Question : 1

Find number of odd factors of 250

A] 5   B] 7   C] 4   D] 3

- Correct Answer : Option 3

Question : 2

A shopkeeper bought an article for Rs.319.60. Approximately at what price should he sell the article to make 25% profit?

A. 389   B. 400   C. 405   D. 395

- Correct Answer : Option 2

Question : 3

A sum of Rs. 12,500 amounts to Rs. 15,500 in 4 years at the rate of simple interest. What is the rate of interest?

A. 3%   B. 4%   C. 5%   D. 6%

- Correct Answer : Option 4

Question : 4

Find the number of perfect square factors of 2000

A]5   B] 6   C] 2   D] 8

- Correct Answer : Option 2

Question : 5

What will be the ratio of simple interest earned by certain amount at the same rate of interest for 6 years and that for 9 years?

A. 1: 3   B. 1: 4   C. 2: 3   D. Data inadequate

- Correct Answer : Option 3

Question : 6

convert 25.05198989898….. into fraction

A] 2480147/ 99000   B] 2081988/99000   C] 28908908/99900   D] 298980989/99000

- Correct Answer : Option 1

Question : 7

Find unit digit of   42^48* 32^82* 48^42*96^90* 87^87* 93^97

A] 5   B] 7   C] 4   D]8

- Correct Answer : Option 3

Question : 8

Find sum of all factors of 196

A] 395   B] 399   C] 442   D] 398

- Correct Answer : Option 2

Question : 9

.Find number of Even factors of 192

A] 12   B] 7   C] 14   D] 3

- Correct Answer : Option 1

Question : 10

Ramakant wants to earn Rs. 1,500 interest on his deposits. He plans to buy a sack of grains with the interest. He puts Rs. 5,000 into his account that earns 2.5% interest. How long will he need to leave his money in the account to earn this interest that would help him buy the sack of grains?
A. 8 years   B. 10 years   C. 12 years   D. 15 years

- Correct Answer : Option 3

Question : 11

A trader mixes 26 kg of rice at Rs. 20 per kg with 30 kg of rice of other variety at Rs. 36 per kg and sells the mixture at Rs. 30 per kg. His profit percent is?

A. No profit, no loss   B. 5 %   C. 8 %   D. 10 %

- Correct Answer : Option 2

Question : 12

How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?

A. 3.5 years   B. 4 years   C. 4.5 years   D. 5 years

- Correct Answer : Option 2

Question : 13

A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 945 in 5 years. The sum is?

A. 650   B. 690   C. 620   D. 700

- Correct Answer : Option 3

Question : 14

A person borrows Rs. 5000 for 2 years at 4% p.a. simple interest. He immediately lends it to another person at 6 ¼% per annum for 2 years. Find his gain in the transaction per year?

A. Rs. 112.50   B. Rs. 125   C. Rs. 150   D. Rs. 167.50

- Correct Answer : Option 1

Question : 15

Find unit digit of 98 *888*8787* 8686*8282* 8989898* 98989899* 88989899

A] 9   B] 8   C] 4   D] 6

- Correct Answer : Option 2

Question : 16

What smallest number should be added to 2957 so that the sum is completely divisible by 17 ?

A] 9   B] 2   C] 3   D] 1

- Correct Answer : Option 2

Question : 17

If selling price is doubled, the profit triples. Find the profit percent?

A. 300%   B. 200%   C. 150%   D. 100%

- Correct Answer : Option 4

Question : 18

Which of these numbers is not divisible by 3?

A] 339   B] 342   C] 552   D] 1111

- Correct Answer : Option 4

Question : 19

Find the number of factors of 200

A] 12   B] 9   C] 10   D] 15

- Correct Answer : Option 1

Question : 20

. By selling 45 lemons for Rs 40, a man loses 20%. How many should he sell for Rs 24 to gain 20% in the transaction?

A. 16   B. 18   C. 20   D. 22

- Correct Answer : Option 2

Given Answer : Not Attmpted

-

Question : 1

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

In a certain code language

'crime explain murder' is written as 'ru ri be',

'region power updated' is written as 'ta no pa',

'climb economy murder power' is written as 'do ri pa pi', and

'region economy crime explain' is written as 'ru be do no'.

 What is the code for 'explain'?

