

## Section 1 - Section 1

## Question No.1

4.00

Bookmark ☐

The speed of a CPU is measured in what?

- ☐ Megahertz
- ☐ Hertz (Hz)
- ☐ Gigabytes
- ☐ Byte

## Question No.2

4.00

Bookmark ☐

The excess of compound interest over simple interest is due to:

- ☐ Complexity
- ☐ Periodicity
- ☐ Principal
- ☐ Rate

## Question No.3

4.00

Bookmark ☐

Which of the gas is not known as green house gas?

- ☐ Hydrogen
- ☐ Carbon dioxide
- ☐ Methane
- ☐ Nitrous oxide

## Question No.4

4.00

Bookmark ☐

One card is drawn at random from a pack of 52 cards. What is the probability that the card drawn is a face card (Jack, Queen and King only)?

- ☐ 1/4
- ☐ 3/13
- ☐ 9/52
- ☐ 1/19

## Question No.5

4.00

Bookmark ☐

What are the average marks obtained by these six students in Economics?

**TABULATED DATA**

Percentage of marks obtained by six students in six different subjects.  
Number given in small brackets indicates the full marks of the subject.

SUBJECT → STUDENT S	MAT HS (120)	ENGLI SH (75)	HIND I (60)	ECONOMI CS (75)	SCIENC E (150)	COMPUTE RS (50)

DURGESH	92	80	70	88	62	78
RENUKA	90	48	75	68	76	88
RAHUL	72	44	65	52	78	86
RADHA	96	72	45	80	82	92
PRATIGYA	98	76	65	64	84	80
PRATIK	80	64	75	92	64	70

- ☐ 52.5
- ☐ 53.5
- ☐ 74
- ☐ 52

#### Question No.6

4.00

Bookmark ☐

In which subject has Pratigya got the least marks?

#### TABULATED DATA

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Number given in small brackets indicates the full marks of the subject.

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PRATIGYA	98	76	65	64	84	80
PRATIK	80	64	75	92	64	70

- ☐ Economics
- ☐ English
- ☐ Hindi
- ☐ Computer Sc

#### Question No.7

4.00

Bookmark ☐

Not a feature of EMI on Home/Car loans

- ☐ High interest component in the later EMIs
- ☐ High Portion Principal in the later EMIs
- ☐ Low interest component in the later EMIs
- ☐ Equated Monthly Installments

#### Question No.8

4.00

Bookmark ☐

The ratio of students in a coaching preparing for Tech and MBA is 4: 5. The ratio of fees collected from each of Tech and MBA students is 25: 16. If the total amount collected from all the students is 1.62 Lakh, what is the total amount collected from only MBA aspirants?

- ☐ Rs. 52,000
- ☐ Rs. 72,000
- ☐ Rs. 82,000
- ☐ Rs. 62,000

#### Question No.9

4.00

Bookmark ☐

Compound interest accumulates slower with:

- ☐ Yearly compounding
- ☐ Quarterly compounding
- ☐ Monthly compounding

- ☐ Monthly compounding
- ☐ Daily compounding

#### Question No.10

4.00

Bookmark ☐

A and B together have Rs. 1210. If  $\frac{4}{15}$  of A's amount is equal to  $\frac{2}{5}$  of B's amount, how much amount does B have?

- ☐ Rs. 664
- ☐ Rs. 460
- ☐ Rs. 484
- ☐ Rs. 550

#### Question No.11

4.00

Bookmark ☐

In a 500 m race Sree beats Mahi by 100 m or 5 seconds. In another race on the same track at the same speeds. Mahi and Anil start at one end while Sree starts at the opposite end. How many metres would Mahi have covered, by the time Sree meets Anil given that Sree's speed is 10 m/sec more than that of Anil.

- ☐ 275 m
- ☐ 250 m
- ☐ 200 m
- ☐ 225 m

#### Question No.12

4.00

Bookmark ☐

Choose the synonym of the italicized word. Vanita bore the pain with great *fortitude*.

- ☐ defiance
- ☐ indifference
- ☐ resilience
- ☐ soreness

#### Question No.13

4.00

Bookmark ☐

There is 60% increase in an amount in 6 years at simple interest. What will be the compound interest of Rs. 12,000 after 3 years at the same rate?

- ☐ Rs. 3972
- ☐ Rs. 2160
- ☐ Rs. 3120
- ☐ Rs. 6240

#### Question No.14

4.00

Bookmark ☐

The difference between simple and compound interests compounded annually on a certain sum of money for 2 years at 4% per annum is Re. 1. The sum (in Rs.) is:

- ☐ 625
- ☐ 640
- ☐ 650
- ☐ 630

#### Question No.15

4.00

Bookmark ☐

Alloy A contains 40% gold and 60% silver. Alloy B contains 35% gold and 40% silver and 25% copper. Alloys A and B are mixed in the ratio of 1:4. What is the ratio of gold and silver in the newly formed alloy is?

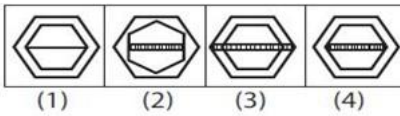
- ☐ 49% and 36%
- ☐ 25% and 35%
- ☐ 20% and 30%
- ☐ 36% and 44%

#### Question No.16

4.00

Bookmark ☐





- ☐ 2
- ☐ 3
- ☐ 1
- ☐ 4

#### Question No.17

4.00

Bookmark ☐

Although there are \_\_\_\_\_ outbursts of gunfire, the evening news reported that the major rebellion has been suppressed.

- ☐ sporadic
- ☐ meagre
- ☐ bitter
- ☐ heinous

#### Question No.18

4.00

Bookmark ☐

Sheets numbered 1 to 15 are mixed up and then a sheet is drawn at random. Find the probability that the sheet drawn has a number which is a multiple of 3 or 5?

- ☐ 7/15
- ☐ 8/15
- ☐ 3/5
- ☐ 2/5

#### Question No.19

4.00

Bookmark ☐

By walking at  $\frac{3}{4}$ th of his usual speed, a man reaches office 20 minutes later than usual. What is his usual time?

- ☐ 70 min
- ☐ 60 min
- ☐ 30 min
- ☐ 50 min

#### Question No.20

4.00

Bookmark ☐

**Statement:** Difficult questions need diagram for solving.

**Assumptions:**

- I. The students are not intelligent.
- II. Such questions cannot be solved.

- ☐ If neither I nor II is implicit
- ☐ If only assumption I is implicit
- ☐ If only assumption II is implicit
- ☐ If both I and II are implicit

#### Question No.21

4.00

Bookmark ☐

Correct the error in the italicized sentence by choosing the most appropriate options. He said firmly that he would rather *starve to stealing* to get what he needed.

- ☐ starve to rather steal
- ☐ starve to rather stealing
- ☐ rather starving to stealing
- ☐ rather starve than steal

**Question No.22**

4.00

Bookmark ☐

Which state government has recently set up toll-free helpline to provide information to students?

- ☐ Tamil Nadu
- ☐ Karnataka
- ☐ Maharashtra
- ☐ Punjab

**Question No.23**

4.00

Bookmark ☐

Your wake up time (in hrs.& mts) for 5 days: 5. 40, 6.20, 6, 6.10 & 5.50. Average wake up time is:

- ☐ 5.84
- ☐ 6
- ☐ 6.24
- ☐ 5.55

**Question No.24**

4.00

Bookmark ☐

Out of the following which can be both an input and an output device?

- ☐ Network cards
- ☐ Sound card
- ☐ Graphics card
- ☐ All of the above

**Question No.25**

4.00

Bookmark ☐

What is the ratio of the discount percent of the Eye liner and Bracelet sold by shopkeeper?

TABLE

Items	Cost Price	Profit %	Discount
Lipstick	225	12%	48
Kajal	320	20%	96
Eye liner	196	25%	35
Perfume	480	10%	72
Bracelet	140	15%	14

- ☐ 5: 4
- ☐ 11: 15
- ☐ 25: 16
- ☐ 16: 25

**Question No.26**

4.00

Bookmark ☐

Liver, milk, egg yolk, fish liver oil is the source of:

- ☐ Vitamin A
- ☐ Vitamin D
- ☐ Vitamin B2
- ☐ Vitamin C

**Question No.27**

4.00

Bookmark ☐

What does SSL stand for?

- ☐ Secure Socket Layer
- ☐ Source system layer
- ☐ Security System Layers
- ☐ Security System Law

## Question No.28

4.00

Bookmark ☐

Constitution of India came into effect from ?

- ☐ 15 January, 1950
- ☐ 16 January, 1950
- ☐ 26 January, 1950
- ☐ 15 August, 1950

## Question No.29

4.00

Bookmark ☐

In the following question, the first two words (given in italics) have a definite relationship. Choose one word out of the given four alternatives which will fill the blank space and show the same relationship with the third word as between the first two.

*Denigrate* is to *Devalue* as *Upgrade* is to .....? .....

- ☐ Promote
- ☐ Debase
- ☐ Praise
- ☐ Devalue

## Question No.30

4.00

Bookmark ☐

A job is completed by 5 persons in 6 days. To do it in 5 days how many additional persons is/are needed?

- ☐ 6
- ☐ 4
- ☐ 2
- ☐ 1

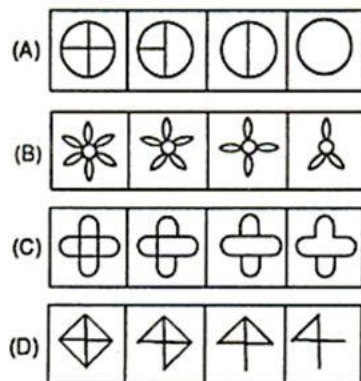
## Question No.31

4.00

Bookmark ☐

Which of the following set of figures follows the given rule?

Rule: Closed figure becomes more and more open.



- ☐ 3
- ☐ 1
- ☐ 2
- ☐ 4

## Question No.32

4.00

Bookmark ☐

The total number of marks obtained in Fe 18 is what percent of the total marks obtained in April 17?

## Line graph

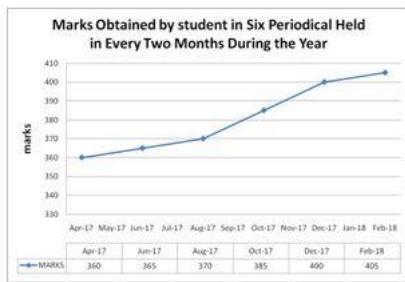
In a school the periodical examination are held every second month. In a session during April 2017 - March 2018, a student of Class IX appeared for each of the periodical exams. The aggregate marks obtained by him in each periodical exam are represented in the line-graph given below.

Marks Obtained by student in Six Periodical Held in Every Two Months during the Year in the Session 2017 - 2018.

Maximum Total Marks in each Periodical Exam = 500

periodical exams	marks
Apr-17	360
Jun-17	365
Aug-17	370

Oct-17	385
Dec-17	400
Feb-18	405



- ☐ 115%
- ☐ 112.50%
- ☐ 116.50%
- ☐ 110%

### Question No.33

4.00

Bookmark ☐

ADB has forecasted India's current economic growth forecast for this fiscal by 0.3% to—

- ☐ 6.6 percent
- ☐ 6.8 percent
- ☐ 6.7 percent
- ☐ 6.9 percent

### Question No.34

4.00

Bookmark ☐

What are the average marks obtained by the student in all the periodical exams during the last session?

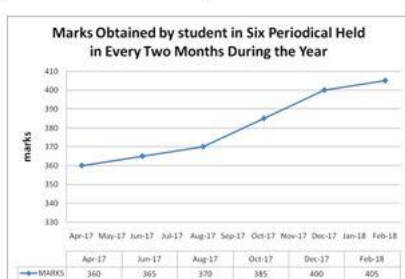
#### Line graph

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Aug-17	370
Oct-17	385
Dec-17	400
Feb-18	405



- ☐ 385
- ☐ 379
- ☐ 381
- ☐ 373

#### Question No.35

4.00

Bookmark ☐

What is the average percentage of marks obtained by all the three girls (Radha, Pratigya and Renuka) in English?

#### TABULATED DATA

Percentage of marks obtained by six students in six different subjects.  
Number given in small brackets indicates the full marks of the subject.

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RAHUL	72	44	65	52	78	86
RADHA	96	72	45	80	82	92
PRATIGYA	98	76	65	64	84	80
PRATIK	80	64	75	92	64	70

- ☐ 63.67
- ☐ 66.66
- ☐ 65.33
- ☐ 67.33

#### Question No.36

4.00

Bookmark ☐

If in a certain code, RIPPLE is coded as 613382 and LIFE is written as 8192. How is PILLER written in that code?

- ☐ 318826
- ☐ 318286
- ☐ 618826
- ☐ 338816

#### Question No.37

4.00

Bookmark ☐



Marked price of Eye liner is approximately how much percent more than the marked price of Bracelet?

**TABLE**

Items	Cost Price	Profit %	Discount
Lipstick	225	12%	48
Kajal	320	20%	96
Eye liner	196	25%	35
Perfume	480	10%	72
Bracelet	140	15%	14

- ☐ 60%
- ☐ 80%
- ☐ 50%
- ☐ 90%

**Question No.38**

4.00

Bookmark ☐

Based on the information given answer the following question.

1. In a family of six persons, there are people from three generations. Each has separate professions and they like different colours. There are two couples.
2. Shyam is an Engineer and his wife is not a doctor and she does not like Red colour.
3. Chartered Accountant likes green colour and his wife is a teacher.
4. Manisha is the mother-in-law of Sunita and she likes orange colour.
5. Vimal is the grand father of Tarun and tarun is the Principal and likes black colour.
6. Nyna is the grand daughter of Manisha and she likes blue colour. Nyna's Mother likes white colour.

How many ladies are there in the family?

- ☐ 3
- ☐ 4
- ☐ Cannot be determined
- ☐ 2

**Question No.39**

4.00

Bookmark ☐

Three years ago the average age of A and B was 18 years. If C joins them today, the average becomes 22 years. How old is C now?

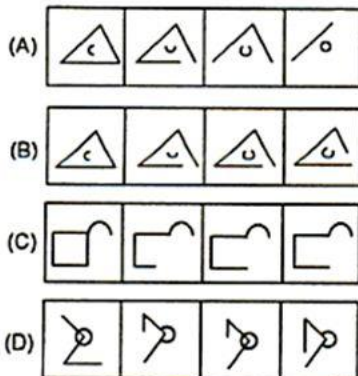
- ☐ 26
- ☐ 24
- ☐ 32
- ☐ 28

**Question No.40**

4.00

Bookmark ☐

Which of the following set of figures follows the given rule? Rule: Closed figures become more and more open and the open figures become more and more close



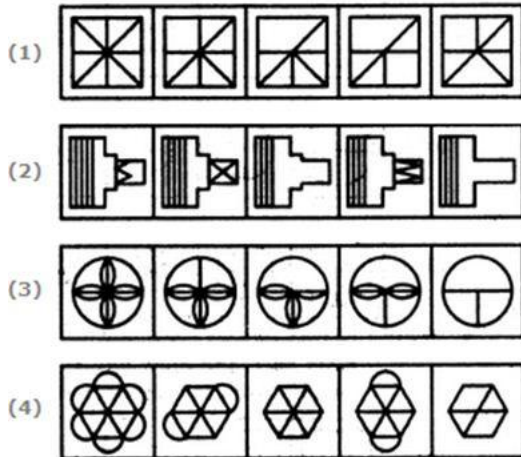
- ☐ 1
- ☐ 4
- ☐ 2
- ☐ 3

Question No.41

4.00

Bookmark ☐

Choose the set of figures which follows the given rule. Rule: The series becomes simpler as it proceeds.



- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4

Question No.42

4.00

Bookmark ☐

The difference between  $\frac{2}{9}$ th of X and  $\frac{2}{9}$ th of Y is 8. The difference between X and Y is:

- ☐ 36
- ☐ 72
- ☐ 45
- ☐ 81

Question No.43

4.00

Bookmark ☐

I sincerely \_\_\_\_\_ the inconvenience caused to you because of my delay.

- ☐ regret of
- ☐ regret
- ☐ regret about
- ☐ regret on

Question No.44

4.00

Bookmark ☐

Distribution of odd and even numbered faces coming up on a dice is dealt by:

- ☐ Normal distribution
- ☐ Binomial distribution
- ☐ Poisson distribution
- ☐ Beta distribution

Question No.45

4.00

Psychologists \_\_\_\_\_ that having a set of cherished companions is crucial to mental well-being.

- ☐ have long known
- ☐ have been knowing for long
- ☐ have known long
- ☐ have been known for long

**Question No.46**

4.00

Bookmark ☐

A box contains 2 Mangoes, 3 Apples & 2 Oranges. Two fruits are drawn at random. What is the probability that none of the fruit drawn is Orange?

- ☐ 10/21
- ☐ 9/21
- ☐ 4/17
- ☐ 5/7

**Question No.47**

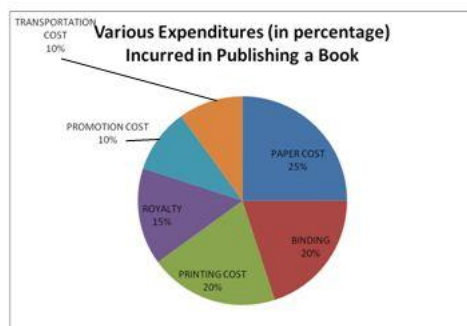
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Bookmark ☐

If for a certain quantity of books, the publisher has to pay Rs. 30,600 as printing cost, then what will be amount of royalty to be paid for these books?

Pie chart

DISTRIBUTION OF EXPENDITURE	PERCENTAGE
PAPER COST	25
BINDING	20
PRINTING COST	20
ROYALTY	15
PROMOTION COST	10
TRANSPORTATION COST	10



- ☐ Rs. 22,950
- ☐ Rs. 21,200
- ☐ Rs. 19,450
- ☐ Rs. 26,150

**Question No.48**

4.00

Bookmark ☐

Which type of memory that is held even after the computer is turned off?

- ☐ Secure Memory
- ☐ State Memory
- ☐ Flash memory
- ☐ Random Memory

**Question No.49**

4.00

Bookmark ☐

The probability of two persons of passing the interview are  $\frac{1}{3}$  and  $\frac{3}{5}$ . Then calculate the probability that only one of them pass the interview?

- ☐ 1/15
- ☐ 8/15
- ☐ 11/15
- ☐ 13/15

### Question No.50

4.00

Bookmark ☐

The shopkeeper sold 2 kajal, 3 Eye liners, 2 perfumes and 1 bracelet to a customer. What is his average profit?

**TABLE**

Items	Cost Price	Profit %	Discount
Lipstick	225	12%	48
Kajal	320	20%	96
Eye liner	196	25%	35
Perfume	480	10%	72
Bracelet	140	15%	14

- ☐ Rs. 50
- ☐ Rs. 52.3
- ☐ Rs. 49
- ☐ Rs. 37.5

### Question No.51

4.00

Bookmark ☐

The total number of marks obtained in Aug. 17 is what percent of the total marks obtained in April 17?

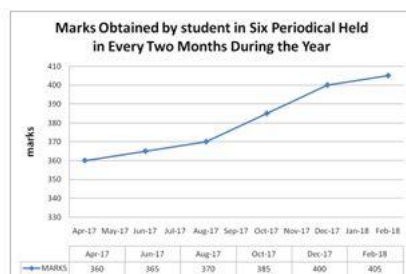
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- ☐ 102.70%
- ☐ 105.50%
- ☐ 102.50%
- ☐ 100%

#### Question No.52

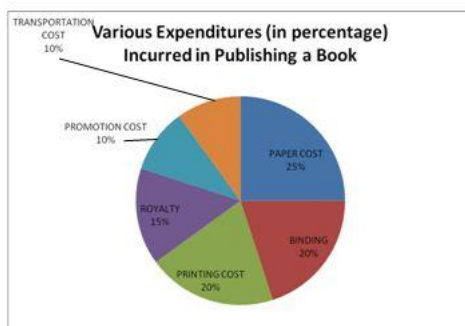
4.00

Bookmark ☐

Royalty on the book is less than the printing cost by:

Pie chart

DISTRIBUTION OF EXPENDITURE	PERCENTAGE
PAPER COST	25
BINDING	20
PRINTING COST	20
ROYALTY	15
PROMOTION COST	10
TRANSPORTATION COST	10



- ☐ 33.33%
- ☐ 50%

- ☐ 0%
- ☐ 25%
- ☐ 20%

#### Question No.53

4.00

Bookmark ☐

From a deck of 52 cards, a card is selected and without replacing the card a new card is selected Find out the probability that the first card is an ace and second card is a king?

- ☐  $3/52 \times 3/51$
- ☐  $4/52 \times 4/51$
- ☐  $4/52 \times 3/51$
- ☐  $4/51 \times 3/52$

#### Question No.54

4.00

Bookmark ☐

A homogeneous mixture of two or more substances is called:

- ☐ Suspension
- ☐ Metal
- ☐ Solution
- ☐ Colloid

#### Question No.55

4.00

Bookmark ☐

Venkat invested Rs. 16000 in a scheme which earned him simple interest @ 15% per annum. After two years he withdrew the principal amount plus interest and invested the entire amount in another scheme for two years, which earned him compound interest @ 12% per annum. What would be the total interest earned by Venkat at the end of 4 years?

- ☐ 10152.11
- ☐ 6000
- ☐ 9792
- ☐ 9012.14

#### Question No.56

4.00

Bookmark ☐

Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?

