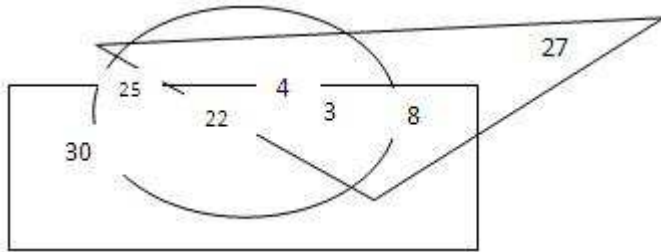
How many doctors are both players and artists?

- 3
- 11
- 4
- 8

22 of 100
131 PU_2015_MBA

Study the following figure carefully and answer the question

The triangle represents doctors. The circle represents players and the rectangle represents artists.



How many artists are players?

- 30
- 22
- 25
- None of these

23 of 100

149 PU_2015_MBA

Read this paragraph and answer. The figures for India's Foreign Trade for the years 2006 – 2007 to 2012-2013 are given in the following table. Answer the question on the basis of the information given.

India's Foreign Trade

Year	(Rupees in Crores)		
	Exports	Imports	Trade Deficit
2006- 2007	6711	12549	5838
2007 – 2008	7806	13608	5802
2008 – 2009	8803	14293	5490
2009 – 2010	9771	15831	6060
2010 – 2011	11855	17173	5318
2011 – 2012	10420	18371	7951
2012 - 2013	12550	20063	7513

The total trade deficit for the given years is:-

- 28508 crore
- 32332 crore
- 33232 crore
- 44322 crore

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147 PU_2015_MBA

Read this paragraph and answer. The figures for India's Foreign Trade for the years 2006 – 2007 to 2012-2013 are given in the following table. Answer the question on the basis of the information

given.

India's Foreign Trade

(Rupees in Crores)

Year	Exports	Imports	Trade Deficit
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2009 – 2010	9771	15831	6060
2010 – 2011	11855	17173	5318
2011 – 2012	10420	18371	7951
2012 - 2013	12550	20063	7513

The ratio of imports to exports was maximum in the year:-

- 2008 – 2009
- 2006 - 2007
- 2012 - 2013
- 2011 – 2012

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148 PU_2015_MBA

Read this paragraph and answer. The figures for India's Foreign Trade for the years 2006 – 2007 to 2012-2013 are given in the following table. Answer the question on the basis of the information given.

India's Foreign Trade

(Rupees in Crores)

Year	Exports	Imports	Trade Deficit
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2010 – 2011	11855	17173	5318
2011 – 2012	10420	18371	7951
2012 - 2013	12550	20063	7513

The percentage increase in exports was maximum in the year:-

- 2009 – 2010.
- 2012 - 2013
- 2007 – 2008
- 2010 – 2011

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146 PU_2015_MBA

Read this paragraph and answer. The figures for India's Foreign Trade for the years 2006 – 2007 to 2012-2013 are given in the following table. Answer the question on the basis of the information given.

India's Foreign Trade

Year	Exports	Imports	Trade Deficit
2006- 2007	6711	12549	5838
2007 – 2008	7806	13608	5802
2008 – 2009	8803	14293	5490
2009 – 2010	9771	15831	6060
2010 – 2011	11855	17173	5318
2011 – 2012	10420	18371	7951
2012 - 2013	12550	20063	7513

Which of the following showed an increase every year?

- Trade Deficit
- Exports
- Imports
- All of the above

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150 PU_2015_MBA

Read this paragraph and answer. The figures for India's Foreign Trade for the years 2006 – 2007 to 2012-2013 are given in the following table. Answer the question on the basis of the information given.

India's Foreign Trade

Year	Exports	Imports	Trade Deficit
2006- 2007	6711	12549	5838
2007 – 2008	7806	13608	5802
2008 – 2009	8803	14293	5490
2009 – 2010	9771	15831	6060
2010 – 2011	11855	17173	5318
2011 – 2012	10420	18371	7951
2012 - 2013	12550	20063	7513

The difference between imports and exports was maximum in the year:-

- 2011 – 2012
- 2009 – 2010
- 2010 – 2011
- 2012 - 2013

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152 PU_2015_MBA

Read the following table and answer the Question given below.

Mr. Padmanabhan surveyed his companies and obtained the following data. Income tax is paid on profit before tax and the remaining amount is apportioned to dividend and retained earnings. The retained earnings were accumulated into reserves. The reserves at the beginning of 2001 were Rs.80 lakhs. All numbers in the table that follows are in Rs. Lakhs.

Year/ Items	2001	2002	2003	2004
Share capital	105	105	224	410
Sales	3370	2810	5130	6730
Profit before tax	330	230	730	840
Dividends	40	40	80	150
Retained earnings	155	80	320	450

In which year was the sales per rupee of share capital least:-

- 2002
- 2003
- 2004
- 2001

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151 PU_2015_MBA

Read the following table and answer the Question given below.

Mr. Padmanabhan surveyed his companies and obtained the following data. Income tax is paid on profit before tax and the remaining amount is apportioned to dividend and retained earnings. The retained earnings were accumulated into reserves. The reserves at the beginning of 2001 were Rs.80 lakhs. All numbers in the table that follows are in Rs. Lakhs.

Year/ Items	2001	2002	2003	2004
Share capital	105	105	224	410
Sales	3370	2810	5130	6730
Profit before tax	330	230	730	840
Dividends	40	40	80	150
Retained earnings	155	80	320	450

In which year was the tax per rupee of 'profit before tax' highest?