- ☐ 4
- ☐ 8
- ☐ 10
- ☐ 6

## Question No.57

4.00

Bookmark ☐

Marks obtained by all the three boys together in Hindi is how much more than that by all the three girls together in Hindi?

**TABULATED DATA**

Percentage of marks obtained by six students in six different subjects.  
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RAHUL	72	44	65	52	78	86
RADHA	96	72	45	80	82	92
PRATIGYA	98	76	65	64	84	80
PRATIK	80	64	75	92	64	70

- ☐ 9  
☐ 15  
☐ 25  
☐ 12

## Question No.58

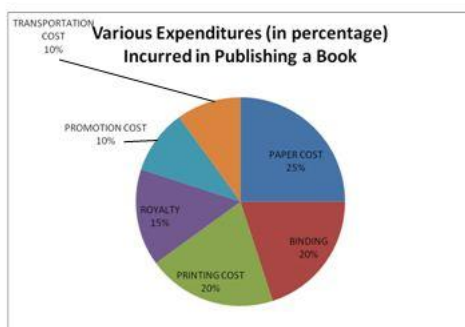
4.00

Bookmark ☐

What is the central angle of the sector corresponding to the expenditure incurred on Royalty?

**Pie chart**

DISTRIBUTION OF EXPENDITURE	PERCENTAGE
PAPER COST	25
BINDING	20
PRINTING COST	20
ROYALTY	15
PROMOTION COST	10
TRANSPORTATION COST	10



- ☐ 54%  
☐ 48%  
☐ 24%  
☐ 15%

## Question No.59

4.00

Mushrooms are/can be:

- ☐ A variety of fungus
- ☐ Fleshy, fruiting bodies of the fungus
- ☐ Grown in small sheds or plots
- ☐ All the above

## Question No.60

4.00

Bookmark ☐

Choose the best antonym of the italicized word. Hob's *flippancy* makes it difficult to have a prolonged conversation with him.

- ☐ pleasant
- ☐ reticence
- ☐ seriousness
- ☐ vanity

## Question No.61

4.00

Bookmark ☐

If ROSE is coded as 6821, CHAIR as 73456, and PREACH as 961473, what will be the code for SEARCH?

- ☐ 214673
- ☐ 123746
- ☐ 217364
- ☐ 216437

## Question No.62

4.00

Bookmark ☐

One program that is found in the 1000-2000 range for most of the period is:

Period	1000-1200	1200-1400	1400-1600	1600-1800	1800-2000
M.Phil	1000-1200	1200-1400	1400-1600	1600-1800	1800-2000
PG	1000-1200	1200-1400	1400-1600	1600-1800	1800-2000
UG	1000-1200	1200-1400	1400-1600	1600-1800	1800-2000
Ph.D	1000-1200	1200-1400	1400-1600	1600-1800	1800-2000

- ☐ M.Phil
- ☐ PG
- ☐ UG
- ☐ Ph.D

## Question No.63

4.00

Bookmark ☐

Teja invested an amount of Rs. 8000 in a fixed deposit scheme for 2 years at compound interest rate 5 p.p. How much amount will Teja get on maturity of the fixed deposit?

- ☐ Rs. 8620
- ☐ None of these
- ☐ Rs. 8820
- ☐ Rs. 8600

## Question No.64

4.00

Bookmark ☐

In which periodical exams did the student obtain the highest percentage increase in marks over the previous periodical exams?



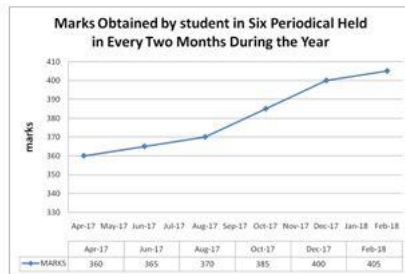
### Line graph

In a school the periodical examination are held every second month. In a session during April 2017 - March 2018, a student of Class IX appeared for each of the periodical exams. The aggregate marks obtained by him in each periodical exam are represented in the line-graph given below.

Marks Obtained by student in Six Periodical Held in Every Two Months during the Year in the Session 2017 - 2018.

Maximum Total Marks in each Periodical Exam = 500

periodical exams	marks
Apr-17	360
Jun-17	365
Aug-17	370
Oct-17	385
Dec-17	400
Feb-18	405



- ☐ Dec, 17
- ☐ June, 17
- ☐ Oct, 17
- ☐ August, 17

### Question No.65

4.00

Bookmark ☐

Study the following information carefully and answer the question below it

- (i) There is a group of five persons- A, B, C, D and E
- (ii) One of them is manual scavenger, one is sweeper, one is watchman, one is human scarecrow and one is grave-digger
- (iii) Three of them – A, C and grave-digger prefer tea to coffee and two of them – B and the watchman prefer coffee to tea
- (iv) The human scarecrow and D and A are friends to one another but two of these prefer coffee to tea.
- (v) The manual scavenger is C's brother

Who is human scarecrow?

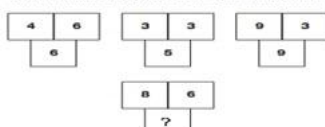
- ☐ C
- ☐ E
- ☐ D
- ☐ B

### Question No.66

4.00

Bookmark ☐

Which number replaces the question mark?



- ☐ 9
- ☐ 8

- ☐ 8
- ☐ 11
- ☐ 10

#### Question No.67

4.00

Bookmark ☐

A dog takes 3 leaps for every 5 leaps of a hare. If one leap of the dog is equal to 3 leaps of the hare, the ratio of the speed of the dog to that of the hare is:

- ☐ 2:3
- ☐ 4:7
- ☐ 5:6
- ☐ 9:5

#### Question No.68

4.00

Bookmark ☐

If the cost price of the Ring is 30% more than the cost price of Kajal, the shopkeeper wants to earn 25% after giving 35% discount so what will be the marked price?

TABLE

Items	Cost Price	Profit %	Discount
Lipstick	225	12%	48
Kajal	320	20%	96
Eye liner	196	25%	35
Perfume	480	10%	72
Bracelet	140	15%	14

- ☐ Rs. 650
- ☐ Rs. 850
- ☐ Rs. 700
- ☐ Rs. 800

#### Question No.69

4.00

Bookmark ☐

Places A and B are 400 KMs apart from each other. At 8 00 am X starts from A proceeding to B @ 80 KMs per hour. At 10.00 am Y starts from B proceeding to A @ 100KMs per hour. At what time both will be meeting each other?

- ☐ 11.40am
- ☐ 11.33 pm
- ☐ 11.30am
- ☐ 11.20 am

#### Question No.70

4.00

Bookmark ☐

12 men can complete a piece of work in 4 days, while 15 women can complete the same work in 4 days. 6 men start working on the job and after working for 2 days, all of them stopped working. How many women should be put on the job to complete the remaining work, if it is to be completed in 3 days?

- ☐ 14

- ☐ 17
- ☐ 15
- ☐ 10
- ☐ 13

### Question No.71

4.00

Bookmark ☐

The third proportional to  $(x^2 - y^2)$  and  $(x - y)$  is

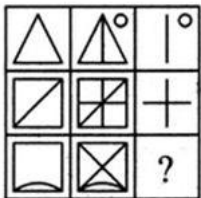
- ☐  $(x - y)$
- ☐  $(x + y) / (x - y)$
- ☐  $(x + y)$
- ☐  $(x - y) / (x + y)$

### Question No.72

4.00

Bookmark ☐

Select a suitable figure from the four alternatives that would complete the figure matrix.



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

- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 1

### Question No.73

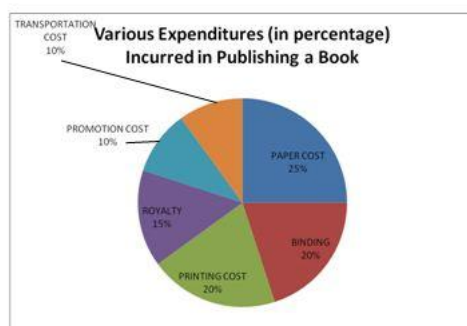
4.00

Bookmark ☐

The price of the book is marked 20% above the cost. If the marked price of the book is Rs. 180, then what is the cost of the paper used in a single copy of the book?

Pie chart

DISTRIBUTION OF EXPENDITURE	PERCENTAGE
PAPER COST	25
BINDING	20
PRINTING COST	20
ROYALTY	15
PROMOTION COST	10
TRANSPORTATION COST	10



- ☐ Rs. 42
- ☐ Rs. 37.50
- ☐ Rs. 44.25
- ☐ Rs. 36

#### Question No.74

4.00

Bookmark ☐

The world's largest solar park has launched in which state?

- ☐ Odisha
- ☐ Gujarat
- ☐ Madhya Pradesh
- ☐ Rajasthan

#### Question No.75

4.00

Bookmark ☐

For 0.375 Hong Kong Dollar (HKD) you got 4.125 Bangladesh Taka (BDT). For one HKD how much you would pay in BDT?

- ☐ 10
- ☐ 11
- ☐ 41.25
- ☐ 37.5

#### Question No.76

4.00

Bookmark ☐

Amitha purchased 1 kajal, 2 lipstick and 1 perfume and shopkeeper gave 5% additional discount on the marked price, find the total profit of the shopkeeper.

TABLE

Items	Cost Price	Profit %	Discount
Lipstick	225	12%	48
Kajal	320	20%	96
Eye liner	196	25%	35
Perfume	480	10%	72
Bracelet	140	15%	14

- ☐ Rs. 106
- ☐ Rs. 166
- ☐ Rs. 82
- ☐ Rs. 87

#### Question No.77

4.00

Bookmark ☐

A bus without stopping travels at an average speed of 60 km/hr and with stoppages at an average speed of 40 km/hr. What is the total time taken by the bus for stoppages on a route of length 300km?

- ☐ 3 hr
- ☐ 4 hr
- ☐ 3.5 hr
- ☐ 2.5 hr

#### Question No.78

4.00

Bookmark ☐

One kilometre is equal to how many miles?

- ☐ 0.62
- ☐ 1.6
- ☐ 0.84
- ☐ 0.5

#### Question No.79

4.00

Bookmark ☐

Which Article is related with "Abolition of Untouchability"?

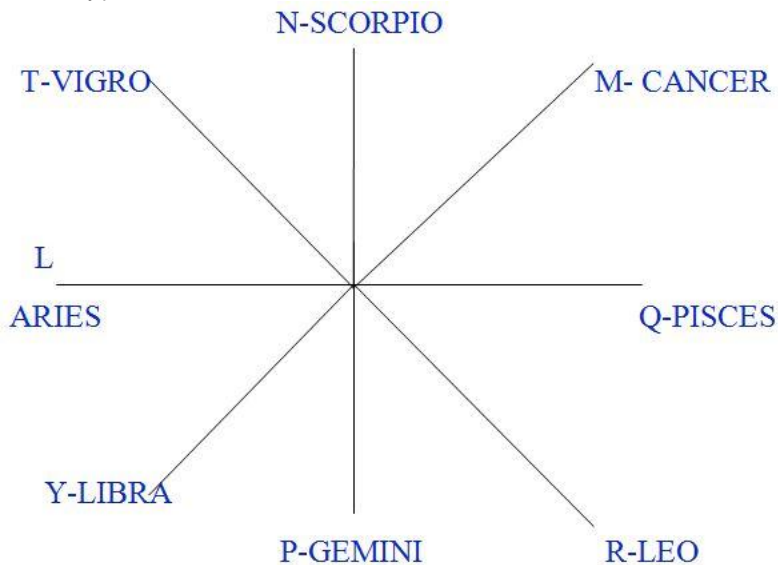
- ☐ Article 17
- ☐ Article 19
- ☐ Article 18
- ☐ Article 20

**Question No.80**

4.00

Bookmark ☐

How many persons are there between P and N?



- ☐ Three
- ☐ Two
- ☐ Four
- ☐ None

**Question No.81**

4.00

Bookmark ☐

The position of a chief minister is

- ☐ Similar to that of the prime minister
- ☐ a combination of the position of the prime minister and president
- ☐ identical to that of the president
- ☐ not constitutional

**Question No.82**

4.00

Bookmark ☐

**Statement:** Vitamin E tablets improve the blood circulation and keep the complexion glowing.

**Assumptions :**

- I. People like glowing complexion
  - II. Complexion becomes dull in the absence of circulation
- ☐ If only assumption I is implicit
  - ☐ If neither I nor II is implicit
  - ☐ If both I and II are implicit
  - ☐ If only assumption II is implicit

**Question No.83**

4.00

Bookmark ☐

Scarcely had I reached the railway station when the New Delhi Express took off.

The underlined words are

- ☐ adverbs
- ☐ verbs
- ☐ conjunctions
- ☐ pronouns

**Question No.84**

4.00

Bookmark ☐

What are the total marks obtained by Renuka in all the subjects?

**TABULATEDDATA**

Percentage of marks obtained by six students in six different subjects.  
Number given in small brackets indicates the full marks of the subject.

SUBJECT → STUDENT S	MAT HS (120)	ENGLI SH (75)	HIND I (60)	ECONOMI CS (75)	SCIENC E (150)	COMPUTE RS (50)
DURGESH	92	80	70	88	62	78
RENUKA	90	48	75	68	76	88
RAHUL	72	44	65	52	78	86
RADHA	96	72	45	80	82	92
PRATIGYA	98	76	65	64	84	80
PRATIK	80	64	75	92	64	70

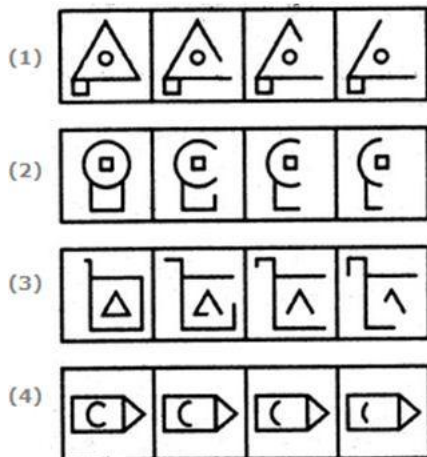
- ☐ 368
- ☐ 408
- ☐ 378
- ☐ 445

Question No.85

4.00

Bookmark ☐

Choose the set of figures which follows the given rule. Rule: Closed figures become more and more open and open figures become more and more close



- ☐ 1
- ☐ 3
- ☐ 2
- ☐ 4



- ☐ Graphical User Information
- ☐ Graphical Utility Information

**Question No.92**

4.00

**Bookmark** ☐

During winter, the poor children \_\_\_\_\_ around a makeshift fire to keep themselves warm.

- ☐ elbowed
- ☐ tucked
- ☐ huddled
- ☐ grouped

**Question No.93**

4.00

**Bookmark** ☐

Where is the headquarters of European Bank for Reconstruction and Development (EBRD)?

- ☐ Paris
- ☐ New York
- ☐ London
- ☐ Berlin

**Question No.94**

4.00

**Bookmark** ☐

A lent Rs. 4000 to B for 2 years and Rs. 2000 to C for 4 years on simple interest at the same rate of interest and received Rs. 2200 in all from both of them as interest. The rate of interest per annum is:

- ☐ 15%
- ☐ 14%
- ☐ 13.75%
- ☐ 12%

**Question No.95**

4.00

**Bookmark** ☐

In a 3600 m race around a circular track of length 400m, the faster runner and the slowest runner meet at the end of the fourth minute, for the first time after the start of the race. All the runners maintain uniform speed throughout the race. If the faster runner runs at thrice the speed of the slowest runner. Find the time taken by the faster runner to finish the race.

- ☐ 12 minute
- ☐ 36 minute
- ☐ 16 minute
- ☐ 24 minute

**Question No.96**

4.00

**Bookmark** ☐

The members of the Rajya Sabha are elected by

- ☐ Elected members of the legislative assembly
- ☐ Elected members of the legislative council
- ☐ Lok Sabha
- ☐ The people

**Question No.97**

4.00

**Bookmark** ☐



What is the percentage of marks obtained by the student in the periodical exams of August, 17 and Oct, 17 taken together?

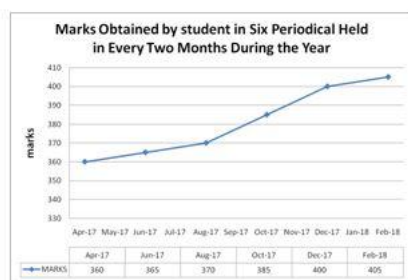
**Line graph**

In a school the periodical examination are held every second month. In a session during April 2017 - March 2018, a student of Class IX appeared for each of the periodical exams. The aggregate marks obtained by him in each periodical exam are represented in the line-graph given below.

Marks Obtained by student in Six Periodical Held in Every Two Months during the Year in the Session 2017 - 2018.

Maximum Total Marks in each Periodical Exam = 500

periodical exams	marks
Apr-17	360
Jun-17	365
Aug-17	370
Oct-17	385
Dec-17	400
Feb-18	405



☐ 77%

**Question No.98**

4.00

Bookmark ☐

☐ 73.25%  
A Stationer sells Eraser (E) at USD 0.25, Pencil (P) at USD 0.75 and Notebook (N) for USD 5, per piece each . With exactly USD 100 one bought 100 pieces of all the three put together. Find the combination of E,P and N.

- ☐ 78.75%  
☐ 18E, 81P and 1N.  
☐ 80E, 4P and 16N.  
☐ 1E, 93P and 6N  
☐ 25E, 60P and 15N.

**Question No.99**

4.00

Bookmark ☐

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

Aasha, Bhuvnesh, Charan, Danesh, Ekta, Farhan, Ganesh and Himesh are sitting around a circle, facing the centre. Aasha sits fourth to the right of Himesh while second to the left of Farhan. Charan is not the neighbour of Farhan and Bhuvnesh. Danesh sits third to the right of Charan. Himesh never sits next to Ganesh.

Who sits second to the right of Danesh?

- ☐ Ekta
- ☐ Charan
- ☐ Aasha
- ☐ Bhuvnesh

Question No.100

4.00

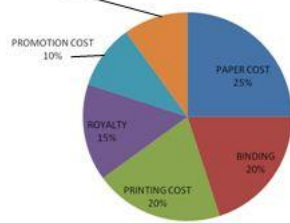
Bookmark ☐

If 5500 copies are published and the transportation cost on them amounts to Rs. 82500, then what should be the selling price of the book so that the publisher can earn a profit of 25%?

Pie chart

DISTRIBUTION OF EXPENDITURE	PERCENTAGE
PAPER COST	25
BINDING	20
PRINTING COST	20
ROYALTY	15
PROMOTION COST	10
TRANSPORTATION COST	10

TRANSPORTATION COST 10%  
Various Expenditures (in percentage)  
Incurred in Publishing a Book



- ☐ Rs. 180
- ☐ Rs. 175
- ☐ Rs. 191.50
- ☐ Rs. 187.50

Sr No.	MBA Common Paper
1	<p>Directions : Read the following Passage and answer the question that follow.</p> <p>At this stage of civilisation, when many nations are brought in to close and vital contact for good and evil, it is essential, as never before, that their gross ignorance of one another should be diminished, that they should begin to understand a little of one another's historical experience and resulting mentality. It is the fault of the English to expect the people of other countries to react as they do, to political and international situations. Our genuine goodwill and good intentions are often brought to nothing, because we expect other people to be like us. This would be corrected if we knew the history, not necessarily in detail but in broad outlines, of the social and political conditions which have given to each nation its present character.</p> <p>According to the author of 'Mentality' of a nation is mainly product of its.....</p>
Alt1	present character
Alt2	international position
Alt3	politics
Alt4	history

2	<p>Directions : Read the following Passage and answer the question that follow.</p> <p>At this stage of civilisation, when many nations are brought in to close and vital contact for good and evil, it is essential, as never before, that their gross ignorance of one another should be diminished, that they should begin to understand a little of one another's historical experience and resulting mentality. It is the fault of the English to expect the people of other countries to react as they do, to political and international situations. Our genuine goodwill and good intentions are often brought to nothing, because we expect other people to be like us. This would be corrected if we knew the history, not necessarily in detail but in broad outlines, of the social and political conditions which have given to each nation its present character.</p> <p>The character of a nation is the result of its.....</p>
Alt1	gross ignorance
Alt2	cultural heritage
Alt3	socio-political conditions
Alt4	mentality

3	<p>Directions : Read the following Passage and answer the question that follow.</p> <p>At this stage of civilisation, when many nations are brought in to close and vital contact for good and evil, it is essential, as never before, that their gross ignorance of one another should be diminished, that they should begin to understand a little of one another's historical experience and resulting mentality. It is the fault of the English to expect the people of other countries to react as they do, to political and international situations. Our genuine goodwill and good intentions are often brought to nothing, because we expect other people to be like us. This would be corrected if we knew the history, not necessarily in detail but in broad outlines, of the social and political conditions which have given to each nation its present character.</p> <p>The need for a greater understanding between nations.....</p>
Alt1	is more today than ever before
Alt2	was always there
Alt3	is no longer there
Alt4	will always be there

4	<p>Directions : Read the following Passage and answer the question that follow.</p> <p>At this stage of civilisation, when many nations are brought in to close and vital contact for good and evil, it is essential, as never before, that their gross ignorance of one another should be diminished, that they should begin to understand a little of one another's historical experience and resulting mentality. It is the fault of the English to expect the people of other countries to react as they do, to political and international situations. Our genuine goodwill and good intentions are often brought to nothing, because we expect other people to be like us. This would be corrected if we knew the history, not necessarily in detail but in broad outlines, of the social and political conditions which have given to each nation its present character.</p> <p>Englishmen like others to react to political situations like.....</p>
Alt1	others
Alt2	us
Alt3	themselves
Alt4	each other's



5	<p>Directions : Read the following Passage and answer the question that follow.</p> <p>At this stage of civilisation, when many nations are brought in to close and vital contact for good and evil, it is essential, as never before, that their gross ignorance of one another should be diminished, that they should begin to understand a little of one another's historical experience and resulting mentality. It is the fault of the English to expect the people of other countries to react as they do, to political and international situations. Our genuine goodwill and good intentions are often brought to nothing, because we expect other people to be like us. This would be corrected if we knew the history, not necessarily in detail but in broad outlines, of the social and political conditions which have given to each nation its present character.</p> <p>According to the author his countrymen should.....</p>
Alt1	read the story of other nations
Alt2	not react to other actions
Alt3	have a better understanding of other nations
Alt4	have vital contacts with other nations

6	<p>Direction: In the following question, choose the option that is CLOSEST in meaning to the given word:</p> <p>PROTAGONIST</p>
Alt1	Leading character
Alt2	Explorer
Alt3	Prophet
Alt4	Talented child

7	<p>Direction: In the following question, choose the option that is CLOSEST in meaning to the given word:</p> <p>SERENDIPITY</p>
Alt1	Rationality
Alt2	Astrological
Alt3	Chance
Alt4	Logic

8	<p>Direction: In the following question, choose the word which is the OPPOSITE of the given word.</p> <p>CONCLUSIVE</p>
Alt1	Distinguished
Alt2	Wanting

Alt3	Definitive
Alt4	Singular

9	Direction: In the following question, choose the word which is the OPPOSITE of the given word.  IMPROMPTU
Alt1	Intuitive
Alt2	Deliberate
Alt3	Portent
Alt4	Bucolic

10	Direction: In the following question, choose the word which is the OPPOSITE of the given word.  AUGMENT
Alt1	Increase
Alt2	Diminish
Alt3	Argument
Alt4	Delay

11	Directions: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.  Despite _____ laws, poaching of wild animals is still carried out clandestinely in some parts of the country.
Alt1	legal
Alt2	penal
Alt3	stringent
Alt4	imunitive

12	Directions: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.  In the modern materialistic society, the only aim of people appears to be..... money by fair means or foul.
Alt1	printing
Alt2	providing
Alt3	acquiring
Alt4	expanding

13	Directions: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.  After she had....the disturbing....in the hospital, she could not sleep.
Alt1	Seen/scene
Alt2	Scene/seen
Alt3	Seen/seen
Alt4	Scene/scene

14	Directions: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.   A sanguine outlook is associated with the.....
Alt1	rationalist
Alt2	socialist
Alt3	philanthropist
Alt4	optimist

15	Direction: In the following question, choose the option that is CLOSEST in meaning to the given word:   VICARIOUS
Alt1	Surrogate
Alt2	Indirect
Alt3	Atrocious
Alt4	Second-hand

16	Direction: In the following question, choose the word which is the OPPOSITE of the given word.   HISTRIONIC
Alt1	Dramatic
Alt2	Optic
Alt3	Sincere
Alt4	Hermetic

17	Direction: In the following question, choose the word which is the OPPOSITE of the given word.   AFFLUENCE
Alt1	Poverty
Alt2	Affinity
Alt3	Prosperity
Alt4	Influence

18	Direction: In the following question, choose the word which is the OPPOSITE of the given word.   ANTIDOTE
Alt1	Amity
Alt2	Medicine
Alt3	Vaccine



Alt4	Poison
------	--------

19	Direction: In the following question, choose the word which is the OPPOSITE of the given word.   HUMANE
Alt1	Callous
Alt2	Charitable
Alt3	Perturb
Alt4	Philanthropic

20	Direction: In the following question, choose the word which is the OPPOSITE of the given word.   QUELL
Alt1	Subdue
Alt2	Inflame
Alt3	Deflate
Alt4	Allay

21	If 20% of 'a' = 'b', then 'b'% of 20 is the same as:
Alt1	40% of 'a'
Alt2	10% of 'a'
Alt3	4% of 'a'
Alt4	20% of 'a'

22	In an office, there are officers and workers. The average salary of the officers and workers is Rs. 20,250. The average salary of officers alone is Rs. 50,000 and that of workers is Rs. 15,000. If the number of officers are 30, what are the number of workers in the office?
Alt1	120
Alt2	100
Alt3	80
Alt4	70

23	The population of a town increased from 1,75, 000 to 2,62,500 in a decade. The average percent increase of population per year is:
Alt1	4.37%
Alt2	0.05
Alt3	0.06
Alt4	8.75%

24	A rectangular park 60 m long and 40 m wide will be used as a lawn. If the cost for laying the lawn per square meter is Rs. 52.50, then what is cost for laying the lawn?
Alt1	Rs. 1,16,000
Alt2	Rs. 1,26,000

Alt3	Rs. 1,10,000
Alt4	Rs. 1,24,000

25	If '+' means minus, '-' means multiplication, '÷' means plus and 'x' means divided by, then, what is  $10 \times 5 \div 3 - 2 + 3$ equal to
Alt1	5
Alt2	7
Alt3	8/3
Alt4	9

26	What should come in place of '?' in the following series? 13, 35, ?, 299,893,2675,
Alt1	97
Alt2	99
Alt3	101
Alt4	103

27	Samir started a software business by investing Rs. 40,000. After six months, Nitish joined him with a capital of Rs. 60,000. After 3 years, they earned a profit of Rs. 27,900. What was Samir's share in the profit?
Alt1	Rs. 12,400
Alt2	Rs. 13,000
Alt3	Rs. 13,200
Alt4	Rs. 15,000

28	A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, how many apples did he have?
Alt1	588
Alt2	600
Alt3	677
Alt4	700

29	3 pumps, working 8 hours a day, can empty a tank in 2 days. How many hours a day should 4 pumps work in order to empty the tank in one day?
Alt1	10
Alt2	12
Alt3	8
Alt4	15

30	There are 400 mangoes. 10% of them were sold and 15% were eaten. How many mangoes are still there?
Alt1	250
Alt2	300

Alt3	350
Alt4	325

31	The square of a number n is less than its 27 times by 180. Which of the following can be the value of 'n'?
Alt1	16
Alt2	17
Alt3	14
Alt4	15

32	Find the last digit of the square number whose seventh part is multiplied by 11th part gives 1,232?
Alt1	8
Alt2	2
Alt3	4
Alt4	6

33	The remainder of $275/7$
Alt1	8
Alt2	1
Alt3	0
Alt4	5

34	The largest four digit number which is also a perfect cube is
Alt1	9999
Alt2	8000
Alt3	9261
Alt4	9099

35	In a G.P the 1st term is 5 and the common ratio is 2. The 8th term is:
Alt1	640
Alt2	1280
Alt3	256
Alt4	160

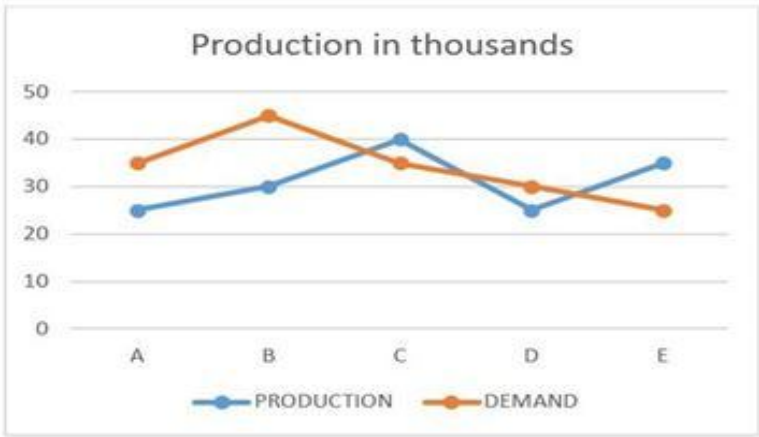
36	A train passes two bridges of lengths 800 meters and 400 meters in 100 seconds and 60 seconds respectively. The length of the train is ____.
Alt1	90 m
Alt2	80 m
Alt3	200 m
Alt4	150 m

37	The ratio of water and milk in a 30 liter mixture is 7: 3. Find the quantity of water to be added to the mixture in order to make the ratio into 6: 1.
Alt1	32
Alt2	30
Alt3	35
Alt4	33

38	A and B can together do a work in 15 days. B alone can do it in 20 days. In how many days, can A alone do it?
Alt1	30 days
Alt2	45 days
Alt3	60 days
Alt4	40 days

39	A can complete a piece of work in 4 days. B takes double the time taken by A, C takes double that of B, and D takes double that of C to complete the same task. They are paired in groups of two each. One pair takes two-thirds the time needed by the second pair to complete the work. Which is the first pair?
Alt1	A and D
Alt2	A and C
Alt3	A and B
Alt4	B and C

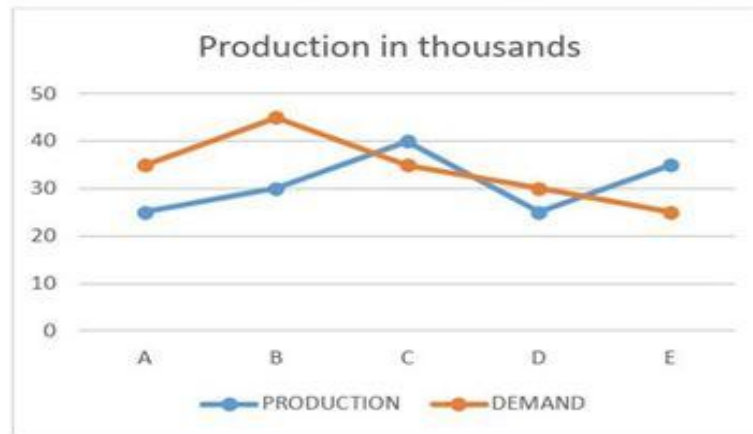
40	A tree 6 meter tall cast a four meter long shadow. At the same time, a flag pole casts a shadow 15 meter long. How long is the flag pole?
Alt1	75 Meter
Alt2	50 Meter
Alt3	150 Meter
Alt4	100 Meter

41	<p>Directions : Study the following line graph carefully and answer the questions accordingly.</p> <p>Following graph gives the demand and production of mobile phones of five companies A, B, C, D and E</p>  <p>The production of company B is approximately what percent of the demand?</p>
Alt1	0.714
Alt2	0.85
Alt3	1.4
Alt4	0.6667

42

Directions : Study the following line graph carefully and answer the questions accordingly.

Following graph gives the demand and production of mobile phones of five companies A, B, C, D and E



What is the average production of mobile phones by all the companies?

Alt1 3,100

Alt2 25000

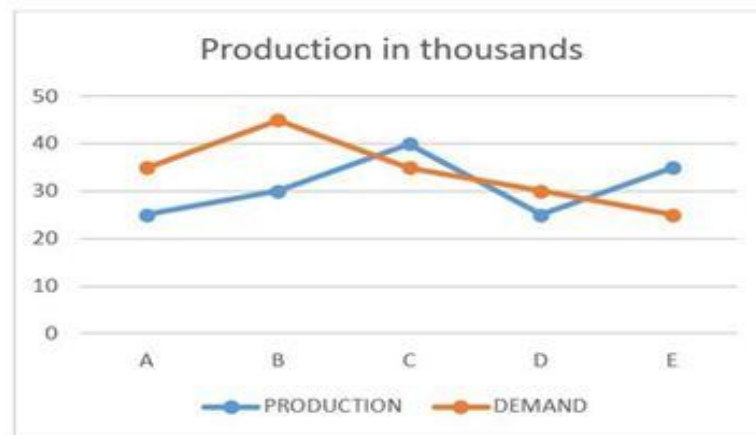
Alt3 26000

Alt4 31000

43

Directions : Study the following line graph carefully and answer the questions accordingly.

Following graph gives the demand and production of mobile phones of five companies A, B, C, D and E



The production of mobile phones by company C is the close to the production of which of the following pairs of the companies?

Alt1 A and D

Alt2 B and E

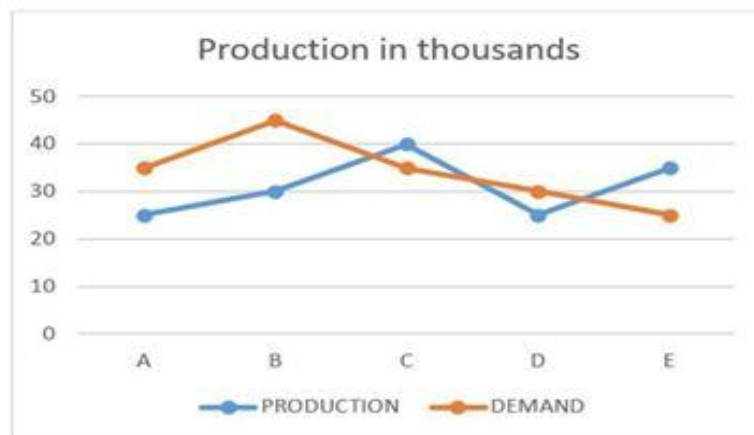
Alt3 D and E

Alt4 B and A

44

Directions : Study the following line graph carefully and answer the questions accordingly.

Following graph gives the demand and production of mobile phones of five companies A, B, C, D and E



The demand of company E is approximately what percent of the demand of company D?

Alt1 30

Alt2 0.65

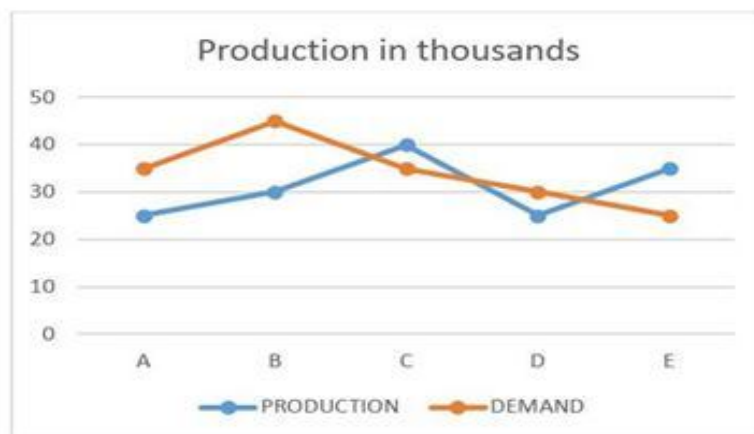
Alt3 0.833

Alt4 0.4

45

Directions : Study the following line graph carefully and answer the questions accordingly.

Following graph gives the demand and production of mobile phones of five companies A, B, C, D and E



The difference between the total demand and production of 5 companies together is

Alt1 25000

Alt2 30000

Alt3 20000

Alt4 45000

46

Study the following table and answer the questions given below:

Name of the food item	No. of units sold in		Sales price/unit (Rs.)
	2001	2002	
Sandwiches	6,000	6,600	10
Salad	5,000	4,800	8
Soups	4,000	4,400	12
Beverages	6,100	6,000	15
Dessert	4,000	4,000	20

The total sale value is maximum for which of the five food items?

Alt1 Sandwiches

Alt2 Beverages

Alt3 Dessert

Alt4 Salad

47

Study the following table and answer the questions given below:

Name of the food item	No. of units sold in		Sales price/unit (Rs.)
	2001	2002	
Sandwiches	6,000	6,600	10
Salad	5,000	4,800	8
Soups	4,000	4,400	12
Beverages	6,100	6,000	15
Dessert	4,000	4,000	20

The most popular items during the two months period is

Alt1 Sandwiches

Alt2 Salad

Alt3 Beverages

Alt4 Dessert

48

Study the following table and answer the questions given below:

Name of the food item	No. of units sold in		Sales price/unit (Rs.)
	2001	2002	
Sandwiches	6,000	6,600	10
Salad	5,000	4,800	8
Soups	4,000	4,400	12
Beverages	6,100	6,000	15
Dessert	4,000	4,000	20

The combined sale of which two food items increased by 10% in 2002 as compared to 2001?

Alt1 Sandwiches and Beverages

Alt2 Sandwiches and Dessert

Alt3 Sandwiches and Soup

Alt4 Soup and Dessert

49

Study the following table and answer the questions given below:

Name of the food item	No. of units sold in		Sales price/unit (Rs.)
	2001	2002	
Sandwiches	6,000	6,600	10
Salad	5,000	4,800	8
Soups	4,000	4,400	12
Beverages	6,100	6,000	15
Dessert	4,000	4,000	20

Which item appears to have constant demand?

Alt1 Sandwiches

Alt2 Salad

Alt3 Soup

Alt4 Dessert



50

Study the following table and answer the questions given below:

Name of the food item	No. of units sold in		Sales price/unit (Rs.)
	2001	2002	
Sandwiches	6,000	6,600	10
Salad	5,000	4,800	8
Soups	4,000	4,400	12
Beverages	6,100	6,000	15
Dessert	4,000	4,000	20

Which item appears to have constant demand?

Alt1 Salad

Alt2 Soup

Alt3 Beverages

Alt4 Dessert

51

Answer the question based on the data given in the following table.

The following table shows the number of new employees added to different categories of employees in a company and also the number of employees from these categories who left the company every year since the foundation of the Company in 1995.

Year	Managers		Technicians		Operators		Accountants		Peons	
	New	Left	New	Left	New	Left	New	Left	New	Left
1995	760	-	1200	-	880	-	1160	-	820	-
1996	280	120	272	120	256	104	200	100	184	96
1997	179	92	240	128	240	120	224	104	152	88
1998	148	88	236	96	208	100	248	96	196	80
1999	160	72	256	100	192	112	272	88	224	120
2000	193	96	288	112	248	144	260	92	200	104

What is the difference between the total number of Technicians added to the Company and the total number of Accountants added to the Company during the years 1996 to 2000?

Alt1 88

Alt2 128

Alt3 98

Alt4 68

52

Answer the question based on the data given in the following table.

The following table shows the number of new employees added to different categories of employees in a company and also the number of employees from these categories who left the company every year since the foundation of the Company in 1995.

Year	Managers		Technicians		Operators		Accountants		Peons	
	New	Left	New	Left	New	Left	New	Left	New	Left
1995	760	-	1200	-	880	-	1160	-	820	-
1996	280	120	272	120	256	104	200	100	184	96
1997	179	92	240	128	240	120	224	104	152	88
1998	148	88	236	96	208	100	248	96	196	80
1999	160	72	256	100	192	112	272	88	224	120
2000	193	96	288	112	248	144	260	92	200	104

What was the total number of Peons working in the Company in the year 1999?

Alt1 1312

Alt2 1192

Alt3 1088

Alt4 968

53

Answer the question based on the data given in the following table.

The following table shows the number of new employees added to different categories of employees in a company and also the number of employees from these categories who left the company every year since the foundation of the Company in 1995.

Year	Managers		Technicians		Operators		Accountants		Peons	
	New	Left	New	Left	New	Left	New	Left	New	Left
1995	760	-	1200	-	880	-	1160	-	820	-
1996	280	120	272	120	256	104	200	100	184	96
1997	179	92	240	128	240	120	224	104	152	88
1998	148	88	236	96	208	100	248	96	196	80
1999	160	72	256	100	192	112	272	88	224	120
2000	193	96	288	112	248	144	260	92	200	104

For which of the following categories the percentage increase in the number of employees working in the Company from 1995 to 2000 was the maximum?

Alt1 Managers

Alt2 Technicians

Alt3	Operators
Alt4	Accountants

54

Answer the question based on the data given in the following table.

The following table shows the number of new employees added to different categories of employees in a company and also the number of employees from these categories who left the company every year since the foundation of the Company in 1995.

Year	Managers		Technicians		Operators		Accountants		Peons	
	New	Left	New	Left	New	Left	New	Left	New	Left
1995	760	-	1200	-	880	-	1160	-	820	-
1996	280	120	272	120	256	104	200	100	184	96
1997	179	92	240	128	240	120	224	104	152	88
1998	148	88	236	96	208	100	248	96	196	80
1999	160	72	256	100	192	112	272	88	224	120
2000	193	96	288	112	248	144	260	92	200	104

What is the pooled average of the total number of employees of all categories in the year 1997?

Alt1 1325

Alt2 1195

Alt3 1265

Alt4 1235



55

Answer the question based on the data given in the following table.

The following table shows the number of new employees added to different categories of employees in a company and also the number of employees from these categories who left the company every year since the foundation of the Company in 1995.

Year	Managers		Technicians		Operators		Accountants		Peons	
	New	Left	New	Left	New	Left	New	Left	New	Left
1995	760	-	1200	-	880	-	1160	-	820	-
1996	280	120	272	120	256	104	200	100	184	96
1997	179	92	240	128	240	120	224	104	152	88
1998	148	88	236	96	208	100	248	96	196	80
1999	160	72	256	100	192	112	272	88	224	120
2000	193	96	288	112	248	144	260	92	200	104

During the period between 1995 and 2000, the total number of Operators who left the Company is what percent of total number of Operators who joined the Company?