- 2001
- 2003
- 2002
- 2004

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155 PU_2015_MBA

Read the following table and answer the Question given below.

Mr. Padmanabhan surveyed his companies and obtained the following data. Income tax is paid on profit before tax and the remaining amount is apportioned to dividend and retained earnings. The retained earnings were accumulated into reserves. The reserves at the beginning of 2001 were Rs.80 lakhs. All numbers in the table that follows are in Rs. Lakhs.

Year/ Items	2001	2002	2003	2004
Share capital	105	105	224	410
Sales	3370	2810	5130	6730
Profit before tax	330	230	730	840
Dividends	40	40	80	150
Retained earnings	155	80	320	450

The ratio of dividends to share capital was lowest in which year?

- 2004
- 2001
- 2003
- 2002

31 of 100

154 PU_2015_MBA

Read the following table and answer the Question given below.

Mr. Padmanabhan surveyed his companies and obtained the following data. Income tax is paid on profit before tax and the remaining amount is apportioned to dividend and retained earnings. The retained earnings were accumulated into reserves. The reserves at the beginning of 2001 were Rs.80 lakhs. All numbers in the table that follows are in Rs. Lakhs.

Year/ Items	2001	2002	2003	2004
Share capital	105	105	224	410
Sales	3370	2810	5130	6730
Profit before tax	330	230	730	840
Dividends	40	40	80	150
Retained earnings	155	80	320	450

In which year was the percentage addition over the earlier year to retained earnings the highest:-

- 2004
- 2001
- 2002
- 2003

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153 PU_2015_MBA

Read the following table and answer the Question given below.

Mr. Padmanabhan surveyed his companies and obtained the following data. Income tax is paid on profit before tax and the remaining amount is apportioned to dividend and retained earnings. The retained earnings were accumulated into reserves. The reserves at the beginning of 2001 were Rs.80 lakhs. All numbers in the table that follows are in Rs. Lakhs.

Year / Items	2001	2002	2003	2004
Share capital	105	105	224	410
Sales	3370	2810	5130	6730
Profit before tax	330	230	730	840
Dividends	40	40	80	150
Retained earnings	155	80	320	450

In which year, the profit before tax per rupee of sales was the least:-

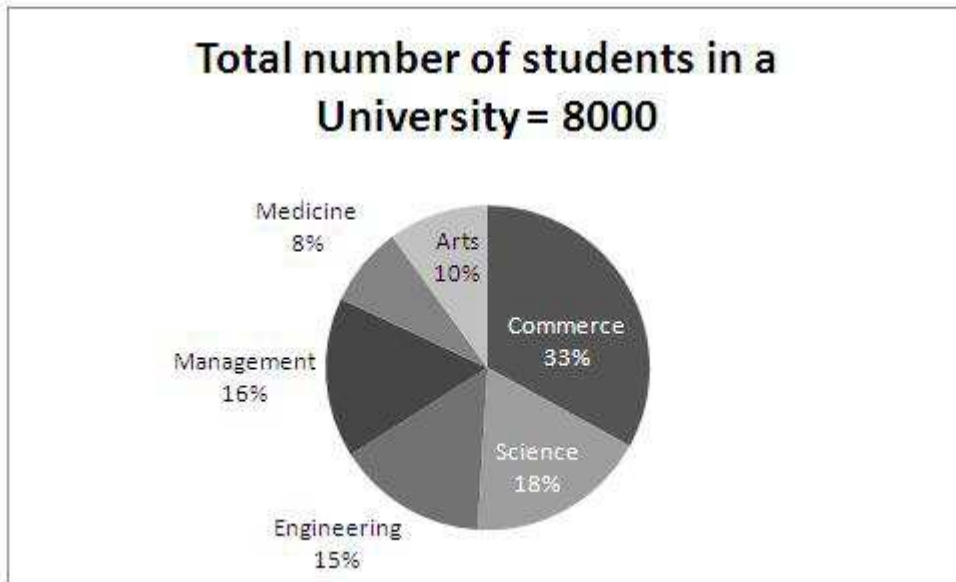
- 2001
- 2004
- 2002
- 2003

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156 PU_2015_MBA

Refer the following table and pie-chart, and answer the question.

Stream of education in a University	Male-Female ratio
Art	2:3
Medicine	1:1
Management	9:7
Engineering	7:5
Science	4:5
Commerce	3:5



How many female students study Engineering and Medicine?

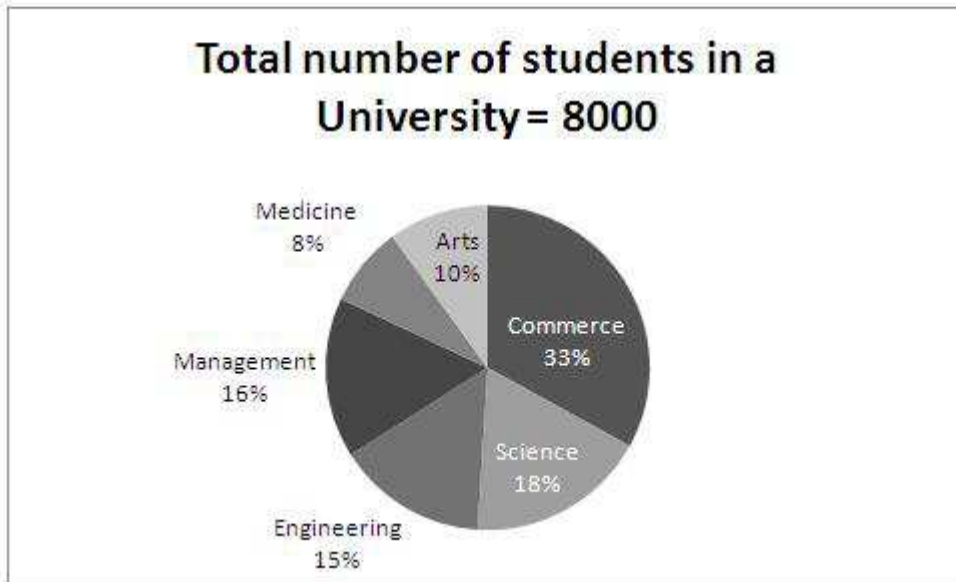
- 1280
- 480
- 5000
- 820

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157 PU_2015_MBA

Refer the following table and pie-chart, and answer the question.