Alt1 0.19

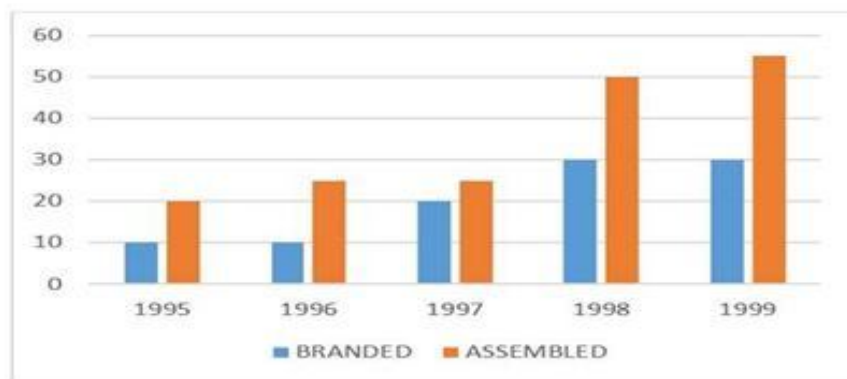
Alt2 0.21

Alt3 0.27

Alt4 0.29

56

Directions : Study the following graph carefully and answer the questions given below it:



What is the average percentage growth of sales of Assembled PCs for the given years?

Alt1 30

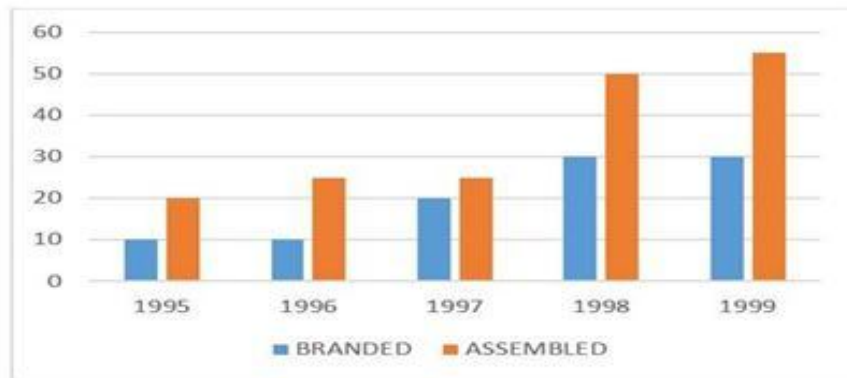
Alt2 12

Alt3 40

Alt4 35

57

Directions : Study the following graph carefully and answer the questions given below it:



If the Branded PCs sold in 1996 were 1,00,000, how many Branded PCs were sold in 1999?

Alt1 1,20,000

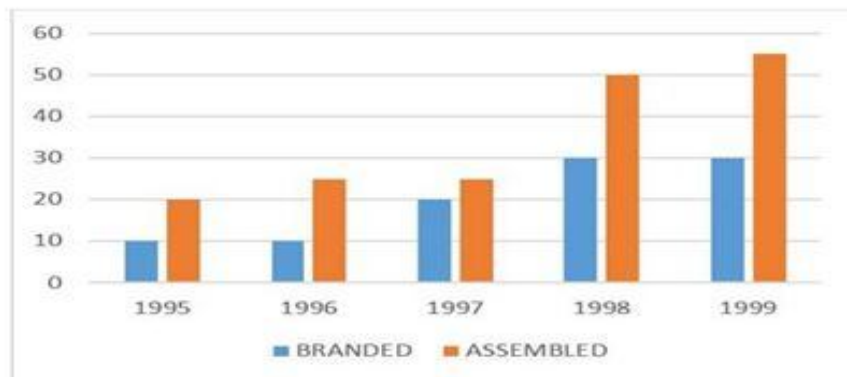
Alt2 2,02,800

Alt3 1,56,000

Alt4 2,34,000

58

Directions : Study the following graph carefully and answer the questions given below it:



What is the difference between total Branded the total Assembled PCs sold for the given years?

Alt1 75000

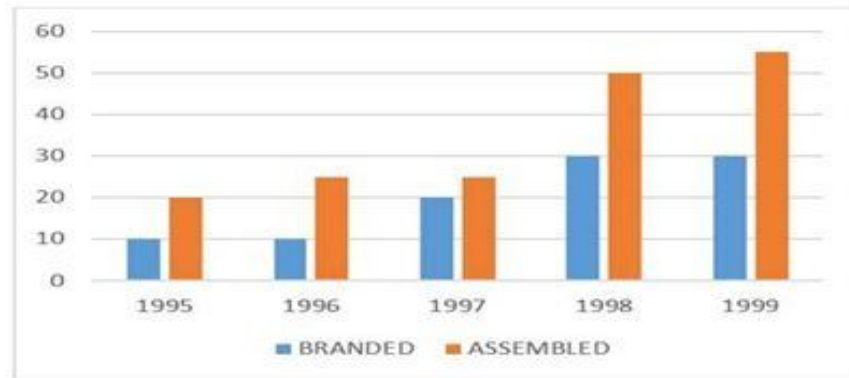
Alt2 7,50,000

Alt3 1,75,000

Alt4 5,00,000

59

Directions : Study the following graph carefully and answer the questions given below it:



In which year is the difference in the growth between Branded and Assembled the lowest?

Alt1 1995

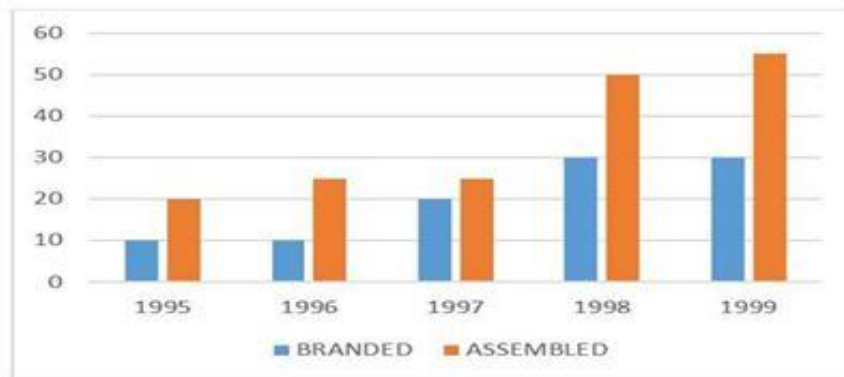
Alt2 1998

Alt3 1999

Alt4 1997

60

Directions : Study the following graph carefully and answer the questions given below it:



For Assembled PC sale, which year the per cent growth is the highest compared to previous year?

Alt1 1999

Alt2 1996

Alt3 1998

Alt4 1997

61 In a certain code 'INACTIVE' is written as VITCANIE. How is 'COMPUTER' written in that code?

Alt1 UTEPMOCR

Alt2 MOCPETUR

Alt3 ETUPMOCR

Alt4 PMOCRETU

62	<p>"Direction: Consider the given information and choose the right answer.</p> <p>Fact 1: Some pens don't write.</p> <p>Fact 2: All blue pens write.</p> <p>Fact 3: Some writing utensils are pens.</p> <p>If the first three statements are facts, which of the following statements must also be a fact?</p> <p>i. Some writing utensils don't write.</p> <p>ii. Some writing utensils are blue.</p> <p>iii. Some blue writing utensils don't write.</p>
Alt1	ii only
Alt2	i and ii only
Alt3	ii and iii only
Alt4	None of the statements is a known fact

63	<p>Direction: Read the following information and answer the question that follow</p> <p>Six friends are sitting in a circle and are facing the centre of the circle. Deepa is between Prakash and Pankaj. Priti is between Mukesh and Lalit. Prakash and Mukesh are opposite to each other. Who are the neighbours of Mukesh?</p>
Alt1	Prakash and Deepa
Alt2	Deepa and Priti
Alt3	Priti and Pankaj
Alt4	Lalit and Priti

64	<p>Which of the following letters would come in place of the question mark (?) in the given series?</p> <p>AYD, BVF, DRH, ?, KGL</p>
Alt1	FMI
Alt2	GMJ
Alt3	HLK
Alt4	GLJ

65	<p>A told B that C is his father's nephew. D is A's cousin but not the brother of C. What relationship is there between D and C?</p>
Alt1	Father
Alt2	Sisters
Alt3	Aunt
Alt4	Mother

66	During which month are the fewest lectures given?
	<p>Directions : Use the following information for answering the above question:</p> <p>A management department organises six once a month lecture series for 1 year students as per the following schedule, with no dates conflicting:</p> <p>Marketing : August – January</p> <p>Economics : April –October</p> <p>Business Law : January – September</p> <p>Finance : March –June</p> <p>Accounting : October – April</p> <p>HRM : October – December</p>
Alt1	January
Alt2	February
Alt3	June
Alt4	September

67	What is the largest number of lectures that can be attended in a single month?
	<p>Directions : Use the following information for answering the above question:</p> <p>A management department organises six once a month lecture series for 1 year students as per the following schedule, with no dates conflicting:</p> <p>Marketing : August – January</p> <p>Economics : April –October</p> <p>Business Law : January – September</p> <p>Finance : March –June</p> <p>Accounting : October – April</p> <p>HRM : October – December</p>
Alt1	7
Alt2	6
Alt3	5
Alt4	4

68	What two series taken together fill the year without overlapping?
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	<p>Directions : Use the following information for answering the above question:</p> <p>A management department organises six once a month lecture series for 1 year students as per the following schedule, with no dates conflicting:</p> <p>Marketing : August – January</p> <p>Economics : April –October</p> <p>Business Law : January – September</p> <p>Finance : March –June</p> <p>Accounting : October – April</p> <p>HRM : October – December</p>
Alt1	Marketing and Finance
Alt2	HRM and Economics
Alt3	Business Law and HRM
Alt4	Business Law and Accounting

69	During how many months of the year must a student attend to hear all the lectures in Marketing, Economics and Finance?
	<p>Directions : Use the following information for answering the above question:</p> <p>A management department organises six once a month lecture series for 1 year students as per the following schedule, with no dates conflicting:</p> <p>Marketing : August – January</p> <p>Economics : April –October</p> <p>Business Law : January – September</p> <p>Finance : March –June</p> <p>Accounting : October – April</p> <p>HRM : October – December</p>
Alt1	11
Alt2	12
Alt3	9
Alt4	4

70	How many lecture series last more than 6 months?
----	--

	<p>Directions : Use the following information for answering the above question:</p> <p>A management department organises six once a month lecture series for 1 year students as per the following schedule, with no dates conflicting:</p> <p>Marketing : August – January</p> <p>Economics : April –October</p> <p>Business Law : January – September</p> <p>Finance : March –June</p> <p>Accounting : October – April</p> <p>HRM : October – December</p>
Alt1	1
Alt2	2
Alt3	3
Alt4	4

71	How many different series can be attended in September, October and November?
	<p>Directions : Use the following information for answering the above question:</p> <p>A management department organises six once a month lecture series for 1 year students as per the following schedule, with no dates conflicting:</p> <p>Marketing : August – January</p> <p>Economics : April –October</p> <p>Business Law : January – September</p> <p>Finance : March –June</p> <p>Accounting : October – April</p> <p>HRM : October – December</p>
Alt1	2
Alt2	3
Alt3	4
Alt4	5

72	How many different lectures can be attended in January, February and March?
----	---

	<p>Directions : Use the following information for answering the above question:</p> <p>A management department organises six once a month lecture series for I year students as per the following schedule, with no dates conflicting:</p> <p>Marketing : August – January</p> <p>Economics : April –October</p> <p>Business Law : January – September</p> <p>Finance : March –June</p> <p>Accounting : October – April</p> <p>HRM : October – December</p>
Alt1	10
Alt2	3
Alt3	5
Alt4	0

73	<p>Direction: Read the following information carefully and answer the question given below:</p> <p>Five friends Michael, Mark, Lewis, Karan, and Jenson are students of five different disciplines Medical, Engineering, Architecture, Arts, Management, and each plays a different musical instrument Sitar, Tabla, Sarod, Guitar and Violin.</p> <p>Lewis, a medical student, does not play Sarod or Sitar nor Guitar.</p> <p>Jenson is neither a student of engineering nor management.</p> <p>Karan, who plays Tabla, is an Arts student.</p> <p>Neither Jenson nor Michael plays Sarod.</p> <p>Who among the following plays Sitar?</p>
Alt1	Michae
Alt2	Jenson
Alt3	Mark
Alt4	Data inadequate

74	<p>Direction: Consider the information given below and answer the following question.</p> <p>(i) Six students A,B,C,D, E and F participated in a self-evaluation test of quants and Data Interpretation (DI).</p> <p>(ii) The total marks of A in Quants was just above C and in DI just above F</p> <p>(iii) B was just above C in DI but he scored less than D in Quants</p> <p>(iv) F got more marks than D and E in DI but did not perform as well in Quants as DI</p> <p>(v) No one is in between C and D in quants and C and A in DI</p> <p>Who was just below D in Quants?</p>
Alt1	C
Alt2	B
Alt3	E
Alt4	Data inadequate

75	The average age of 8 persons is increased by 2 years, when one of them, whose age is 24 years, is replaced by a new person. The age of the new person is _____.
Alt1	40
Alt2	45
Alt3	38
Alt4	42

76	<p>Direction: Consider the information given below and answer the following question.</p> <p>(i) Six students A,B,C,D, E and F participated in a self-evaluation test of quants and Data Interpretation (DI).</p> <p>(ii) The total marks of A in Quants was just above C and in DI just above F</p> <p>(iii) B was just above C in DI but he scored less than D in Quants</p> <p>(iv) F got more marks than D and E in DI but did not perform as well in Quants as DI</p> <p>(v) No one is in between C and D in quants and C and A in DI</p> <p>Which of the following students has scored the least in DI?</p>
Alt1	Only D
Alt2	Only E
Alt3	B

Alt4	Both D and E
------	--------------

77	The letters in the first set have certain relationships. On the basis of the relationship which is the right choice for the second set? BF: GK::LP: ?
Alt1	JK
Alt2	QU
Alt3	VW
Alt4	RQ

78	In the English alphabet, which letter is fifteenth to the right of the letter which is third to the left of J?
Alt1	V
Alt2	S
Alt3	U
Alt4	Y

79	<p>"Direction: Read the following information carefully and answer the question given below:</p> <p>Five friends Michael, Mark, Lewis, Karan, and Jenson are students of five different disciplines Medical, Engineering, Architecture, Arts, Management, and each plays a different musical instrument Sitar, Tabla, Sarod, Guitar and Violin.</p> <p>Lewis, a medical student, does not play Sarod or Sitar nor Guitar.</p> <p>Jenson is neither a student of engineering nor management.</p> <p>Karan, who plays Tabla, is an Arts student.</p> <p>Neither Jenson nor Michael plays Sarod.</p> <p>Who among the following plays Sarod?</p>
Alt1	Mark
Alt2	Michael
Alt3	Jenson
Alt4	Data inadequate

80	Given that in a code language, '645' means 'day is warm'; '42' means 'warm spring' and '634' means 'spring is sunny'; which digit represents 'sunny' ?
Alt1	3
Alt2	4
Alt3	5
Alt4	2

81	BRICS Bank headquarters is in:
----	--------------------------------

Alt1	India
Alt2	China
Alt3	Brazil
Alt4	Russia

82	The capital of Yemen:
Alt1	Djuboti
Alt2	Eden
Alt3	Sanaa
Alt4	Sadaa

83	Government of India is giving much emphasis on 'Women Empowerment' these days. What does it mean?
Alt1	Recruiting only women for various Government jobs.
Alt2	Electing women only for Panchayat Raj institutions
Alt3	Ensure that women get equal pay for equal work
Alt4	Providing opportunities to women so that they can de-velop themselves

84	The National Stock Exchange is located in.....
Alt1	Newdelhi
Alt2	Mumbai
Alt3	Kolkatta
Alt4	Chennai

85	Which of the following com-modities is a major item of the export from India to many countries?
Alt1	Vegetable
Alt2	Paddy
Alt3	Tea
Alt4	All of the above

86	Santhosh Trophy is associated with.
Alt1	Cricket
Alt2	Football
Alt3	Hockey
Alt4	Tennis

87	Index of Industrial Production is released by:
Alt1	FICCI
Alt2	RBI
Alt3	CSO
Alt4	ASSOCHAM

88	NASA has named a new species in the name of :
Alt1	Mahatma Gandhi
Alt2	Jawaharlal Nehru
Alt3	Sachin Tendulkar
Alt4	APJ Abdul Kalam

89	Which of the following is a private bank operating in India?
Alt1	Dena Bank
Alt2	Andhra Bank
Alt3	Axis Bank
Alt4	Punjab National Bank

90	Rupee is the currency of:
Alt1	Bangladesh
Alt2	Myanmar
Alt3	Nepal
Alt4	Indonesia

91	What is the abbreviation of YAHOO?
Alt1	Yet Another Hierarchical Officious Oracle
Alt2	yahoo Another Hierarchical Officious Oracle
Alt3	Yet Another Hierarchical officio oracular
Alt4	Young Anchor Hierarchical Officious oracular

92	What is the innovative scheme to develop the regional aviation market?
Alt1	UDDAN
Alt2	UDAN
Alt3	UDHAN
Alt4	UDAAN

93	What is the recent smart messaging application launched by google?
Alt1	ALLO
Alt2	HELO
Alt3	ALOO
Alt4	AALO

94	Which company has decided to invest \$150 million for Indian Startup's?
Alt1	Qualcomm
Alt2	Google
Alt3	Yahoo
Alt4	Microsoft

95	Which scheme will be implemented using the money saved in LPG subsidy through "Give it up" campaign?
Alt1	Sukanya Samridhi Yojana
Alt2	Beti Bacchao Beti Padhao Yojana
Alt3	Pradhan Mantri Ujjwala Yojana
Alt4	Pradhan Mantri Kaushal Vikas Yojana

96	The length of the spinal cord is about .....
Alt1	70 cm
Alt2	45 cm

Alt3	35 cm
Alt4	60 cm

97	Which Nation has won its gold medal in Soccer in the 2016 Olympics?
Alt1	Brazil
Alt2	Australia
Alt3	Germany
Alt4	France

98	Which of the following card is India's own domestic card with its own payment gateway with less transaction cost?
Alt1	Master Card
Alt2	Maestro Card
Alt3	Visa Card
Alt4	Rupay Card

99	Which state became the first to adopt January to December fiscal year?
Alt1	Madhya Pradesh
Alt2	Andhra Pradesh
Alt3	Kerala
Alt4	Himachal Pradesh

100	Which of the following is not a Payment bank?
Alt1	Paytm
Alt2	Airtel
Alt3	Freecharge
Alt4	India post



## MBA

### 1 of 100

141 PU\_2016\_MBA\_E

Find the wrong number in the sequence: 52, 51, 48, 43, 34, 27, 16.

- ☐ 43
- ☐ 34
- ☐ 48
- ☐ 27

### 2 of 100

182 PU\_2016\_MBA\_E

**Direction: Read the following paragraph and answer the question given below.**

Three friends A, B and C respectively have Rs. 160, Rs. 120 and Rs. 80. They started playing a game in which the person who has the maximum money gives to both the persons an amount equal to half the difference between his amount and the respective person's amount. The game stops when the difference between the amounts of any two of them has, is less than Rs.5.

What would be the amount with C at the end of the game?

- ☐ 117.5
- ☐ 122.5
- ☐ 115
- ☐ 120

### 3 of 100

183 PU\_2016\_MBA\_E

A is the mother of B's father C has three children. Based on this information state which of the following statements is definitely true?

- ☐ B is a male child
- ☐ A has three children
- ☐ C has three sons
- ☐ C has three daughters

### 4 of 100

143 PU\_2016\_MBA\_E

Three individuals X, Y, Z hired a car on a sharing basis and paid Rs. 1,040. They used it for 7, 8, 11 hours, respectively. What are the charges paid by Y?

- ☐ Rs. 440
- ☐ Rs. 320
- ☐ Rs. 290
- ☐ Rs. 360

### 5 of 100

165 PU\_2016\_MBA\_E

The perimeter of a rectangular field is 480 meters and the ratio between the length and breadth is 5:3.  
The area is \_\_\_\_.

- ☐ 155 Sq.M
- ☐ 13.5 Sq.M
- ☐ 1550 Sq.M
- ☐ 13500 Sq.M

6 of 100

124 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

What is immediately needed today is the establishment of a World Government or an International Federation of Mankind. It is the utmost necessity of the world today, and all those persons who wish to see all human beings happy and prosperous naturally feel it keenly. Of course, at times, we all feel that many of our problems of our political, social and cultural life would come to an end if there were one Government all over the world. Travelers, businessmen, seekers of knowledge and teachers of righteousness know very well that great impediments and obstructions are faced by them when they pass from one country to another, exchange goods, get information, and make an effort to spread their good gospel among their fellow-men.

In the past, religious sects divided one set of people against another, colour of the skin or construction of the body set one against the other. But today when philosophical light has exploded the darkness that was created by religious differences, and when scientific knowledge has falsified the theory of social superiority and when modern inventions have enabled human beings of all religious views and of all races and colours to come in frequent contact with one another, it is the governments of various countries that keep people of one country apart from those of another. They create artificial barriers, unnatural distinctions, unhealthy isolation, unnecessary fears and dangers in the minds of the common men who by their nature want to live in friendship with their fellow-men. But all these evils would cease to exist if there were one Government all over the world.

The most suitable title for this passage would be:-

- ☐ Religion and Race in modern times
- ☐ The perils of National Government
- ☐ One happy world
- ☐ The challenges of Mankind

7 of 100

101 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

It is probable that the prototype device might be ready for testing around the end of next year.

- ☐ might be ready for testing toward next year's end
- ☐ will be ready for testing toward the end of next year
- ☐ may be ready for testing about the end of next year
- ☐ might be ready for testing around the end of next year

**8 of 100**

146 PU\_2016\_MBA\_E

Six persons A, B, C, D, E and F are standing in a circle. B is between F and C, A is between E and D, F is to the left of Who is between A and F?

- ☐ D
- ☐ E
- ☐ B
- ☐ C

**9 of 100**

206 PU\_2016\_MBA\_E

Find the term which would replace the question mark (?)?

CBQ, ? , QPE

- ☐ FZU
- ☐ GFU
- ☐ FGU
- ☐ FUG

**10 of 100**

186 PU\_2016\_MBA\_E

If '+' means ' $\div$ ', 'x' means ' $\_$ ', ' $\div$ ' means 'x', and ' $\_$ ' means '+' then  $15 \times 5 \div 3 + 1 - 1 = ?$

- ☐ -1
- ☐ 3
- ☐ -2
- ☐ 1

**11 of 100**

184 PU\_2016\_MBA\_E

Ram is the brother of Shyam, and Mahesh is the father of Ram. Jagat is the brother of Priya and Priya is the daughter of Shyam. Who is the uncle of Jagat?

- ☐ Ram
- ☐ Mahesh
- ☐ Jagat
- ☐ Shyam

**12 of 100**

185 PU\_2016\_MBA\_E

If '+' means ' $\div$ ', 'x' means ' $\_$ ', ' $\div$ ' means 'x', and ' $\_$ ' means '+' then  $8 + 6 \times 4 \div 3 - 4 = ?$

- ☐ -12
- ☐ 20/3

- ☐ - 20/3
- ☐ -14 <sup>2</sup>/<sub>3</sub>

### 13 of 100

126 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

One of the most successful commercial products ever launched is said to have come about as the result of a mistake. In 1896, Jacob's pharmacy in Atlanta, Georgia in the US, was selling a nerve tonic known as 'French Wine Cola - Ideal Nerve Tonic'. By accidentally adding fizzy water instead of still water to the recipe, a pharmacist called John S. Pemberton invented what has today become the most popular soft drink in the world: Coca-cola. What could possibly account for the amazing success of Coca-Cola? How has this combination of carbonated water, sugar, acid and flavourings come to symbolize the American way of life for most of the world? After all, even the manufacturers could hardly describe Coke as a healthy product since it contains relatively high amount of sugar and phosphoric acid, both of which are known to damage teeth.

One explanation may be found in the name. The original recipe included a flavouring from the coca plant and probably included small amounts of cocaine (an addictive substance), but since the early part of this century, all traces of cocaine have been removed. However, Coke also includes a flavouring from the cola tree; cola extract contains caffeine, which is a stimulant, and the Coca-Cola company adds extra caffeine for good measure. While caffeine is not thought to be an addictive substance in itself, there is considerable evidence that over a period of time, the consumption of caffeine has to be increased in order for its stimulating effect to be maintained, and so sales of Coke perhaps benefit as a result.

A more likely reason for the enduring popularity of Coke may, however, be found in the company's enviable marketing strategies. Over the years, it has come up with some of the most memorable ads, tunes, slogans and sponsorships in the world of advertising, emphasizing international harmony, youthfulness and a carefree lifestyle. Few other companies (arguably including Pepsi, the chief competitor to Coca-Cola) have been able to match such marketing ploys so consistently or effectively. As suggested earlier, the influences of American culture are evident just about everywhere, and Coca-cola has somehow come to represent a vision of the US that much of the rest of the world dreams about and aspires for. Perhaps drinking Coke brings people that little bit closer to the dream.

According to the passage, Coke has enjoyed amazing success. It suggests that the author:-

- ☐ thinks that the success of Coke is very strange
- ☐ believes that the success of Coke has been impressive
- ☐ thinks that the success of Coke is beyond explanation
- ☐ considers the success of Coke to be undeserved

### 14 of 100

189 PU\_2016\_MBA\_E

**Direction: Consider the information given below and answer the following 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 DI
- (v) No one is in between C and D in quants and C and A in DI

Who got the highest marks in DI?

- ☐ C
- ☐ A
- ☐ B
- ☐ Data inadequate

### 15 of 100

127 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

One of the most successful commercial products ever launched is said to have come about as the result of a mistake. In 1896, Jacob's pharmacy in Atlanta, Georgia in the US, was selling a nerve tonic known as 'French Wine Cola - Ideal Nerve Tonic'. By accidentally adding fizzy water instead of still water to the recipe, a pharmacist called John S. Pemberton invented what has today become the most popular soft drink in the world: Coca-cola. What could possibly account for the amazing success of Coca-Cola? How has this combination of carbonated water, sugar, acid and flavourings come to symbolize the American way of life for most of the world? After all, even the manufacturers could hardly describe Coke as a healthy product since it contains relatively high amount of sugar and phosphoric acid, both of which are known to damage teeth.

One explanation may be found in the name. The original recipe included a flavouring from the coca plant and probably included small amounts of cocaine (an addictive substance), but since the early part of this century, all traces of cocaine have been removed. However, Coke also includes a flavouring from the cola tree; cola extract contains caffeine, which is a stimulant, and the Coca-Cola company adds extra caffeine for good measure. While caffeine is not thought to be an addictive substance in itself, there is considerable evidence that over a period of time, the consumption of caffeine has to be increased in order for its stimulating effect to be maintained, and so sales of Coke perhaps benefit as a result.

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Describing Coke's marketing strategies as 'enviable' in the passage, the author means that:-

- ☐ the strategies are based on envy
- ☐ People are persuaded to buy Coke because they are envious of America
- ☐ Coke's marketing strategists are encouraged to be envious of each other's ideas
- ☐ Rivals are envious of Coke's successful methods of marketing

### 16 of 100

122 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

What is immediately needed today is the establishment of a World Government or an International Federation of Mankind. It is the utmost necessity of the world today, and all those persons who wish to see all human beings happy and prosperous naturally feel it keenly. Of course, at times, we all feel that many of our problems of our political, social and cultural life would come to an end if there were one Government all over the world. Travelers, businessmen, seekers of knowledge and teachers of righteousness know very well that great impediments and obstructions are faced by them when they pass

from one country to another, exchange goods, get information, and make an effort to spread their good gospel among their fellow-men.

In the past, religious sects divided one set of people against another, colour of the skin or construction of the body set one against the other. But today when philosophical light has exploded the darkness that was created by religious differences, and when scientific knowledge has falsified the theory of social superiority and when modern inventions have enabled human beings of all religious views and of all races and colours to come in frequent contact with one another, it is the governments of various countries that keep people of one country apart from those of another. They create artificial barriers, unnatural distinctions, unhealthy isolation, unnecessary fears and dangers in the minds of the common men who by their nature want to live in friendship with their fellow-men. But all these evils would cease to exist if there were one Government all over the world.

What will the World Government be expected to do?

- ☐ It will kill the religions created by man
- ☐ It will bring about universal happiness and prosperity
- ☐ It will bring about a moral regeneration of mankind
- ☐ It will end all wars for all time to come

#### 17 of 100

204 PU\_2016\_MBA\_E

Which of the following letters would come in place of the question mark (?) in the given series?

C, F, I, L, O, ?

- ☐ Q
- ☐ P
- ☐ S
- ☐ R

#### 18 of 100

166 PU\_2016\_MBA\_E

In what time will Rs. 500/- give Rs. 50/- as interest at the rate of 5% per annum, simple interest?

- ☐ 3 Years
- ☐ 5 Years
- ☐ 4 Years
- ☐ 2 Years

#### 19 of 100

105 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

The famous engineers are working on this project right from the day they arrived here.

- ☐ had been working
- ☐ have been working

- ☐ would be working
- ☐ will have been working

### 20 of 100

145 PU\_2016\_MBA\_E

Four pipes can fill a reservoir in 15, 20, 30 and 60 hours respectively. The first one was opened at 6 AM, second at 7 AM, third at 8 AM and the fourth at 9 AM. When will the reservoir be filled?

- ☐ 1 PM
- ☐ 11 AM
- ☐ 1:30 PM
- ☐ 12 Noon

### 21 of 100

168 PU\_2016\_MBA\_E

In a committee 50 people speak French and 20 speak Spanish and 10 speak both Spanish and French. The number of persons speaking at least one of these two languages is \_\_\_\_\_.

- ☐ 38
- ☐ 48
- ☐ 60
- ☐ 40

### 22 of 100

209 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

Five leaders from undivided India - Pt. Nehru, M.K.Gandhi, Rajendra Prasad, Subhash Chandra Bose and Tyagi participated in the 2<sup>nd</sup> round-table conference at London in 1930. It was noted that Pt. Nehru sat two seats to the left of Rajendra Prasad and M.K.Gandhi sat two seats to the right of Rajendra Prasad.

If Subhash Chandra Bose sat between M.K.Gandhi and Rajendra Prasad, then who sat to the immediate right of Pt. Nehru?

- ☐ Tyagi
- ☐ Rajendra Prasad
- ☐ M.K.Gandhi
- ☐ Subhash Chandra Bose

### 23 of 100

202 PU\_2016\_MBA\_E

**Direction: Find the missing number in the given series.**

1, 0, 5, 8, 17, 24, 37, .....

- ☐ 46
- ☐ 43
- ☐ 48

☐ 40

**24 of 100**

160 PU\_2016\_MBA\_E

If the circumference and area of a circle are numerically equal, then the diameter is equal to \_\_\_\_\_.

- ☐ 3
- ☐ 4
- ☐ 1
- ☐ 2

**25 of 100**

169 PU\_2016\_MBA\_E

Salary of a person is first increased by 20%, then it is decreased by 20%. Change in his salary is:-

- ☐ 4% decreased
- ☐ 20% increased
- ☐ 4% increased
- ☐ 8% increased

**26 of 100**

162 PU\_2016\_MBA\_E

The price of a certain television set is discounted by 10% and the reduced price is again discounted by 10%. This series of successive discounts is equivalent to a single discount of \_\_\_\_\_.

- ☐ 19%
- ☐ 18%
- ☐ 11%
- ☐ 20%

**27 of 100**

109 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

The nuclear tests filled the air with radioactive gases and leaving the area inhabitable.

- ☐ and left the
- ☐ and making the
- ☐ and will leave the
- ☐ and leaves the

**28 of 100**

181 PU\_2016\_MBA\_E

**Direction: Read the following paragraph and answer the question given below.**

Three friends A, B and C respectively have Rs. 160, Rs. 120 and Rs. 80. They started playing a game in which the person who has the maximum money gives to both the persons an amount equal to half the



difference between his amount and the respective person's amount. The game stops when the difference between the amounts of any two of them has, is less than Rs.5.

What would be the amount with B at the end of the game?

- ☐ 120
- ☐ 115
- ☐ 117.5
- ☐ 122.5

### 29 of 100

100 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

While larger banks can afford to maintain their own data-processing operations, many smaller regional and community banks are finding that the cost associated with upgrading data-processing equipment and with the development and maintenance of new products and technical staff are prohibitive.

- ☐ cost associated with
- ☐ costs associated with
- ☐ costs arising from
- ☐ cost of

### 30 of 100

163 PU\_2016\_MBA\_E

The average wage of 500 workers was found to be Rs. 200/-. Later on, it is discovered that the wages of 2 workers were misread as 180 and 20, instead of 80 and 220. The correct average wage is \_\_\_\_\_.

- ☐ Rs. 201.00
- ☐ Rs. 200.10
- ☐ Rs. 200.20
- ☐ Rs. 200.50

### 31 of 100

129 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

One of the most successful commercial products ever launched is said to have come about as the result of a mistake. In 1896, Jacob's pharmacy in Atlanta, Georgia in the US, was selling a nerve tonic known as 'French Wine Cola - Ideal Nerve Tonic'. By accidentally adding fizzy water instead of still water to the recipe, a pharmacist called John S. Pemberton invented what has today become the most popular soft drink in the world: Coca-cola. What could possibly account for the amazing success of Coca-Cola? How has this combination of carbonated water, sugar, acid and flavourings come to symbolize the American way of life for most of the world? After all, even the manufacturers could hardly describe Coke as a healthy product since it contains relatively high amount of sugar and phosphoric acid, both of which are known to damage teeth.

One explanation may be found in the name. The original recipe included a flavouring from the coca plant and probably included small amounts of cocaine (an addictive substance), but since the early part of this century, all traces of cocaine have been removed. However, Coke also includes a flavouring from the cola

tree; cola extract contains caffeine, which is a stimulant, and the Coca-Cola company adds extra caffeine for good measure. While caffeine is not thought to be an addictive substance in itself, there is considerable evidence that over a period of time, the consumption of caffeine has to be increased in order for its stimulating effect to be maintained, and so sales of Coke perhaps benefit as a result.

A more likely reason for the enduring popularity of Coke may, however, be found in the company's enviable marketing strategies. Over the years, it has come up with some of the most memorable ads, tunes, slogans and sponsorships in the world of advertising, emphasizing international harmony, youthfulness and a carefree lifestyle. Few other companies (arguably including Pepsi, the chief competitor to Coca-Cola) have been able to match such marketing ploys so consistently or effectively. As suggested earlier, the influences of American culture are evident just about everywhere, and Coca-cola has somehow come to represent a vision of the US that much of the rest of the world dreams about and aspires for. Perhaps drinking Coke brings people that little bit closer to the dream.

According to the passage, all of the following are not true, except:-

- ☐ At least one of the ingredients of Coke is addictive
- ☐ The stimulating effect of caffeine is reduced over time unless consumption of it is increased
- ☐ The Coca-cola company has gradually increased the amount of caffeine in Coke
- ☐ Cocaine and caffeine are addictive substances

### 32 of 100

103 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

In the past several years, astronomers have detected more than 80 massive planets, most of them as large or larger than Jupiter, which circle other stars.

- ☐ most of them as large or larger than Jupiter, which circle
- ☐ most of them at least as large as Jupiter, circling
- ☐ mostly at least as large as Jupiter, which circle
- ☐ most of them as large or larger than Jupiter and circling

### 33 of 100

140 PU\_2016\_MBA\_E

In the sequence of numbers:  $\frac{2}{3}$ ,  $\frac{4}{7}$ ,  $x$ ,  $\frac{11}{21}$ ,  $\frac{16}{31}$ . The missing number  $x$  is:-

- ☐  $\frac{5}{10}$
- ☐  $\frac{6}{10}$
- ☐  $\frac{7}{13}$
- ☐  $\frac{8}{10}$

### 34 of 100

149 PU\_2016\_MBA\_E

A sum of money doubles itself in 12 years. Find the percentage rate per annum?

- ☐ 8.33%
- ☐ 12.5%

- ☐ 10%
- ☐ 7.51%

### 35 of 100

125 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

One of the most successful commercial products ever launched is said to have come about as the result of a mistake. In 1896, Jacob's pharmacy in Atlanta, Georgia in the US, was selling a nerve tonic known as 'French Wine Cola - Ideal Nerve Tonic'. By accidentally adding fizzy water instead of still water to the recipe, a pharmacist called John S. Pemberton invented what has today become the most popular soft drink in the world: Coca-cola. What could possibly account for the amazing success of Coca-Cola? How has this combination of carbonated water, sugar, acid and flavourings come to symbolize the American way of life for most of the world? After all, even the manufacturers could hardly describe Coke as a healthy product since it contains relatively high amount of sugar and phosphoric acid, both of which are known to damage teeth.

One explanation may be found in the name. The original recipe included a flavouring from the coca plant and probably included small amounts of cocaine (an addictive substance), but since the early part of this century, all traces of cocaine have been removed. However, Coke also includes a flavouring from the cola tree; cola extract contains caffeine, which is a stimulant, and the Coca-Cola company adds extra caffeine for good measure. While caffeine is not thought to be an addictive substance in itself, there is considerable evidence that over a period of time, the consumption of caffeine has to be increased in order for its stimulating effect to be maintained, and so sales of Coke perhaps benefit as a result.

A more likely reason for the enduring popularity of Coke may, however, be found in the company's enviable marketing strategies. Over the years, it has come up with some of the most memorable ads, tunes, slogans and sponsorships in the world of advertising, emphasizing international harmony, youthfulness and a carefree lifestyle. Few other companies (arguably including Pepsi, the chief competitor to Coca-Cola) have been able to match such marketing ploys so consistently or effectively. As suggested earlier, the influences of American culture are evident just about everywhere, and Coca-cola has somehow come to represent a vision of the US that much of the rest of the world dreams about and aspires for. Perhaps drinking Coke brings people that little bit closer to the dream.

According to the passage, the author uses 'for good measure' to emphasize the fact that:-

- ☐ the extra caffeine is healthy for the drinkers of Coke
- ☐ the extra caffeine improves the taste of Coke
- ☐ there is a lot of caffeine in Coke
- ☐ the amount of caffeine in Coke is carefully measured

### 36 of 100

106 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

In quick time, she got acquainted with the new environment.

- ☐ On time
- ☐ In small time
- ☐ In enough time

- ☐ In no time

**37 of 100**

144 PU\_2016\_MBA\_E

Anita had to do a multiplication. Instead of taking 35 as one of the multipliers, she took 53. As a result, the product went up by 540. What is the new product?

- ☐ 1050
- ☐ 1440
- ☐ 1590
- ☐ 540

**38 of 100**

108 PU\_2016\_MBA\_E

**Direction:** For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.

The relationship we have with our clients are the cornerstone of our future.

- ☐ all clients are
- ☐ our clients is
- ☐ our client are
- ☐ each client is

**39 of 100**

207 PU\_2016\_MBA\_E

If NUMERICAL is written as MVL FQJBBK, then how would ASTROLOGY be written in this code?

- ☐ ZTSSNMNHX
- ☐ BRSSKNH X
- ☐ ZTUSPMPEZ
- ☐ BRSTMNNHX

**40 of 100**

180 PU\_2016\_MBA\_E

**Direction:** Read the following paragraph and answer the question given below.

Three friends A, B and C respectively have Rs. 160, Rs. 120 and Rs. 80. They started playing a game in which the person who has the maximum money gives to both the persons an amount equal to half the difference between his amount and the respective person's amount. The game stops when the difference between the amounts of any two of them has, is less than Rs.5.

What would be the amount with A at the end of the game?

- ☐ 117.5
- ☐ 120
- ☐ 122.5
- ☐ 125

#### 41 of 100

104 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

The modern rise of mobile, social, and location-based technologies has allowed humans to become more tech-savvy now than at any time in their history.

- ☐ more tech-savvy now than at any time in their
- ☐ more tech-savvy than they were at any time in their
- ☐ more tech-savvy than those at any other time in their
- ☐ more tech-savvy than those at any other time in

#### 42 of 100

120 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

What is immediately needed today is the establishment of a World Government or an International Federation of Mankind. It is the utmost necessity of the world today, and all those persons who wish to see all human beings happy and prosperous naturally feel it keenly. Of course, at times, we all feel that many of our problems of our political, social and cultural life would come to an end if there were one Government all over the world. Travelers, businessmen, seekers of knowledge and teachers of righteousness know very well that great impediments and obstructions are faced by them when they pass from one country to another, exchange goods, get information, and make an effort to spread their good gospel among their fellow-men.

In the past, religious sects divided one set of people against another, colour of the skin or construction of the body set one against the other. But today when philosophical light has exploded the darkness that was created by religious differences, and when scientific knowledge has falsified the theory of social superiority and when modern inventions have enabled human beings of all religious views and of all races and colours to come in frequent contact with one another, it is the governments of various countries that keep people of one country apart from those of another. They create artificial barriers, unnatural distinctions, unhealthy isolation, unnecessary fears and dangers in the minds of the common men who by their nature want to live in friendship with their fellow-men. But all these evils would cease to exist if there were one Government all over the world.

What is the urgent need of the world today?

- ☐ The creation of a cultured international social order
- ☐ The establishment of an international economic order
- ☐ The establishment of one government
- ☐ The development of healthy relations among the various countries of the world

#### 43 of 100

203 PU\_2016\_MBA\_E

**Direction: Find the missing number in the given series.**

3, 1.5, 1.5, 2.25, 4.5, .....

- ☐ 7.5
- ☐ 9.25

- ☐ 11.25
- ☐ 13.75

**44 of 100**

201 PU\_2016\_MBA\_E

**Direction: Find the missing number in the given series.**

1, 3, 7, 15, 31, 63, 127, .....

- ☐ 150
- ☐ 250
- ☐ 225
- ☐ 255

**45 of 100**

164 PU\_2016\_MBA\_E

In a poll of 66000 physicians, only 20% responded; of these 10% disclosed their preference for pain reliever X. How many of the physicians who responded did not disclose a preference for pain reliever X?

- ☐ 11880
- ☐ 5280
- ☐ 1320
- ☐ 10560

**46 of 100**

142 PU\_2016\_MBA\_E

On January 12, 1980, it was a Saturday. The day of the week on January 12, 1979 was:-

- ☐ Thursday
- ☐ Sunday
- ☐ Friday
- ☐ Saturday

**47 of 100**

208 PU\_2016\_MBA\_E

If IMPORT is written as USPQNJ, then how will CAPITAL be written in this code?