Stream of education in a University	Male-Female ratio
Art	2:3
Medicine	1:1
Management	9:7
Engineering	7:5
Science	4:5
Commerce	3:5



Number of female students studying Management is what percentage of the total number of students in the University?

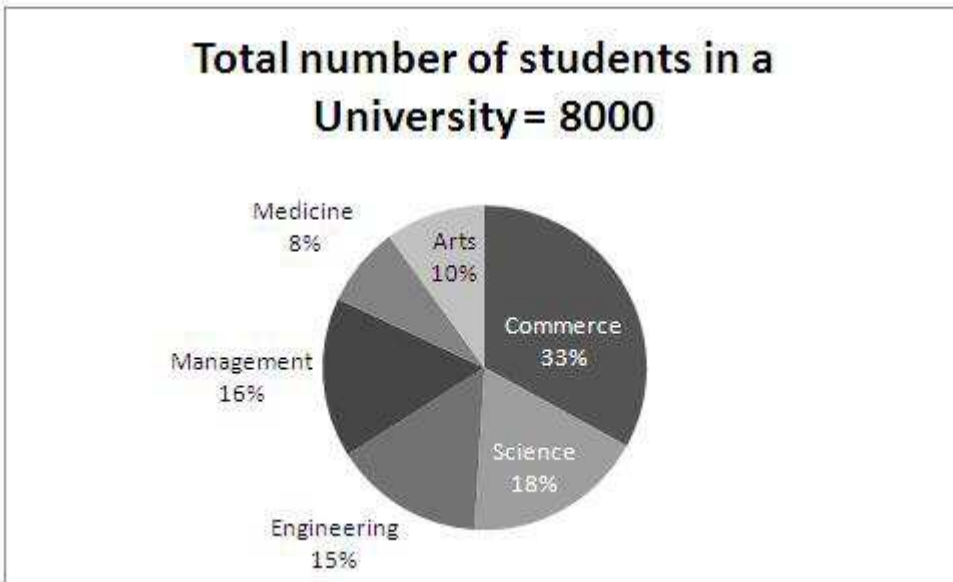
- 7
- 9
- 27
- 12

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159 PU_2015_MBA

Refer the following table and pie-chart, and answer the question.

Stream of education in a University	Male-Female ratio
Art	2:3
Medicine	1:1
Management	9:7
Engineering	7:5
Science	4:5
Commerce	3:5



What is the total number of male students studying commerce?

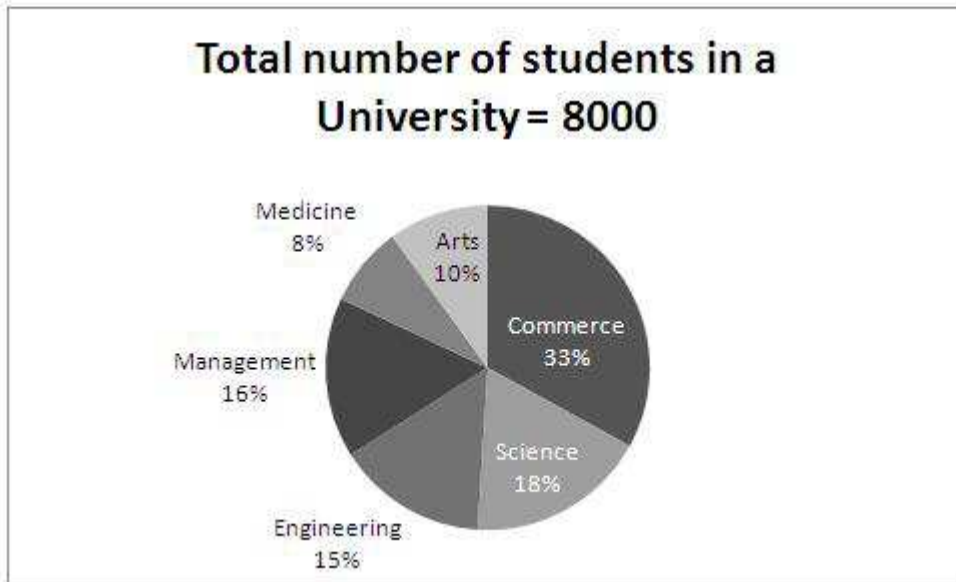
- 1440
- 1650
- 1280
- 990

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158 PU_2015_MBA

Refer the following table and pie-chart, and answer the question.

Stream of education in a University	Male-Female ratio
Art	2:3
Medicine	1:1
Management	9:7
Engineering	7:5
Science	4:5
Commerce	3:5



How many male students are there in the Arts stream?

- 320
- 720
- 800
- 480

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221 PU_2015_MBA

In a joint family of seven persons, A, B, C, D, E, F and G, two are married couples. G is a house wife and her husband is a lawyer. C is the wife of B. A is an engineer and is the granddaughter of G. D is the father-in-law of C who is a doctor. D is the father of E, a male professor. F is A's brother and B's son.

How is F related to C ?

- Daughter
- Brother
- Son
- Data inadequate

38 of 100

222 PU_2015_MBA

In a joint family of seven persons, A, B, C, D, E, F and G, two are married couples. G is a house wife and her husband is a lawyer. C is the wife of B. A is an engineer and is the granddaughter of G. D is the father-in-law of C who is a doctor. D is the father of E, a male professor. F is A's brother and B's son.

How is A related to D ?

- Daughter-in-law
- Grandson.
- Granddaughter
- Daughter

39 of 100

223 PU_2015_MBA

In a joint family of seven persons, A, B, C, D, E, F and G, two are married couples. G is a house wife and her husband is a lawyer. C is the wife of B. A is an engineer and is the granddaughter of G. D is the father-in-law of C who is a doctor. D is the father of E, a male professor. F is A's brother and B's son.

What is the profession of the brother-in-law of C ?

- Lawyer
- Professor
- Engineer
- Data inadequate.

40 of 100

227 PU_2015_MBA

Answer the question based on the information given below.

A country has the following types of traffic signals:-

3 red lights = Stop;

2 red lights = turn left;

1 red light = turn right;

3 green lights = go at 100kmph speed;

2 green lights = go at 40 kmph speed;

1 green light = go at 20kmph speed;

A motorist starts at a point on a road and heading towards the north. He encounters the following signals (the time mentioned in each case below is applicable after crossing the previous signal).

Starting point – 1 green light;

After half an hour 1st signal – 2red and 2 green lights;

After 15 minutes, 2nd signal – 1 red light;

After half an hour 3rd signal – 1 red & 3 green lights;

After 24 minutes, 4th signal – 2 red & 2 green lights;

After 15 minutes, 5th signal – 3 red lights;

What is the position (radical distance) of the motorist when he reaches the last signal ?

- 30 km directly to the east of starting point

- 45 km directly north of starting point
- 45 km away to the northwest of starting point
- 50 km away to the northeast of starting point

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225 PU_2015_MBA

Answer the question based on the information given below.

A country has the following types of traffic signals:-

3 red lights = Stop;

2 red lights = turn left;

1 red light = turn right;

3 green lights = go at 100kmph speed;

2 green lights = go at 40 kmph speed;

1 green light = go at 20kmph speed;

A motorist starts at a point on a road and heading towards the north. He encounters the following signals (the time mentioned in each case below is applicable after crossing the previous signal).

Starting point – 1 green light;

After half an hour 1st signal – 2red and 2 green lights;

After 15 minutes, 2nd signal – 1 red light;

After half an hour 3rd signal – 1 red & 3 green lights;

After 24 minutes, 4th signal – 2 red & 2 green lights;

After 15 minutes, 5th signal – 3 red lights;

After the starting point, if the first signal were 1 red and 2 green lights, what would be the final position of the motorists?

- 30 km to the west and 20 km to the south
- Directly 30 km to the east.
- 30 km to the west and 40 km to the north
- 50 km to the east and 40 km to the north

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226 PU_2015_MBA

Answer the question based on the information given below.

A country has the following types of traffic signals:-

3 red lights = Stop;

2 red lights = turn left;

1 red light = turn right;

3 green lights = go at 100kmph speed;

2 green lights = go at 40 kmph speed;

1 green light = go at 20kmph speed;

A motorist starts at a point on a road and heading towards the north. He encounters the following signals (the time mentioned in each case below is applicable after crossing the previous signal).

Starting point – 1 green light;

After half an hour 1st signal – 2red and 2 green lights;

After 15 minutes, 2nd signal – 1 red light;
After half an hour 3rd signal – 1 red & 3 green lights;
After 24 minutes, 4th signal – 2 red & 2 green lights;
After 15 minutes, 5th signal – 3 red lights;

If at the starting point, the car was heading towards south, what would be the final position of motorist :-

- 30 km to the east and 40 km to the south
- 50 km to the east and 40 km to the south
- 50 km to the west and 20 km to the south
- 30 km to the west and 40 km to the south

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224 PU_2015_MBA

Answer the question based on the information given below.

A country has the following types of traffic signals:-

3 red lights = Stop;

2 red lights = turn left;

1 red light = turn right;

3 green lights = go at 100kmph speed;

2 green lights = go at 40 kmph speed;

1 green light = go at 20kmph speed;

A motorist starts at a point on a road and heading towards the north. He encounters the following signals (the time mentioned in each case below is applicable after crossing the previous signal).

Starting point – 1 green light;

After half an hour 1st signal – 2 red and 2 green lights;

After 15 minutes, 2nd signal – 1 red light;

After half an hour 3rd signal – 1 red & 3 green lights;

After 24 minutes, 4th signal – 2 red & 2 green lights;

After 15 minutes, 5th signal – 3 red lights;

The total distance travelled by the motorist from the starting point till the last signal is:-

- 90km
- 100 km
- 120 km
- None of these

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228 PU_2015_MBA

All GRE sample analytical reasoning questions are based on a passage or set of conditions. While answering a few of the GRE sample analytical reasoning questions, you would find it useful to draw a rough diagram. To answer any question choose the answer you think is most appropriate among the given options.

Three men (Tom, Peter and Jack) and three women (Eliza, Anne and Karen) are spending a few months at a hillside. They are to stay in a row of nine cottages, each one living in his or her own cottage. There

are no others staying in the same row of houses.