- ☐ MBUJQBD
- ☐ MBQJUBD
- ☐ MUBJBDQ
- ☐ KZSHOZB

**48 of 100**

128 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

One of the most successful commercial products ever launched is said to have come about as the result

of a mistake. In 1896, Jacob's pharmacy in Atlanta, Georgia in the US, was selling a nerve tonic known as 'French Wine Cola - Ideal Nerve Tonic'. By accidentally adding fizzy water instead of still water to the recipe, a pharmacist called John S. Pemberton invented what has today become the most popular soft drink in the world: Coca-cola. What could possibly account for the amazing success of Coca-Cola? How has this combination of carbonated water, sugar, acid and flavourings come to symbolize the American way of life for most of the world? After all, even the manufacturers could hardly describe Coke as a healthy product since it contains relatively high amount of sugar and phosphoric acid, both of which are known to damage teeth.

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It can be inferred from the last sentence of the passage that:-

- ☐ drinking Coke is part of the American dream
- ☐ many people wish for a lifestyle like they imagine most Americans have
- ☐ most people would like to settle down in America
- ☐ drinking Coke reminds a lot of people of visiting America

49 of 100

123 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

What is immediately needed today is the establishment of a World Government or an International Federation of Mankind. It is the utmost necessity of the world today, and all those persons who wish to see all human beings happy and prosperous naturally feel it keenly. Of course, at times, we all feel that many of our problems of our political, social and cultural life would come to an end if there were one Government all over the world. Travelers, businessmen, seekers of knowledge and teachers of righteousness know very well that great impediments and obstructions are faced by them when they pass from one country to another, exchange goods, get information, and make an effort to spread their good gospel among their fellow-men.

In the past, religious sects divided one set of people against another, colour of the skin or construction of the body set one against the other. But today when philosophical light has exploded the darkness that was created by religious differences, and when scientific knowledge has falsified the theory of social superiority and when modern inventions have enabled human beings of all religious views and of all races and colours to come in frequent contact with one another, it is the governments of various countries that keep people of one country apart from those of another. They create artificial barriers, unnatural distinctions, unhealthy isolation, unnecessary fears and dangers in the minds of the common men who by their nature want to live in friendship with their fellow-men. But all these evils would cease to exist if there were one Government all over the world.

The people who face impediments and obstructions when they pass from one country to another are all the following except:-

- ☐ Those who spread the good word
- ☐ Those who create national barriers
- ☐ Traders of goods
- ☐ Those who seek knowledge

**50 of 100**

147 PU\_2016\_MBA\_E

The least number of 4 digits which is a perfect a square is \_\_\_\_\_.

- ☐ 1012
- ☐ 1040
- ☐ 1064
- ☐ 1024

**51 of 100**

187 PU\_2016\_MBA\_E

**Direction: Consider the information given in the question and choose the right answer.**

All offices are papers. All papers are birds.

I . All offices are birds.

II. All birds are offices.

- ☐ if only conclusion I necessarily follows.
- ☐ if both conclusions I & II necessarily follow.
- ☐ if neither conclusion I nor II necessarily follow.
- ☐ if only conclusion II necessarily follows.

**52 of 100**

107 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

Modern ideas of governance started back to the time when people began to question the kings.

- ☐ date back to
- ☐ start back to
- ☐ set back to
- ☐ started when

**53 of 100**

167 PU\_2016\_MBA\_E



There are 361 doctors and nurses in a hospital. If the ratio of doctors to nurses is 8 to 11, how many nurses are there in the hospital?

- ☐ 209
- ☐ 57
- ☐ 171
- ☐ 152

**54 of 100**

161 PU\_2016\_MBA\_E

Find the wrong number in the following series: 2, 3, 6, 15, 45, 156.5, 630.

- ☐ 6
- ☐ 3
- ☐ 156.5
- ☐ 45

**55 of 100**

188 PU\_2016\_MBA\_E

**Direction: Consider the information given in the question and choose the right answer.**

Some men are parrots. Ramu is a parrot.

I. Ramu is a man

II. Some parrots are men

- ☐ if only conclusion I necessarily follows.
- ☐ if both conclusions I & II necessarily follow.
- ☐ if only conclusion II necessarily follows.
- ☐ if neither conclusion I nor II necessarily follow.

**56 of 100**

102 PU\_2016\_MBA\_E

**Direction: For the following question, a part or the whole of the original sentence has been underlined. Find out the best way of writing the underlined part of the sentence.**

It was nearly impossible to diagnose the girl's illness even after three hospitalizations, several months of therapy, and a near mental breakdown because no one medical professional, neither her therapist nor her doctor were able to see the full scope of her symptoms.

- ☐ neither her therapist nor her doctor were able to see
- ☐ including her therapist and her doctor were able to see
- ☐ neither her therapist nor her doctor could able to see
- ☐ not even her therapist nor her doctor was able to see

**57 of 100**

121 PU\_2016\_MBA\_E

**Direction: Read the following passage and answer the question that follow.**

What is immediately needed today is the establishment of a World Government or an International Federation of Mankind. It is the utmost necessity of the world today, and all those persons who wish to see all human beings happy and prosperous naturally feel it keenly. Of course, at times, we all feel that many of our problems of our political, social and cultural life would come to an end if there were one Government all over the world. Travelers, businessmen, seekers of knowledge and teachers of righteousness know very well that great impediments and obstructions are faced by them when they pass from one country to another, exchange goods, get information, and make an effort to spread their good gospel among their fellow-men.

In the past, religious sects divided one set of people against another, colour of the skin or construction of the body set one against the other. But today when philosophical light has exploded the darkness that was created by religious differences, and when scientific knowledge has falsified the theory of social superiority and when modern inventions have enabled human beings of all religious views and of all races and colours to come in frequent contact with one another, it is the governments of various countries that keep people of one country apart from those of another. They create artificial barriers, unnatural distinctions, unhealthy isolation, unnecessary fears and dangers in the minds of the common men who by their nature want to live in friendship with their fellow-men. But all these evils would cease to exist if there were one Government all over the world.

The theory of racial superiority stands falsified today by:-

- ☐ Philosophical developments
- ☐ Precedence given to physical prowess that some races possess and some lack
- ☐ The achievements of some races in every field of life
- ☐ Scientific knowledge

**58 of 100**

148 PU\_2016\_MBA\_E

The highest common factor of 70 and 245 is \_\_\_\_\_.

- ☐ 65
- ☐ 35
- ☐ 55
- ☐ 45

**59 of 100**

200 PU\_2016\_MBA\_E

**Direction: Find the missing number in the given series.**

(2,3), (5,7), (11,13), (17,19), .....

- ☐ (23,29)
- ☐ (23,25)
- ☐ (26,28)
- ☐ (22,24)

**60 of 100**

205 PU\_2016\_MBA\_E

Which of the following letters would come in place of the question mark (?) in the given series?

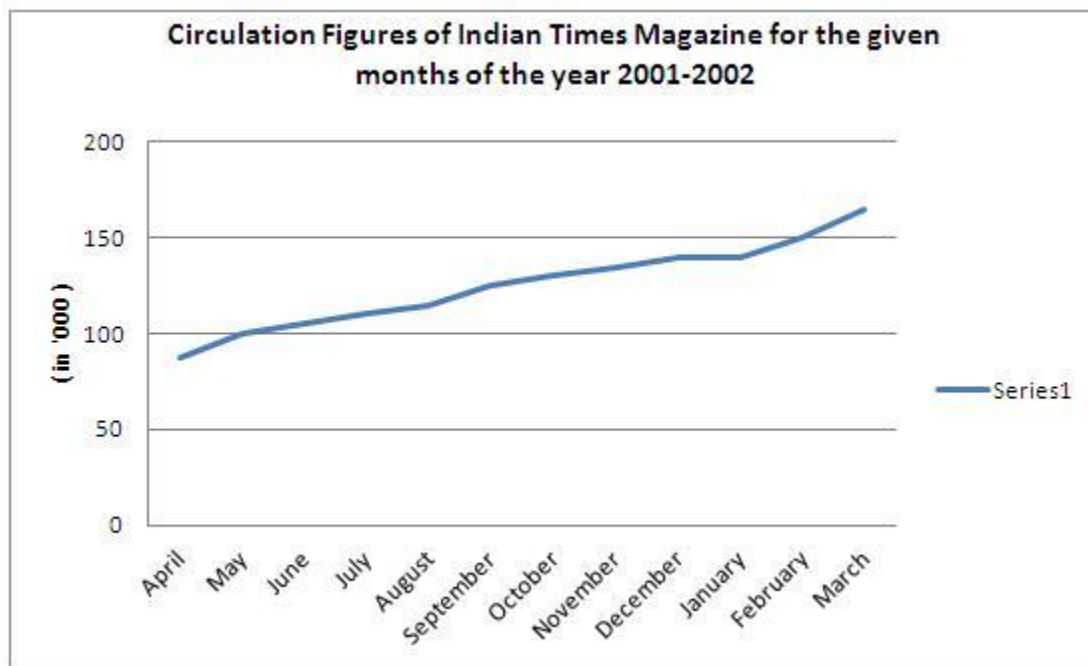
AD, EI, JO, PV, ?

- ☐ WD
- ☐ VD
- ☐ WC
- ☐ VE

61 of 100

241 PU\_2016\_MBA\_M

**Direction:** Answer the question based on the information given in the following graph.  
(Assume all values end in 5 or 0)



The least percentage growth in circulation between any two months has been in the month of:-

- ☐ September
- ☐ August
- ☐ May
- ☐ January

62 of 100

226 PU\_2016\_MBA\_M

**Direction:** Read the passage and answer the question that follow:

Price of rice has increased by 10% in the current month from that in the previous month. Present price of salt is Rs.4 per kg. Currently price of pulses is Rs.18 per kg which was Rs.15 per kg in the last month. In the last price of rice was Rs.10 per kg. In the current month price of wheat has increased by 20% but the same for salt has declined by 20% in comparison to the previous month. Rs.5 per kg was the price of wheat in the previous month.

Which of the following is true?

- ☐ Total price of 1 kg of each of rice, wheat, and salt remains unchanged
- ☐ Total price of rice, wheat, salt, and pulses remains unchanged
- ☐ Total price of 1 kg of wheat and 1 kg of salt remains unchanged
- ☐ Total price of 1 kg of wheat and 1 kg of salt has changed

63 of 100

222 PU\_2016\_MBA\_M

**Direction: Answer the question based on the data given in the following table:**

	1996-97	1997-98 (Budget Estimates)	1997-98 (Revised Estimates)	1998-99 (Budget Estimates)
I. Total provision for capital formation	3553	3805	4057	4608
A. Developmental	3524	3747	4007	4542
1. Social services	98	126	126	212
2. Economic services	2454	2481	2764	3034
a. Agriculture	460	121	280	89
b. Industry	1002	1404	1406	1670
c. Transport, etc	678	789	775	970
d. Others	314	267	303	305
3. Block Grants & Loans	972	1040	1117	1296
B. Non-Developmental	29	58	50	66
1. General services	29	58	50	66
2. Non-allocable				
II. Total Development Expenditure	5498	5415	6260	6910

Between 1997-98 and 1998-99 Budget Estimates, the number of items which show more than 25% increase in capital formation is:-

- ☐ 1
- ☐ 5
- ☐ 3
- ☐ 7

64 of 100

223 PU\_2016\_MBA\_M

**Direction: Answer the question based on the data given in the following table:**

	1996-97	1997-98 (Budget Estimates)	1997-98 (Revised Estimates)	1998-99 (Budget Estimates)
I. Total provision for capital formation	3553	3805	4057	4608
A. Developmental	3524	3747	4007	4542
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2. Economic services	2454	2481	2764	3034
a. Agriculture	460	121	280	89
b. Industry	1002	1404	1406	1670
c. Transport, etc	678	789	775	970
d. Others	314	267	303	305
3. Block Grants & Loans	972	1040	1117	1296
B. Non-Developmental	29	58	50	66
1. General services	29	58	50	66
2. Non-allocable				
II. Total Development Expenditure	5498	5415	6260	6910

The item whose budget and revised estimates of 1997-98 show little variation is:-

- ☐ Transport and so on
- ☐ Industry
- ☐ General services
- ☐ Social services

**65 of 100**

225 PU\_2016\_MBA\_M

**Direction: Read the passage and answer the question that follow:**

Price of rice has increased by 10% in the current month from that in the previous month. Present price of salt is Rs.4 per kg. Currently price of pulses is Rs.18 per kg which was Rs.15 per kg in the last month. In the last price of rice was Rs.10 per kg. In the current month price of wheat has increased by 20% but the same for salt has declined by 20% in comparison to the previous month. Rs.5 per kg was the price of wheat in the previous month.

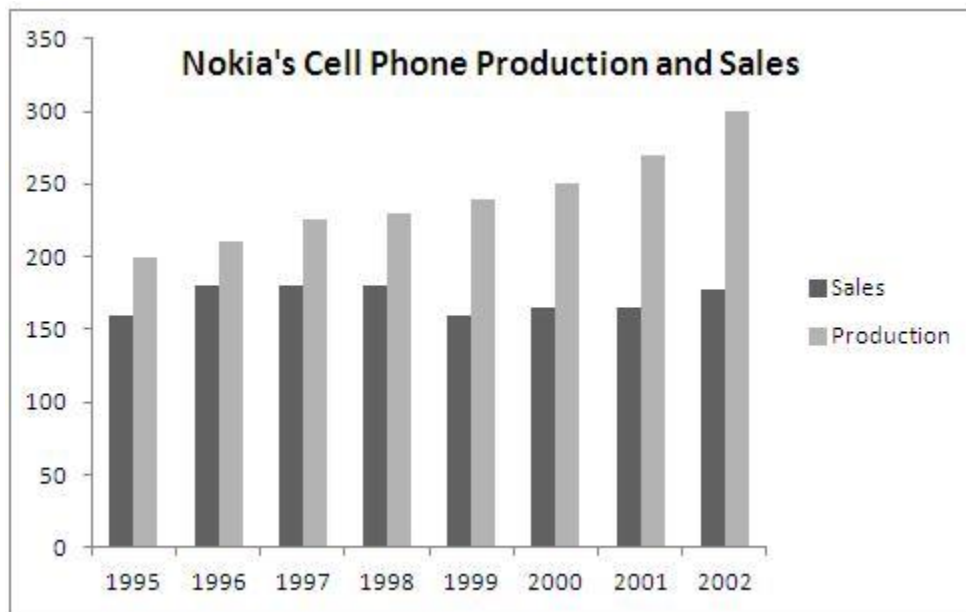
Price of pulse has increased in the current month by:-

- ☐ 20%
- ☐ 30%
- ☐ 22.5%
- ☐ 15%

66 of 100

247 PU\_2016\_MBA\_M

**Direction:** Based on the figures in the bar chart, answer the following question. (Assume all numbers in the bar graph in ten thousands).



What percentage of the total production has been sold during the year 1999?

- ☐ 75%
- ☐ More than 75%
- ☐ Less than 70%
- ☐ 80%

67 of 100

227 PU\_2016\_MBA\_M

**Direction:** Read the passage and answer the question that follow:

Price of rice has increased by 10% in the current month from that in the previous month. Present price of salt is Rs.4 per kg. Currently price of pulses is Rs.18 per kg which was Rs.15 per kg in the last month. In the last price of rice was Rs.10 per kg. In the current month price of wheat has increased by 20% but the same for salt has declined by 20% in comparison to the previous month. Rs.5 per kg was the price of wheat in the previous month.

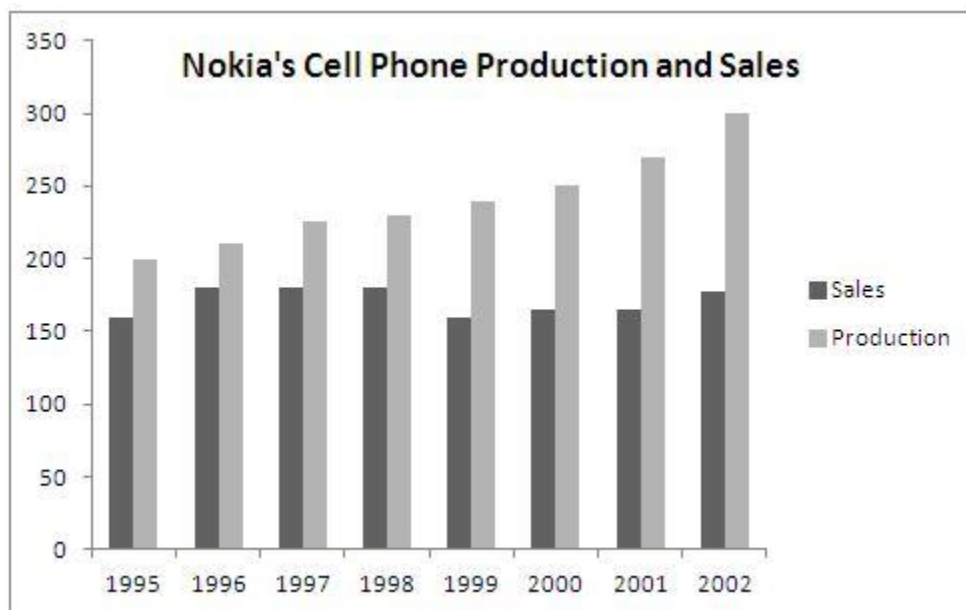
In terms of absolute value, maximum increase in cost per kg was observed for:-

- ☐ Pulses
- ☐ Wheat
- ☐ Salt
- ☐ Rice

68 of 100

249 PU\_2016\_MBA\_M

**Direction:** Based on the figures in the bar chart, answer the following question. (Assume all numbers in the bar graph in ten thousands).



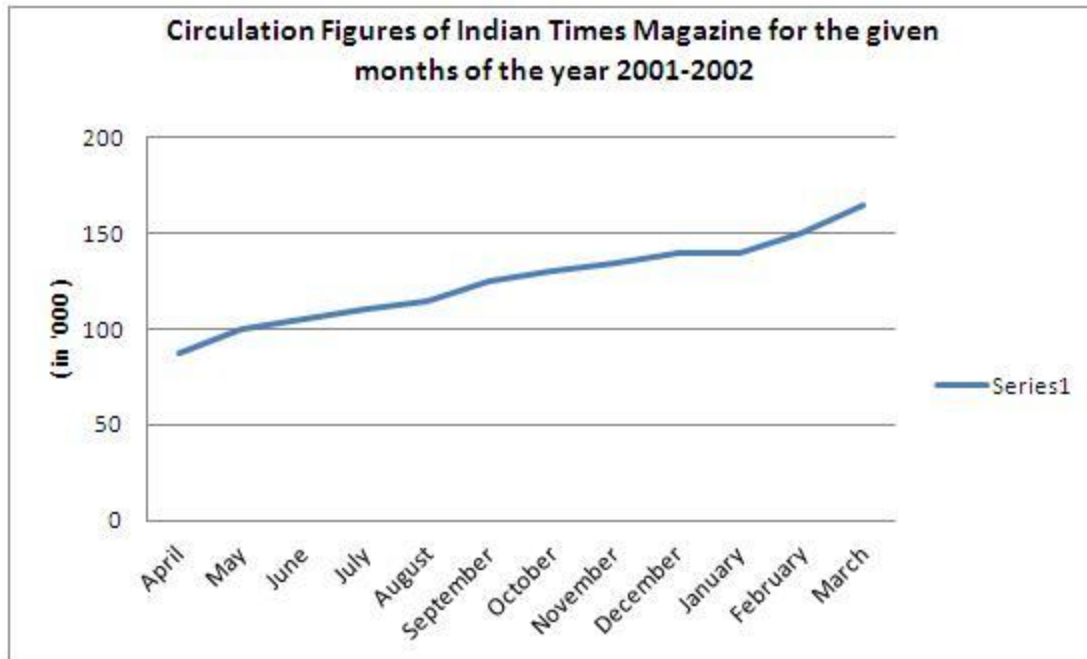
In which of the following years has the sale of cell phones shown negative trend?