1. Anne, Tom and Jack do not want to stay in any cottage, which is at the end of the row.
2. Eliza and Anne are unwilling to stay besides any occupied cottage.
3. Karen is next to Peter and Jack.
4. Between Anne and Jack's cottage there is just one vacant house.
5. None of the girls occupy adjacent cottages.
6. The house occupied by Tom is next to an end cottage.

Which of the above statements can be said to have been derived from two other statements?

- Statement 5
- Statement 3
- Statement 1
- Statement 2

45 of 100

229 PU_2015_MBA

All GRE sample analytical reasoning questions are based on a passage or set of conditions. While answering a few of the GRE sample analytical reasoning questions, you would find it useful to draw a rough diagram. To answer any question choose the answer you think is most appropriate among the given options.

Three men (Tom, Peter and Jack) and three women (Eliza, Anne and Karen) are spending a few months at a hillside. They are to stay in a row of nine cottages, each one living in his or her own cottage. There are no others staying in the same row of houses.

1. Anne, Tom and Jack do not want to stay in any cottage, which is at the end of the row.
2. Eliza and Anne are unwilling to stay besides any occupied cottage.
3. Karen is next to Peter and Jack.
4. Between Anne and Jack's cottage there is just one vacant house.
5. None of the girls occupy adjacent cottages.
6. The house occupied by Tom is next to an end cottage.

How many of them occupy cottages next to a vacant cottage ?

- 3
- 4
- 2
- 5

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233 PU_2015_MBA

A sum of money is distributed amongst a certain number of persons. The second person receives Re.1 more than the first person, the third person receives Rs.2 more than the second, the fourth person receives Rs. 3 more than the third and so on. The first person gets Re.1 and the last person gets Rs.67.

What is the total sum distributed?

- Rs. 286
- Rs. 289

Rs. 298

Rs. 268

47 of 100

232 PU_2015_MBA

A sum of money is distributed amongst a certain number of persons. The second person receives Re.1 more than the first person, the third person receives Rs.2 more than the second, the fourth person receives Rs. 3 more than the third and so on. The first person gets Re.1 and the last person gets Rs.67.

What is the number of persons?

11

10

13

12

48 of 100

235 PU_2015_MBA

Read the following passage to solve the question.

In a shopping mall, six shops on a floor in two rows facing North and South are allotted to K, L, M, N, O and P, not necessarily in that order. The number of shops in both the rows are equal in number; V gets a North-facing shop and is not next to X; W which is next to Z gets a South-facing shop and Y gets a North-facing shop.

In this scenario, whose shop is between V and X?

Y

W

U

Z

49 of 100

262 PU_2015_MBA

Select from amongst the four alternatives the word which is most nearly opposite in meaning to the word given in capital letters.

IMPLICIT

Definite

Satire

Baseless

Unexplained

50 of 100

260 PU_2015_MBA

Select from amongst the four alternatives the word which is most nearly opposite in meaning to the word given in capital letters.

ABSTAIN

- Runaway
- Permit
- Refuse
- Oppose

51 of 100

261 PU_2015_MBA

Select from amongst the four alternatives the word which is most nearly opposite in meaning to the word given in capital letters.

CANDID

- Legal
- Misleading
- Useless
- Worthless

52 of 100

265 PU_2015_MBA

The question consists of a number of sentences, in each of which some part or the whole is underlined. Each sentence is followed by four alternate versions of the underlined portion. Select an alternative you consider both most correct and most effective according to the requirements of standard written English.

Having stole the money, the manager searched the accountant.

- Having stole the money, the manager searched the accountant
- Having stolen the money, the accountant was searched by the manager
- Having stolen the money, the manager searched the accountant
- Having stole the money, the accountant was searched by the manager

53 of 100

264 PU_2015_MBA

The question consists of a number of sentences, in each of which some part or the whole is underlined. Each sentence is followed by four alternate versions of the underlined portion. Select an alternative you consider both most correct and most effective according to the requirements of standard written English.

Anyone interested in the use of computers can learn much if you have access to a state-of-the art micro-computer.

- If you have access to
- If he has access to
- If they have access to
- If access is available to

54 of 100

263 PU_2015_MBA

The question consists of a number of sentences, in each of which some part or the whole is underlined. Each sentence is followed by four alternate versions of the underlined portion. Select an alternative you consider both most correct and most effective according to the requirements of standard written English.

The government's failing to keep it's pledges will earn the distrust of all its partners in the alliance.

- The government's failing to keep it's pledges
- The government failing to keep it pledges
- The Government failing to keep it's pledges
- The government's failing to keep its pledges

55 of 100

267 PU_2015_MBA

The question consists of a number of sentences, in each of which some part or the whole is underlined. Each sentence is followed by four alternate versions of the underlined portion. Select an alternative you consider both most correct and most effective according to the requirements of standard written English.

Today the management scene in India is a totally different world than we have seen in the last decade

- than what we seen in the last decade
- then we have seen in the last decade
- from what we seen in the last decade
- from what we have seen in the last decade

56 of 100

266 PU_2015_MBA

The question consists of a number of sentences, in each of which some part or the whole is underlined. Each sentence is followed by four alternate versions of the underlined portion. Select an alternative you consider both most correct and most effective according to the requirements of standard written English.

Except for you and I, everyone brought a present to the party.

- Except for you and me, everyone had brought
- Except for you and I, everyone had brought
- Except for you and me, everyone brought
- Except for you and I, everyone brought

57 of 100

270 PU_2015_MBA

In question below, the passage consists of six sentences. The first and six sentences are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labeled PQR and S. Find out the proper order for the four sentences.

S1: Once upon a time an ant lived on the bank of a river
S6: She was touched
P: The dove saw the ant struggling in water in a helpless condition
Q: All its efforts to come up failed
R: One day it suddenly slipped into the water
S: A dove lived in a tree on the bank not far from the spot

The proper sentence should be:-

- PQRS
- QRPS
- SRPQ
- RQSP

58 of 100

269 PU_2015_MBA

In question below, the passage consists of six sentences. The first and six sentences are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labeled PQR and S. Find out the proper order for the four sentences.

S1 We must learn to depend on ourselves and not look to others for help every time we are in trouble
S6: A country's freedom can be preserved only by her own strength and self reliance
P: We should not forget that those who lean too much on others tend to become weak and helpless
Q: Certainly we want to make friends with the rest of the world
R: We welcome help and cooperation from every quarter, but we must depend primarily on our own resources
S: we also seek the good will and cooperation of all those who reside in this country. Whatever their race or nationality.

The proper sequence should be:-

- QSRP
- SRQP
- PQRS
- QPRS

59 of 100

268 PU_2015_MBA

In question below, the passage consists of six sentences. The first and six sentences are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labeled PQR and S. Find out the proper order for the four sentences.

S1: She said on the phone that she would report for duty next day
S6: Eventually we reported to the police
P: We waited for a few days, then we decided to go to her place
Q: But she did not

R: We found it locked

S: Even after that we waited for her for a quite a few days

The proper sequence should be:-

QPSR

PRSQ

SQPR

QPRS

60 of 100

272 PU_2015_MBA

Nine individuals - Z, Y, X, W, V, U, T, S and R - are the only candidates, who can serve on three committees -- A, B and C, and each candidate should serve on exactly one of the committees.

Committee A should consist of exactly one member more than committee B.

It is possible that there are no members of committee C.

Among Z, Y and X none can serve on committee A.

Among W, V and U none can serve on committee B.

Among T, S and R none can serve on committee C.

Of the nine individuals, the largest number that can serve together on committee C is:-

6

9

7

8

61 of 100

204 PU_2015_MBA New

Two numbers, both greater than 29, have H.C.F. 29 and L.C.M. 4147. The sum of the numbers is

669

666

696

966

62 of 100

190 PU_2015_MBA New

A wooden cuboid of dimensions $9 \times 7 \times 5$ unit is painted in a fixed pattern.

i. The two opposite faces in the front and back are painted in red with 9×7 cuts.

ii. The other two opposite faces on the sides are painted in green with 9×5 cuts.

iii. The remaining top and bottom faces are painted in blue.

The cuboid is cut into 315 small cubes.

How many cubes have two faces coloured?

10

- 8
- 24
- 32

63 of 100

183 PU_2015_MBA New

Main statement followed by four statements labelled I,II, III and IV. Choose the ordered pair of statements, where the first statement implies the second, and the two statements are logically consistent with the main statement.

I get cold feet whenever I see an examination paper.

- I. I saw an examination paper
- II. I didn't see an examination paper
- III. I got cold feet
- IV. I didn't get cold feet.

- III, I
- II, IV
- II, III
- IV, II

64 of 100

195 PU_2015_MBA New

Find out the missing term:

0.7, 2.8, 11.2, 44.8, ?

- 177.2
- 179.2
- 178.2
- 179

65 of 100

202 PU_2015_MBA New

Which natural number is nearest to 9217, which is completely divisible by 88?

- 9240
- 9152
- 9184
- 9064

66 of 100

208 PU_2015_MBA New

$\frac{3}{8}$ of $168 \times 515 / 3 + ? = 549 / 9 + 235$

- 174
- 189

296

107

67 of 100

193 PU_2015_MBA New

Abdul, Balwinder, and Charu go for dinner to Domino's, a famous restaurant at C.R.Park. Each orders either Paneer Tikka or Roasted Chicken.

- i. If Abdul orders Paneer Tikka, the Balwinder orders what Charu had ordered.
- ii. If Balwinder orders Paneer Tikka, then Abdul orders the dish that Charu doesn't order
- iii. If Charu orders Roasted Chicken, the Abdul orders the dish that Balwinder ordered.

Who among the three always orders the same dish?

- Charu
- Balwinder
- Abdul
- Data inadequate

68 of 100

186 PU_2015_MBA New

In a test in which 120 students appeared, 90 passed in History, 65 passed in Sociology and 75 passed in Political Science. 30 students passed in only one subject and 55 students in only two. 5 students passed no subjects.

Find the number of students who passed in at least two subjects.

- 90
- 95
- 83
- Data insufficient

69 of 100

180 PU_2015_MBA New

Choose the option in which the combination are logically related.

- I. All falcons fly high
- II. All falcons are blind
- III. All falcons are birds
- IV. All birds are yellow
- V. All birds are thirsty
- VI. All falcons are yellow

- IV, V, VI
- I, II, III
- II, III, I
- III, IV, VI

70 of 100

201 PU_2015_MBA New
 $(1000)^9 / (10)^{24} = ?$

- 100000
- 10000
- 100
- 1000

71 of 100

184 PU_2015_MBA New

Main statement followed by four statements labelled I,II, III and IV. Choose the ordered pair of statements, where the first statement implies the second, and the two statements are logically consistent with the main statement.

All irresponsible bosses shout if their workers do not fall in line.

- I. All irresponsible bosses do not shout
- II. Workers fall in line
- III. Workers do not fall in line
- IV. All irresponsible bosses shout.