- ☐ 2001
- ☐ 1999
- ☐ 1998
- ☐ 2000

69 of 100

240 PU\_2016\_MBA\_M

**Direction:** Answer the question based on the information given in the following graph. (Assume all values end in 5 or 0)



The percentage growth in monthly circulation between April 2001 and March 2002 has been closest to:-

- ☐ 83.33%
- ☐ 77.77%
- ☐ 80%
- ☐ 55.55%

70 of 100

224 PU\_2016\_MBA\_M

**Direction:** Answer the question based on the data given in the following table:



	1996-97	1997-98 (Budget Estimates)	1997-98 (Revised Estimates)	1998-99 (Budget Estimates)
I. Total provision for capital formation	3553	3805	4057	4608
A. Developmental	3524	3747	4007	4542
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c. Transport, etc	678	789	775	970
d. Others	314	267	303	305
3. Block Grants & Loans	972	1040	1117	1296
B. Non-Developmental	29	58	50	66
1. General services	29	58	50	66
2. Non-allocable				
II. Total Development Expenditure	5498	5415	6260	6910

The item showing a negative variation between 1997-98 (Revised) and 1998-99 (Budget) is:-

- ☐ Total developmental expenditure
- ☐ Agriculture
- ☐ Others
- ☐ General services

71 of 100

220 PU\_2016\_MBA\_M

**Direction:** Answer the question based on the data given in the following table:

	1996-97	1997-98 (Budget Estimates)	1997-98 (Revised Estimates)	1998-99 (Budget Estimates)
I. Total provision for capital formation	3553	3805	4057	4608
A. Developmental	3524	3747	4007	4542
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c. Transport, etc	678	789	775	970
d. Others	314	267	303	305
3. Block Grants & Loans	972	1040	1117	1296
B. Non-Developmental	29	58	50	66
1. General services	29	58	50	66
2. Non-allocable				
II. Total Development Expenditure	5498	5415	6260	6910

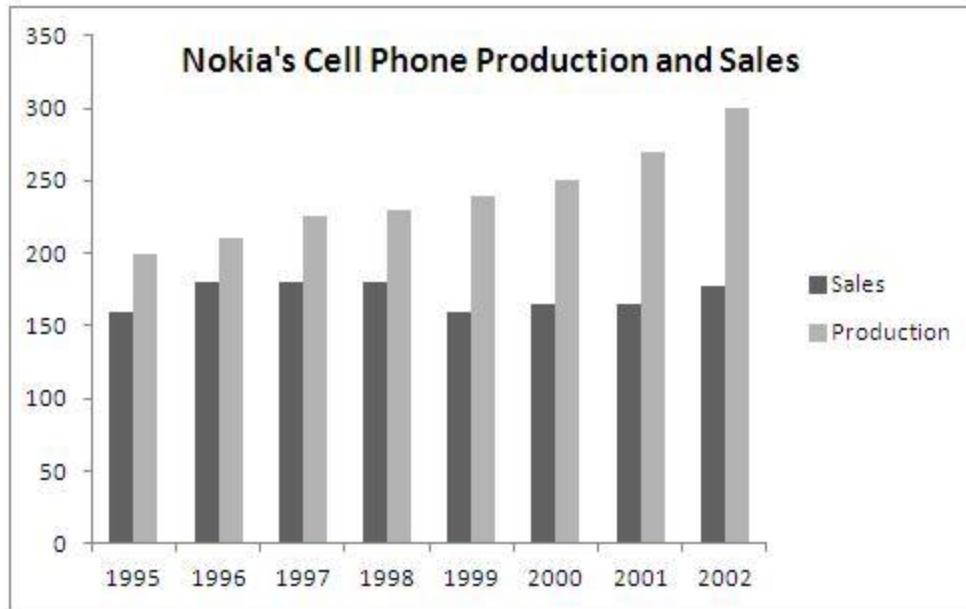
Between first and last periods, the number of items showing a decline in capital formation is:-

- ☐ 5  
☐ 1  
☐ Agriculture, others  
☐ 9

72 of 100

246 PU\_2016\_MBA\_M

**Direction:** Based on the figures in the bar chart, answer the following question. (Assume all numbers in the bar graph in ten thousands).



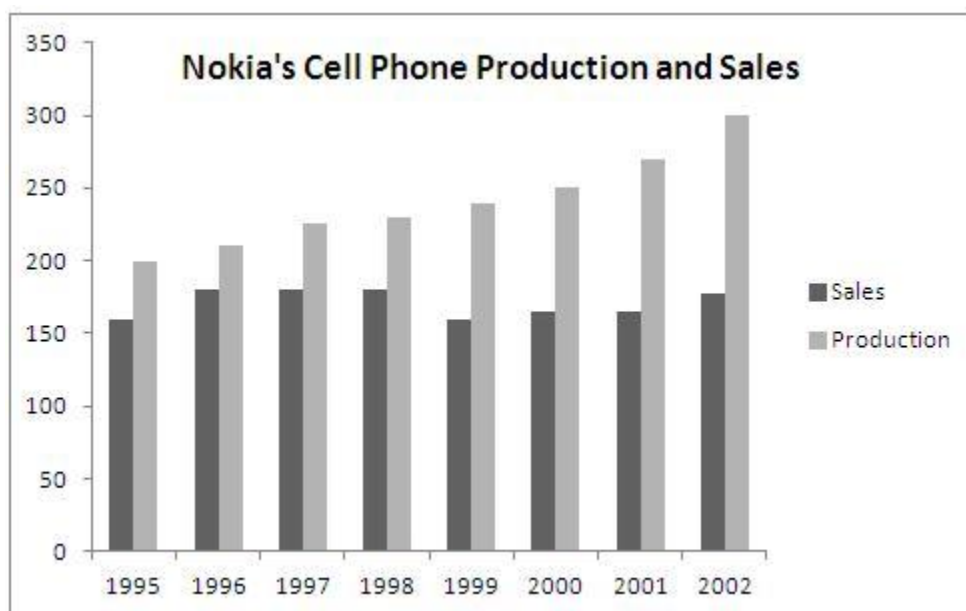
What is the percentage increase in sales between 1995 and 2002?

- ☐ More than 40%
- ☐ 45%
- ☐ Less than 20 %
- ☐ 25%

73 of 100

248 PU\_2016\_MBA\_M

**Direction:** Based on the figures in the bar chart, answer the following question. (Assume all numbers in the bar graph in ten thousands).



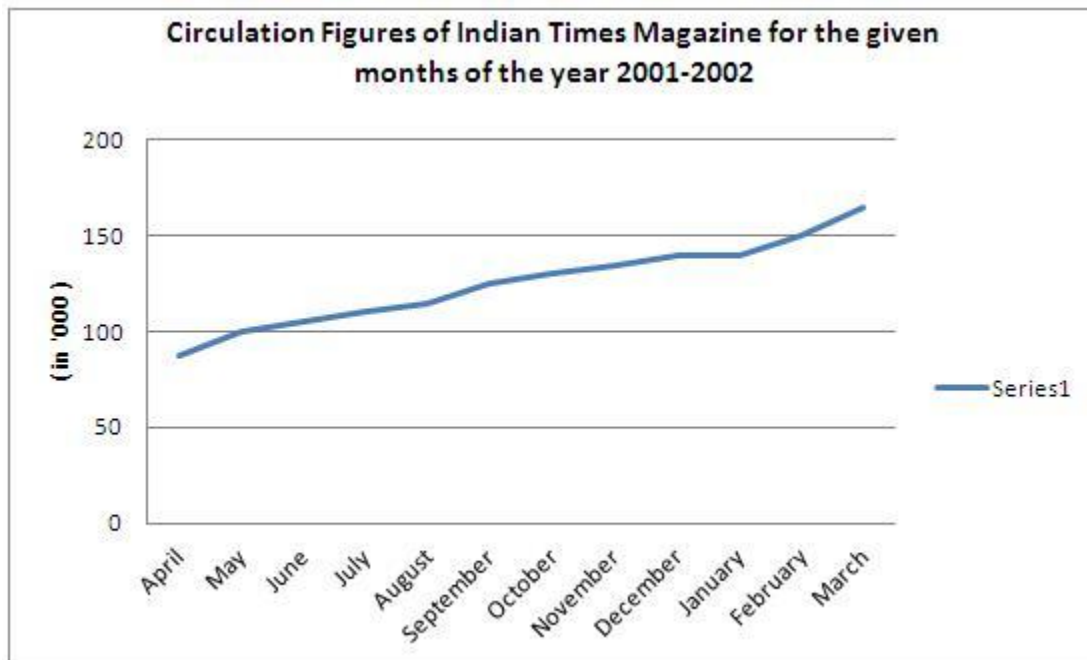
The year in which there was the maximum percentage in production was:-

- ☐ 2001
- ☐ 2000
- ☐ 2002
- ☐ 1999

74 of 100

244 PU\_2016\_MBA\_M

**Direction:** Answer the question based on the information given in the following graph.  
(Assume all values end in 5 or 0)



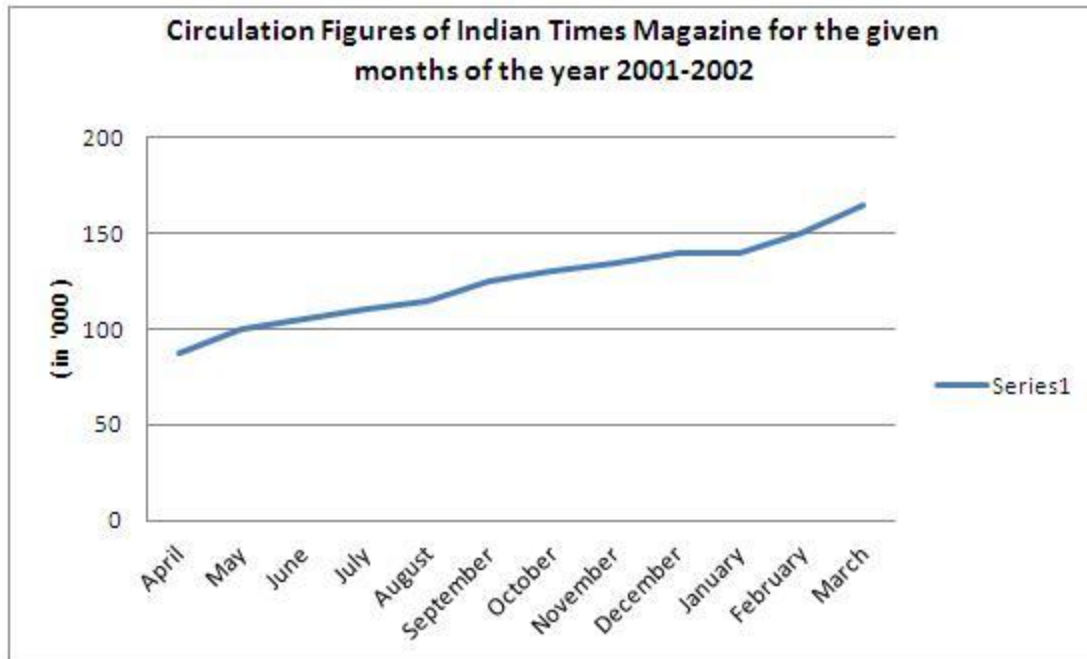
The average monthly circulation during October-March exceeds the average monthly circulation during April-September (in'000)?

- ☐ 35
- ☐ 45
- ☐ 40.2
- ☐ 41.6

75 of 100

243 PU\_2016\_MBA\_M

**Direction:** Answer the question based on the information given in the following graph.  
(Assume all values end in 5 or 0)



What is the average monthly circulation (in '000s) of the magazine for the year 2001- 2002? (approximately)

- ☐ 115
- ☐ 150
- ☐ 135
- ☐ 125

**76 of 100**

221 PU\_2016\_MBA\_M

**Direction:** Answer the question based on the data given in the following table:

	1996-97	1997-98 (Budget Estimates)	1997-98 (Revised Estimates)	1998-99 (Budget Estimates)
I. Total provision for capital formation	3553	3805	4057	4608
A. Developmental	3524	3747	4007	4542
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b. Industry	1002	1404	1406	1670
c. Transport, etc	678	789	775	970
d. Others	314	267	303	305
3. Block Grants & Loans	972	1040	1117	1296
B. Non-Developmental	29	58	50	66
1. General services	29	58	50	66
2. Non-allocable				
II. Total Development Expenditure	5498	5415	6260	6910

The item/sub item that shows the least percentage variation between 1996-97 (Accounts) and 1997-98 (Revised Estimation) is:-

- ☐ Others
- ☐ Transport and so on
- ☐ Social services
- ☐ General services

**77 of 100**

229 PU\_2016\_MBA\_M

**Direction: Read the passage and answer the question that follow:**

Price of rice has increased by 10% in the current month from that in the previous month. Present price of salt is Rs.4 per kg. Currently price of pulses is Rs.18 per kg which was Rs.15 per kg in the last month. In the last price of rice was Rs.10 per kg. In the current month price of wheat has increased by 20% but the same for salt has declined by 20% in comparison to the previous month. Rs.5 per kg was the price of wheat in the previous month.

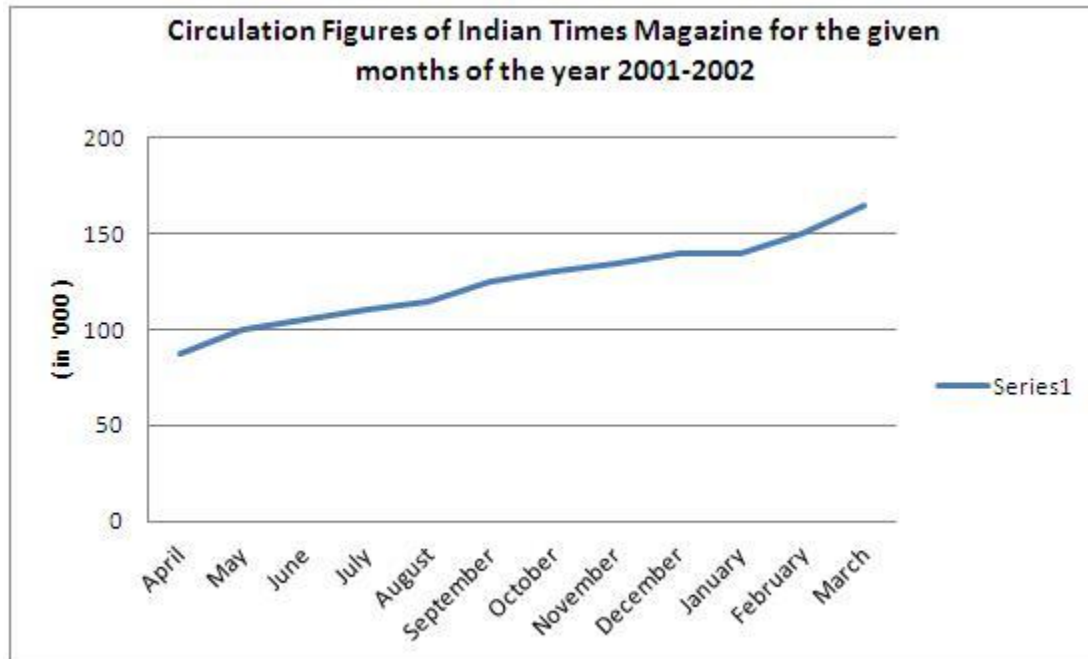
Overall increase in price of the four commodities taken together is:-

- ☐ 10%
- ☐ 7.5%
- ☐ 11.43%
- ☐ 30%

78 of 100

242 PU\_2016\_MBA\_M

**Direction:** Answer the question based on the information given in the following graph.  
(Assume all values end in 5 or 0)



How many different figures (values) of circulation does the above graph give?

- ☐ Eleven
- ☐ Twelve
- ☐ Nine
- ☐ Ten

79 of 100

228 PU\_2016\_MBA\_M

**Direction:** Read the passage and answer the question that follow:

Price of rice has increased by 10% in the current month from that in the previous month. Present price of salt is Rs.4 per kg. Currently price of pulses is Rs.18 per kg which was Rs.15 per kg in the last month. In the last price of rice was Rs.10 per kg. In the current month price of wheat has increased by 20% but the same for salt has declined by 20% in comparison to the previous month. Rs.5 per kg was the price of wheat in the previous month.

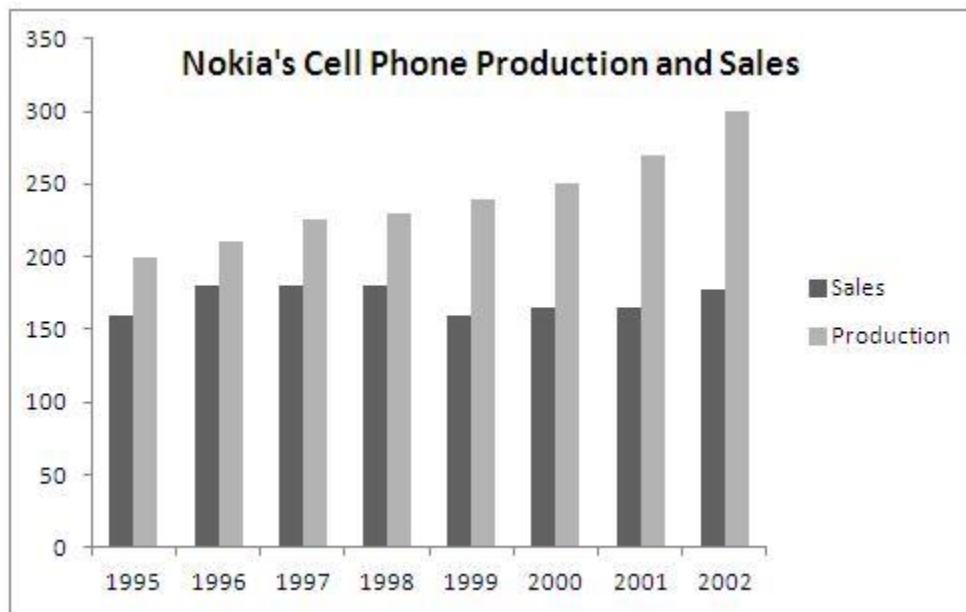
Previous price of salt was what per cent of the current price of the commodity?

- ☐ 125%
- ☐ 20%
- ☐ 80%
- ☐ 40%

80 of 100

245 PU\_2016\_MBA\_M

**Direction:** Based on the figures in the bar chart, answer the following question. (Assume all numbers in the bar graph in ten thousands).



The sales of cell phones for 1999 are:-

- ☐ 16,00,000
- ☐ 2,00,000
- ☐ 16000
- ☐ 1,60,000

81 of 100

282 PU\_2016\_MBA\_D

The terms '**Bull**' and '**Bear**' are used in:-

- ☐ Stock Exchange
- ☐ Income Tax Department
- ☐ Forest
- ☐ Planning Commission

82 of 100

263 PU\_2016\_MBA\_D

Which of the following roads in Delhi is renamed as Abdul Kalam Road recently?

- ☐ Aurangzeb Road
- ☐ Akbar Road
- ☐ Lodhi Road



- ☐ Safdarjung Road

**83 of 100**

268 PU\_2016\_MBA\_D

Apurvi Singh Chandela, Who qualified for 2016 Olympics is associated with which sport?

- ☐ Athletics
- ☐ Shooting
- ☐ Archery
- ☐ Table Tennis

**84 of 100**

264 PU\_2016\_MBA\_D

Similar to 911 of United states and 999 of United Kingdom, which of the following number, Government of India has recently approved as National Emergency telephone Number?

- ☐ 112
- ☐ 111
- ☐ 108
- ☐ 101

**85 of 100**

269 PU\_2016\_MBA\_D

Which is India's oldest paramilitary force?

- ☐ Indian Coast Guard
- ☐ Border Security Force
- ☐ Assam Rifles
- ☐ Special Frontier Force

**86 of 100**

287 PU\_2016\_MBA\_D

**'Kings are made for public, public is not made for king'** - Who made this statement during the freedom movement of India?

- ☐ Dadabhai Nauroji
- ☐ Abbas Tyabji
- ☐ Mahatma Gandhi
- ☐ Maulana Abdul Kalam Azad

**87 of 100**

283 PU\_2016\_MBA\_D

The corporate head quarters of Tata Group is:-

- ☐ Tata Towers
- ☐ JRD Center

- ☐ Bombay House
- ☐ Jamshedji Palace

**88 of 100**

261 PU\_2016\_MBA\_D

Who among the following was recently conferred the Skoch Lifetime Achievement Award for Contribution to Inclusive Growth and Poverty Alleviation in India?

- ☐ M.Venkaiah Naidu
- ☐ Anna Hazare
- ☐ Venkat Akula
- ☐ Karan Singh

**89 of 100**

280 PU\_2016\_MBA\_D

<http://www.examination.com> - It is an example of:-

- ☐ URL
- ☐ HTML
- ☐ AML
- ☐ LAN

**90 of 100**

285 PU\_2016\_MBA\_D

Arranging data in a logical sequence is called:-

- ☐ sorting
- ☐ summarizing
- ☐ reproducing
- ☐ classification

**91 of 100**

262 PU\_2016\_MBA\_D

Dadasaheb Phalke Award for the year 2015 was conferred on:-

- ☐ Rajini Kant
- ☐ Dilip Kumar
- ☐ Manoj Kumar
- ☐ Amitab Bachan

**92 of 100**

266 PU\_2016\_MBA\_D

MS Word is an example of \_\_\_\_\_.

- ☐ Operating System

- ☐ Translating Software
- ☐ System Software
- ☐ Application Software

**93 of 100**

284 PU\_2016\_MBA\_D

Which two institutions are popularly referred to as the '**Bretton Wood Twins**'?

- ☐ Monetary Fund and World Bank
- ☐ World Bank and Asian Development Bank
- ☐ WTO and United Nations Organization
- ☐ IMF and Asian Development Bank

**94 of 100**

265 PU\_2016\_MBA\_D

To present personal grievances on web is known as:-

- ☐ cyber-venting
- ☐ web-plea
- ☐ cyber-rating
- ☐ web-hate

**95 of 100**

267 PU\_2016\_MBA\_D

Which of the following Indian Banks was recently given permission to operate in Myanmar by Myanmar Government?

- ☐ IDBI Bank
- ☐ Axis Bank
- ☐ NABARD
- ☐ State Bank of India

**96 of 100**

288 PU\_2016\_MBA\_D

Which company's mobile phones are marketed with the slogan - '**Big inside, small outside**'?

- ☐ Sony
- ☐ Apple
- ☐ Samsung
- ☐ Micromax

**97 of 100**

289 PU\_2016\_MBA\_D

US coffee chain giant Starbucks with collaboration of Tata Global Beverages (TGBL) has opened their India's first Starbucks coffee outlet in which city in October 2012?

- ☐ Bangaluru
- ☐ Hyderabad
- ☐ New Delhi
- ☐ Mumbai

**98 of 100**

286 PU\_2016\_MBA\_D

Which of the following US city is called '**City of Golden Gate**'?

- ☐ San Francisco
- ☐ Chicago
- ☐ Los Angeles
- ☐ New York

**99 of 100**

260 PU\_2016\_MBA\_D

Which of the following environmentalists first gave the concept of '**BIO-DIVERSITY HOTSPOTS**'?