- II, I
- III, I
- I, II
- IV, I

72 of 100

218 PU_2015_MBA New

Find the number of bricks, each measuring 24cm × 12cm × 8cm, required to construct a wall 24m long, 8m high and 60cm thick, if 10% of the wall is filled with mortar ?

- 50000
- 45000
- 40000
- 35000

73 of 100

213 PU_2015_MBA New

If A:B = 5:7 and B:C = 6:11, then A:B:C is:-

- 30:42:77
- 35:49:42
- 10:10:10
- 55:77:66

74 of 100

187 PU_2015_MBA New

There are 20000 people living in Defence Colony, Gurgaon. Out of them 9000 subscribe to Star TV Network and 12000 to Zee TV Network. If 4000 subscribe to both, how many do not subscribe to any of the two?

- 4000
- 1000
- 3000
- 2000

75 of 100

181 PU_2015_MBA New

Main statement followed by four statements labelled I,II, III and IV. Choose the ordered pair of statements, where the first statement implies the second, and the two statements are logically consistent with the main statement.

One gets a chocolate every time one visits the restaurant.

- I. I got a chocolate
- II. I didn't get a chocolate
- III. I didn't visit the restaurant
- IV. I visited the restaurant

- II, IV
- IV, I
- I, III
- I, II

76 of 100

198 PU_2015_MBA New

Complete the following series:

J2Z, K4X, I7V, ? , H16R, F22P

- G11S
- G11T
- L12S
- G11U

77 of 100

205 PU_2015_MBA New

Four different electronic devices make a beep after every 30 minutes, 1 hour, 1 hour 30minutes and 1 hour 45 minutes respectively. All the devices beeped together at 12 noon. They will again beep together at:

- 3am.
- 9am.
- 6am.
- 12 midnight

78 of 100

199 PU_2015_MBA New

Which letter should be the tenth letter to the left of the ninth letter from the right, if the first half of the alphabet of English are reversed?

- D
- I
- E
- F

79 of 100

219 PU_2015_MBA New

The straight lines $x + y - 4 = 0$, $3x + y - 4 = 0$ and $x + 3y - 4 = 0$ form a triangle which is:-

- equilateral
- rectangle
- scalene
- isosceles

80 of 100

214 PU_2015_MBA New

Find the simple interest on Rs. 3000 at $6\frac{1}{4}\%$ per annum for the period from 4th Feb., 2005 to 18th April., 2005.

- Rs. 37.50
- Rs. 35.05
- Rs. 40
- Rs. 30.50

81 of 100

207 PU_2015_MBA New

$12.1212 + 17.0005 - 9.1102 = ?$

- 20.0115
- 20.0105
- 20.1015
- 20.0015

82 of 100

192 PU_2015_MBA New

A wooden cuboid of dimensions $9 \times 7 \times 5$ unit is painted in a fixed pattern.

- i. The two opposite faces in the front and back are painted in red with 9×7 cuts.
- ii. The other two opposite faces on the sides are painted in green with 9×5 cuts.
- iii. The remaining top and bottom faces are painted in blue.

The cuboid is cut into 315 small cubes.

How many cubes have two faces coloured, that too Red and Green?

- 25
- 32
- 14
- 28

83 of 100

196 PU_2015_MBA New

40, 45, 35, _____ which term will be the first negative term of the series?

- 12th term
- 10th term
- 11th term
- 13th term

84 of 100

189 PU_2015_MBA New

Ram is a terrible driver. He has had at least five traffic violations in the past year.

Which of the following can be said about the above claim?

- This is an example of an argument that is directed against the person making an argument rather than the argument itself.
- The above argument obtains its strength from a similarity of two compared situations.
- The argument is built upon an assumption that is not stated but is concealed.
- The argument is fallacious because it contains an illegitimate parallelism

85 of 100

247 PU_2015_MBA New

Five roommates - Randy, Sally, Terry, Uma, and Vernon - each do one housekeeping task - mopping, sweeping, laundry, vacuuming, or dusting - one day a week, Monday through Friday.

- Vernon does not vacuum and does not do his task on Tuesday.
- Sally does the dusting, and does not do it on Monday or Friday.
- The mopping is done on Thursday.
- Terry does his task, which is not vacuuming, on Wednesday.
- The laundry is done on Friday, and not by Uma.
- Randy does his task on Monday.

When does Sally do the dusting?

- Wednesday
- Friday
- Tuesday
- Monday

86 of 100

251 PU_2015_MBA New

- 1.The microbe A causes the contagious disease A.
 - 2.The first symptoms appear after a period of two days since the microbe A enters the body.
 - 3.The microbe A is found in some flies and bees.
 - 4.A fly bit Jack on Monday, February 6.
 - 5.Nick worked with Jack the next day, Tuesday, February 7.
- There were no other possibilities of exposure to Disease A.

In case Nick displayed symptoms of the disease A, which among the following would be true?

- II and III only
- III only
- I only
- II only

87 of 100

245 PU_2015_MBA New

Eleanor is in charge of seating the speakers at a table. In addition to the moderator, there will be a pilot, a writer, an attorney, and an explorer. The speakers' names are Gary, Heloise, Jarrod, Kate, and Lane.

- The moderator must sit in the middle, in seat #3.
- The attorney cannot sit next to the explorer.
- Lane is the pilot.
- The writer and the attorney sit on either side of the moderator.
- Heloise, who is not the moderator, sits between Kate and Jarrod.
- The moderator does not sit next to Jarrod or Lane.
- Gary, who is the attorney, sits in seat #4.

Who is the moderator?

- Lane
- Heloise
- Gary
- Kate

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255 PU_2015_MBA New

Virus M helps in controlling the population of gnats; they manage to do this by killing the moth's larvae. Though the virus is always present in the larvae, it is only every six or seven years that the virus seriously decimates the numbers of larvae, greatly reducing the population of the gnats. Scientists are of the opinion that the gnats, usually latent, are activated only when the larvae experience biological stress. In case the above mentioned scientists are correct, it can be inferred that the decimation of gnat populations by the virus M could be most probably activated by the following conditions?

- Attacks on the larvae by all kinds by parasitic wasps and flies.
- Starvation of the gnat larvae due to over population.
- The resultant stress from defoliation of trees attacked by the gnats for the second consecutive year.
- A shift by the gnats from drought areas to a normal area occupied by them

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249 PU_2015_MBA New

Walk into any supermarket or pharmacy and you will find several shelves of products designed to protect adults and children from the sun. Additionally, a host of public health campaigns have been created, including National Skin Cancer Awareness Month, that warn us about the sun's damaging UV rays and provide guidelines about protecting ourselves. While warnings about the sun's dangers are frequent, a recent survey found that fewer than half of all adults adequately protect themselves from the sun.

This paragraph best supports the statement that:-

- children are better protected from the sun's dangerous rays than adults.
- adults are not heeding the warnings about the dangers of sun exposure seriously enough.
- more adults have skin cancer now than ever before.
- sales of sun protection products are at an all-time high.

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253 PU_2015_MBA New

The principal evil in today's society is selfishness. Everywhere we see people, who are concerned only with themselves. Personal advancement is the only motivating force in the world today. This does not mean that individuals are not willing to help one another; on the contrary, _____. But, these are only short-term occurrences which ultimately serve our long-term goal of personal gain.

To fill in the blank in the above passage, select one of the options from the below mentioned options:

- my uncle Jeremy used to help me with my homework.
- there are many occasions when we graciously offer our assistance
- our yearning for power prevents us from understanding our existential purpose.
- we are always trying to undermine others endeavours.

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243 PU_2015_MBA New

The government of an island nation is in the process of deciding how to spend its limited income. It has \$7 million left in its budget and eight programs to choose among. There is no provision in the constitution to have a surplus, and each program has requested the minimum amount they need; in other words, no program may be partially funded. The programs and their funding requests are:-

- Hurricane preparedness: \$2.5 million
- Harbour improvements: \$1 million
- School music program: \$0.5 million
- Senate office building remodelling: \$1.5 million
- Agricultural subsidy program: \$2 million
- National radio: \$0.5 million
- Small business loan program: \$3 million
- International airport: \$4 million

If the legislature decides to fund the agricultural subsidy program, national radio, and the small business loan program, what two other programs could they fund?

- hurricane preparedness and school music program
- harbour improvements and international airport
- hurricane preparedness and international airport
- harbour improvements and school music program

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241 PU_2015_MBA New

Danielle has been visiting friends in Ridgewood for the past two weeks. She is leaving tomorrow morning and her flight is very early. Most of her friends live fairly close to the airport. Madison lives ten miles away. Frances lives five miles away, Samantha, seven miles. Alexis is farther away than Frances, but closer than Samantha. Approximately how far away from the airport is Alexis?

- nine miles
- seven miles
- six miles
- eight miles

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283 PU_2015_MBA New

If $a+b$ implies $a-b$
 $a-b$ implies $a \times b$
 $a \times b$ implies a / b
 a/b implies $a + b$

Calculate $5 + 8 - 25 \times 5 / 40$

- 0
- 5
- 10
- 5

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289 PU_2015_MBA New

Compare between the given Two quantities and choose the appropriate answer from the given options.

Quantity A: The number of months in 7 years

Quantity B: The number of days in 12 weeks

- Quantity in Column B is greater
- Quantity in Column A is greater
- The two quantities are equal
- The relationship cannot be determined from the information given

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281 PU_2015_MBA New

A piece of cloth cost Rs. 35. If the length of the piece would have been 4m longer and each meter cost Rs. 1 less, the cost would have remained unchanged. How long is the piece?

- 10m
- 12m
- 9m
- 14m

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298 PU_2015_MBA New

A finishes the work in 10 days & B in 8 days individually. If A works for only 6 days then how many days should B work to complete A's work?

- 6.2
- 2.8
- 3.2
- 4.5

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295 PU_2015_MBA New

Given that $-1 \leq v \leq 1$, $-2 \leq u \leq -0.5$ and $-2 \leq z \leq -0.5$ and $w = vz/u$, then which of the following is necessarily true?

- $-0.5 \leq w \leq 2$
- $-4 \leq w \leq 4$
- $-2 \leq w \leq -0.5$
- $-4 \leq w \leq 2$

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291 PU_2015_MBA New

Compare between the given Two quantities and choose the appropriate answer from the given options.

t is a positive integer.

$$4/7 = t/s$$

Quantity A: s

Quantity B: 7

- Quantity B is greater
- Quantity A is greater
- The two quantities are equal
- The relationship cannot be determined from the information given

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285 PU_2015_MBA New

If $a+b$ implies $a-b$

$a-b$ implies $a \times b$

$a \times b$ implies a / b

a/b implies $a + b$

Find the value of

$$(4+3-5 \times 1/4) \times (5+2-3 \times 1/4)$$

- $-8/3$
- 1
- $-7/3$

2

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299 PU_2015_MBA New

A man, a woman, and a child can do a piece of work in 6 days. Man only can do it in 24 days. Woman can do it in 16 days and in how many days child can do the same work?

14

18

12

16