- ☐ Norman Myers
- ☐ Julia Butterfly Hill
- ☐ John Muir
- ☐ Gaylord Nelson

**100 of 100**

281 PU\_2016\_MBA\_D

'Benchmark' means:-

- ☐ Set standards
- ☐ Mark on a bench
- ☐ Product lined up on a bench
- ☐ Salesman sitting on a bench

## PU MBA

### 1 of 100

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

### 2 of 100

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

### 3 of 100

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

### 5 of 100

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

#### 6 of 100

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

#### 7 of 100

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 7<sup>th</sup> letter to the left of 13<sup>th</sup> letter from the right?

- ☐ U
- ☐ G
- ☐ H
- ☐ J

#### 9 of 100

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

#### 10 of 100

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

11 of 100

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

12 of 100

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%

13 of 100

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

14 of 100

170 PU\_2015\_MBA

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

- ☐ x=2

- ☐  $x=-5$
- ☐  $x=4$
- ☐  $x=5$

#### 15 of 100

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 4<sup>th</sup> letter to the left of 7<sup>th</sup> letter from the right?

- ☐ T
- ☐ K
- ☐ F
- ☐ P

#### 18 of 100

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:-

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

#### 19 of 100

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

#### 20 of 100

143 PU\_2015\_MBA

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

- ☐ 16
- ☐ 32
- ☐ 24
- ☐ 14

#### 21 of 100

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

#### 22 of 100

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:-

- ☐ 12<sup>th</sup>
- ☐ 10<sup>th</sup>
- ☐ 11<sup>th</sup>
- ☐ 19<sup>th</sup>

#### 23 of 100

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

**24 of 100**

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

**25 of 100**

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

**26 of 100**

102 PU\_2015\_MBA

1.125 in fraction form is \_\_\_\_\_.

- ☐  $\frac{8}{7}$
- ☐  $\frac{9}{8}$
- ☐  $\frac{6}{5}$
- ☐  $\frac{7}{8}$

**27 of 100**

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?

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

**28 of 100**

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

30 of 100

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

31 of 100

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

32 of 100

112 PU\_2015\_MBA

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

- ☐ v

- ☐ F
- ☐ W
- ☐ E

**33 of 100**

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

**34 of 100**

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

**35 of 100**

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

**36 of 100**

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

37 of 100

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

38 of 100

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

39 of 100

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

40 of 100

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

**41 of 100**

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

**42 of 100**

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

**43 of 100**

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

44 of 100

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 1/9 %

- ☐ 11%
- ☐ 10%

#### 47 of 100

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

#### 48 of 100

240 PU\_2015\_MBA

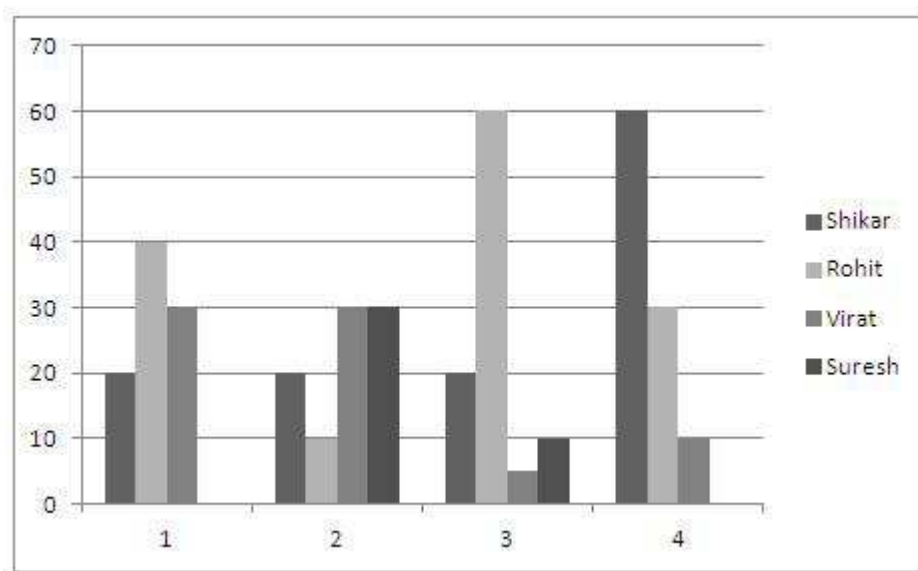
A person earned Rs.20 on one day and spent Rs.15 on the next day. He again earned Rs.20 on the third day and spent Rs.15 on the fourth day and so on. On which day will he have Rs.60 with him?

- ☐ 22<sup>nd</sup>
- ☐ 24<sup>th</sup>
- ☐ 17<sup>th</sup>
- ☐ 26<sup>th</sup>

#### 49 of 100

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

**50 of 100**

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 decreases 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

**52 of 100**

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

**53 of 100**

291 PU\_2015\_MBA

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

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

☐  $f\{(x+y)/(1+xy)\}$

**54 of 100**

294 PU\_2015\_MBA

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

☐  $1 < x < 2$

☐  $0 < x < 1$

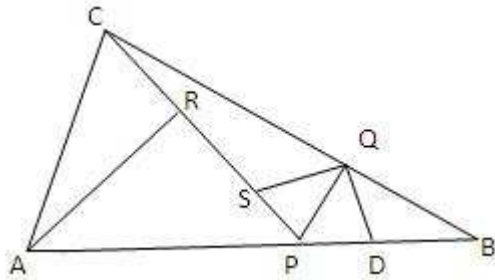
☐  $x = 1$

☐  $x$  is infinite

**55 of 100**

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  $ARC = 90^\circ$ , and in triangle PQS,  $\angle PSQ = 90^\circ$ . The length of QS is 6 cms. What is ratio AP: PD?



☐ 10:3

☐ 2:1

☐ 7:3

☐ 8:3

**56 of 100**

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

**57 of 100**

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

#### 58 of 100

290 PU\_2015\_MBA

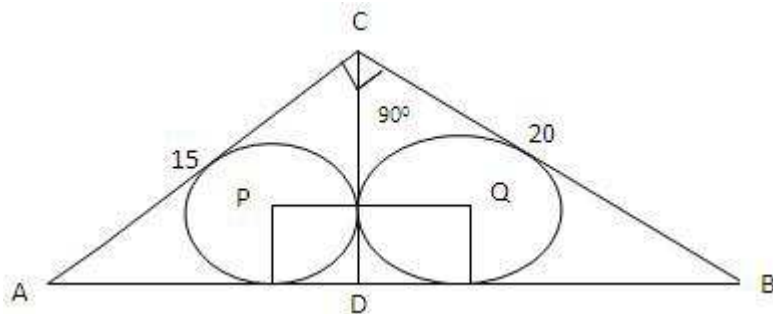
Six numbers are in arithmetic progression such that their sum is 3. The first number is four times the third number. The fifth number is equal to:-

- ☐ -15
- ☐ 9
- ☐ -4
- ☐ -3

#### 59 of 100

292 PU\_2015\_MBA

In the given figure,  $\triangle ACB$  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

#### 60 of 100

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  $45^\circ$  to  $60^\circ$ . After how much more time will this car reach the base of the tower?

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

### 61 of 100

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

### 62 of 100

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

### 63 of 100

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.

### 64 of 100

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 4<sup>th</sup> to the left of Dennis.
- iv. Edward is the neighbour of Herbert and 3<sup>rd</sup> 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 3<sup>rd</sup> to the right of Dennis
- ☐ Herbert is to the immediate left to Edward
- ☐ Dennis is 4<sup>th</sup> to the right of Fiona

### 65 of 100

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

### 66 of 100

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

### 67 of 100

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

### 68 of 100

167 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.

What is M's profession?

- ☐ Psychologist
- ☐ Executive
- ☐ Designer
- ☐ Data inadequate

### 69 of 100

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

### 70 of 100

149 PU\_2015\_MBA New

Successfully adjusting to one's environment leads to happiness. War at a universal level war 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

### 71 of 100

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.

### 72 of 100

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

### 73 of 100

173 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 colour of Kapil's trousers?

- ☐ Blue
- ☐ Green
- ☐ While
- ☐ Date inadequate

### 74 of 100

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.

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

### 75 of 100

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 4<sup>th</sup> to the left of Dennis.
- iv. Edward is the neighbour of Herbert and 3<sup>rd</sup> to the right of Fiona.
- v. Chole is neither the neighbour of Alex nor of Giles.

Which of the following pairs has the 1<sup>st</sup> 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 4<sup>th</sup> to the left of Dennis.
- iv. Edward is the neighbour of Herbert and 3<sup>rd</sup> 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 3<sup>rd</sup> 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 4<sup>th</sup> to the left of Dennis.
- iv. Edward is the neighbour of Herbert and 3<sup>rd</sup> 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?

- ☐ 4<sup>th</sup> to the right of Chloe
- ☐ To the immediate right of Giles
- ☐ To the immediate left of Chloe
- ☐ 2<sup>nd</sup> 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.

morpirquat means birdhouse

beelmorpir means bluebird

beelclak means bluebell

Which word could mean "houseguest"?



quathunde



clakquat



beelmoki



morpirhunde

**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



malgaauper

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

### 1 of 100

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

**6 of 100**

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

10 of 100

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

### 17 of 100

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.

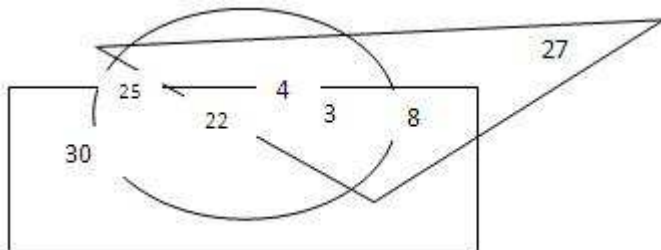
- ☐ the wild terrain of Africa
- ☐ one's own subconscious
- ☐ the natural beauty of our land
- ☐ the fascinating urban centers

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 ?

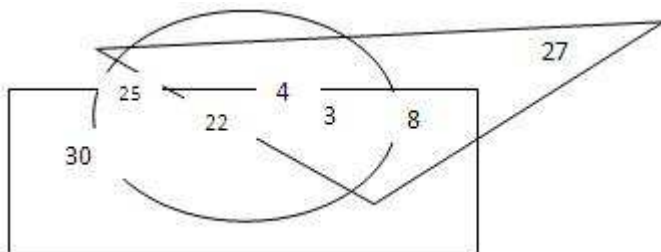
- ☐ 3
- ☐ 4
- ☐ 22
- ☐ None of these

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?

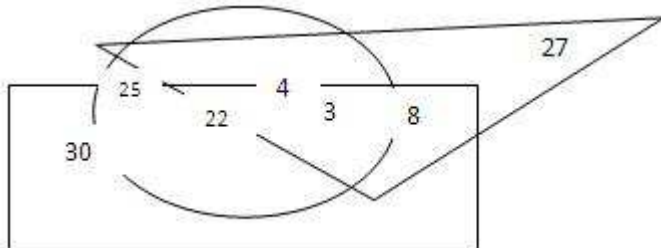
- ☐ 27
- ☐ 22
- ☐ 30
- ☐ 8

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



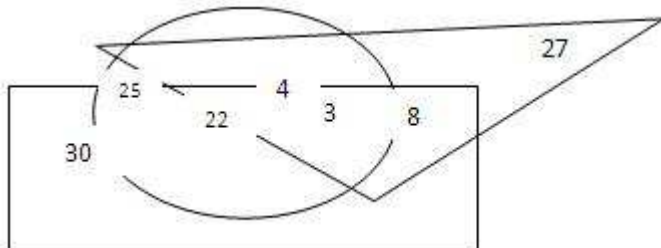
None of these

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



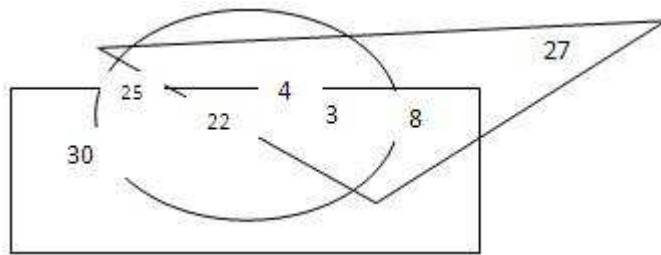
8

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	Exports	Imports	(Rupees in Crores) 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

24 of 100

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
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 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
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 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			(Rupees in Crores)
Year	Exports	Imports	Trade Deficit
2006- 2007	6711	12549	5838
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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

27 of 100

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			(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 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

**29 of 100**

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.

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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

**30 of 100**

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

**32 of 100**

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



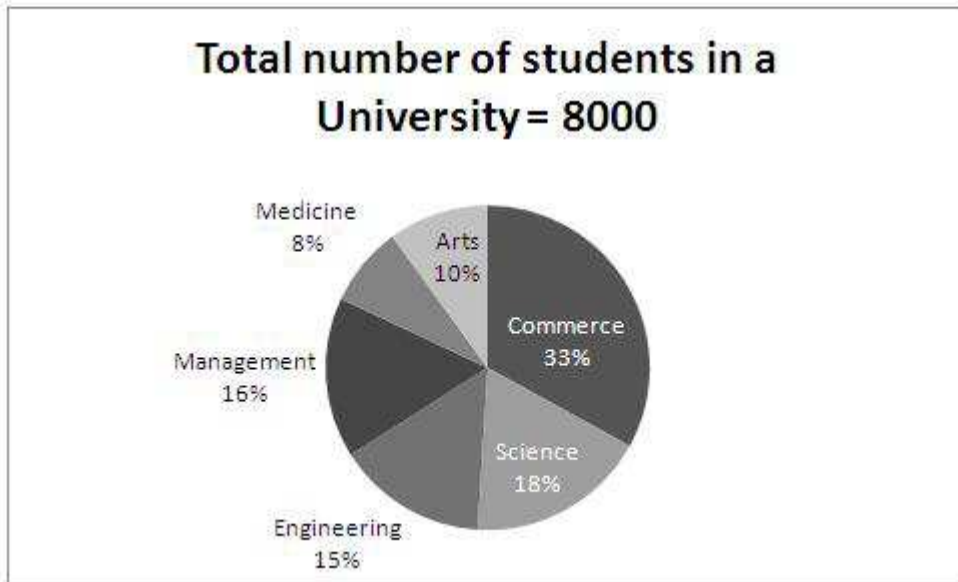
2003

**33 of 100**

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?

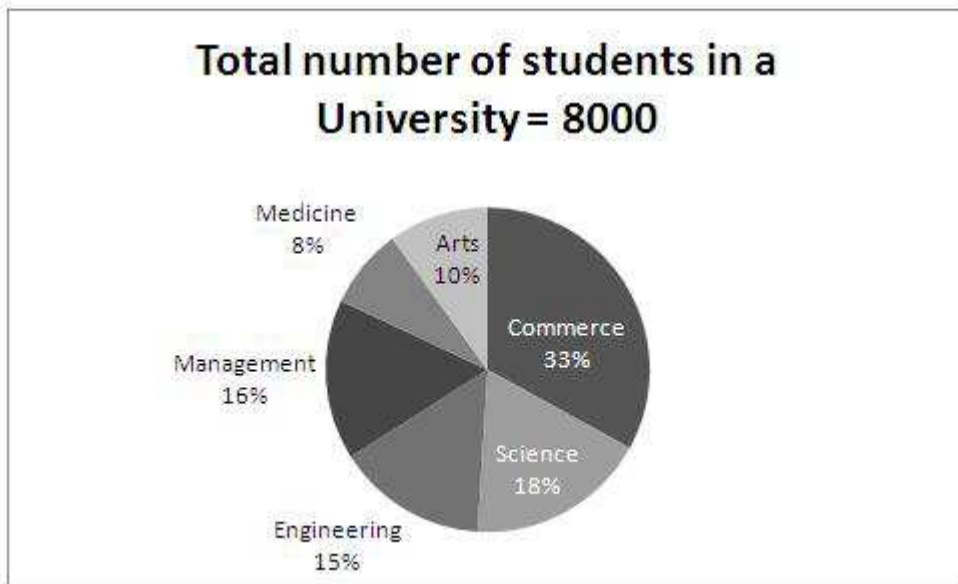
- ☐ 1280
- ☐ 480
- ☐ 5000
- ☐ 820

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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?

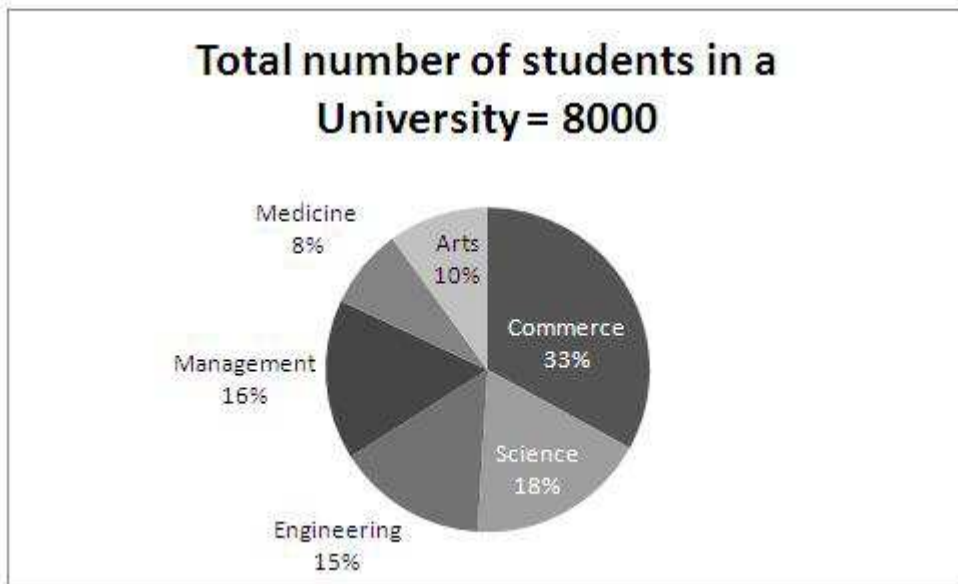
- ☐ 7
- ☐ 9
- ☐ 27
- ☐ 12

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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

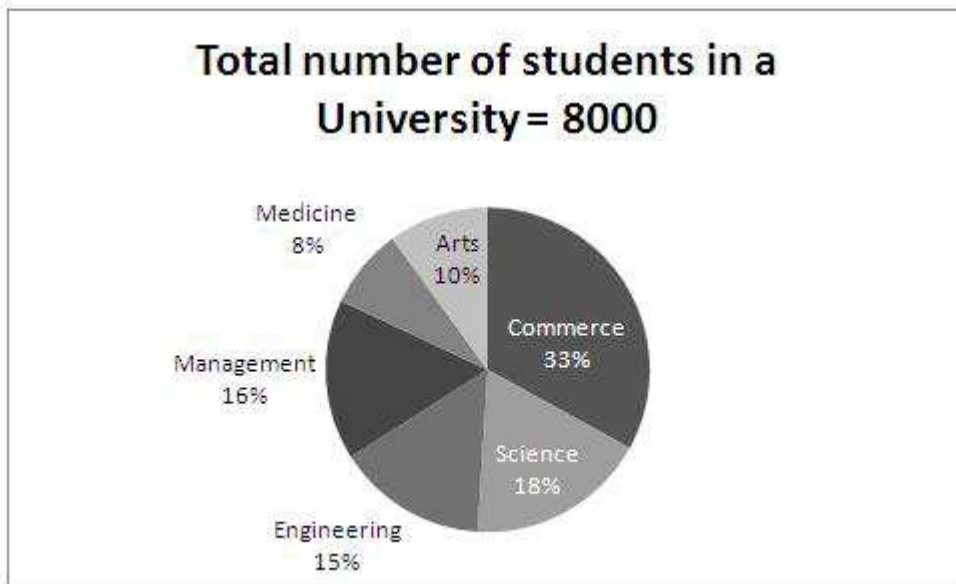
36 of 100

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

**37 of 100**

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;

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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

43 of 100

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 1<sup>st</sup> signal – 2 red and 2 green lights;

After 15 minutes, 2<sup>nd</sup> signal – 1 red light;

After half an hour 3<sup>rd</sup> signal – 1 red & 3 green lights;

After 24 minutes, 4<sup>th</sup> signal – 2 red & 2 green lights;

After 15 minutes, 5<sup>th</sup> 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

44 of 100

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  $9 \times 7$  cuts.

ii. The other two opposite faces on the sides are painted in green with  $9 \times 5$  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  $168 \times 515 \div 3 + ? = 549 \div 9 + 235$

- ☐ 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 30 minutes 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 4<sup>th</sup> Feb., 2005 to 18<sup>th</sup> 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  $9 \times 7$  cuts.
- ii. The other two opposite faces on the sides are painted in green with  $9 \times 5$  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?

- ☐ 12<sup>th</sup> term
- ☐ 10<sup>th</sup> term
- ☐ 11<sup>th</sup> term
- ☐ 13<sup>th</sup> 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

### 88 of 100

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

### 89 of 100

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.

### 90 of 100

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.

### 91 of 100

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

### 92 of 100

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

93 of 100

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

94 of 100

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

95 of 100

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

**96 of 100**

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

**97 of 100**

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?



$-0.5 \leq w \leq 2$



$-4 \leq w \leq 4$



$-2 \leq w \leq -0.5$



$-4 \leq w \leq 2$

**98 of 100**

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

**99 of 100**

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

**100 of 100**

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