A] ri   B] be   C] ru   D] do   E] Can't be
determined

- Correct Answer : Option 5

Question : 2

Study the information carefully and answer the questions given below.

 A person starts walking from A towards east direction to reach B, which is 15m east to A. He then takes a right turn and walks 20 m to reach point C. From C, he takes left turn and walks 15m to point D, then again, he takes a left turn and walks 10m to point E. From E, he takes a left turn and walks 20m to reach point F. He then takes a right turn and walks 5m to reach G and finally takes a left turn to reach point H, which is 10 m away from G.

How far is point A from point H?

A] 5m   B] 10m   C] 15m   D] 20m

- Correct Answer : Option 1

Question : 3

A sum of money invested at simple interest amounts to 2832 at the end of three years and 3120 at the end of five years. Find the principal.

(A)2400   (B)2000   (C) 3500   (D) 2500

- Correct Answer : Option 1

Question : 4

A 350 ml solution contains 10% of milk. How much water should be added to it in order to bring down the percentage of milk to 7% in the solution?

 (A) 15 ml   (B) 80 ml   (C) 125 ml   (D) 150 ml

- Correct Answer : Option 4

Question : 5

Direction for Q.-In each question given below are two statements followed by two conclusions numbered (i) and (ii).You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the two given statements.

Statements:
Some bikes are superbikes.
All the boxes are superbikes.
All the pens are bikes.

Conclusions:

I. Some bikes are boxes.
II. No pen is jeep.
III. Some boxes are bikes.

A] None of three   B] Only I and II   C] Only I and III   D] Only II and III

- Correct Answer : Option 1

Question : 6

Study the information carefully and answer the questions given below.

 A person starts walking from A towards east direction to reach B, which is 15m east to A. He then takes a right turn and walks 20 m to reach point C. From C, he takes left turn and walks15m to point D, then again, he takes a left turn and walks 10m to point E. From E, he takes a left turn and walks 20m to reach point F. He then takes a right turn and walks 5m to reach G and finally takes a left turn to reach point H, which is 10 m away from G.

Which of the following is the nearest point to X, which is the mid-point of BC?

 A] E   B] F   C] C   D] H

- Correct Answer : Option 2

Question : 7

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

In a certain code language

'crime explain murder' is written as 'ru ri be',

'region power updated' is written as 'ta no pa',

'climb economy murder power' is written as 'do ri pa pi', and

'region economy crime explain' is written as 'ru be do no'.

What does 'ru' stand for?

(a) crime   (b) Either 'explain' or 'crime'   (c) murder   (d) None of these

- Correct Answer : Option 2

Question : 8

Each question contains six statements followed by four sets of combinations of three. Choose the set in which the statements are logically related.

(L) All poets are authors.

(M) Some poets are writers.

(N) All authors are novelists.

(P) No novelist is a poet.

(Q) Some writers are novelists.

(R) No poet is an author.

(A) NPR   (B) LRN   (C) LPN   (D) PMQ

- Correct Answer : Option 1

Question : 9

From 90 litres of pure milk, 9 litres is withdrawn and replaced by water. 9 litres of the mixture is then withdrawn and replaced by water. Find the ratio of milk and water in the present mixture.

(A) 19 : 81 (B) 19 : 100 (C) 81 : 19 (D) 81 : 100

- Correct Answer : Option 3

Question : 10

In a college of total strength 1000, 30% of the students are girls. There are 600 PGs and 120 more male UGs than female UGs. What percent of the males are the female UGs?

(A) 20%   (B) 15%   (C) 25%   (D) 10%

- Correct Answer : Option 1

Question : 11

Each question contains six statements followed by four sets of combinations of three. Choose the set in which the statements are logically related.

(L) Every year is a leap year.

(M) No leap year is a non leap year.

(N) All years are good.

(P) Some non leap years are not good.

(Q) Some leap years are good.

(R) Some non leap years are years.

(A) LMR   (B) NLQ   (C) PNR   (D) PNL

- Correct Answer : Option 2

Question : 12

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

In a certain code language

'crime explain murder' is written as 'ru ri be',

'region power updated' is written as 'ta no pa',

'climb economy murder power' is written as 'do ri pa pi', and

'region economy crime explain' is written as 'ru be do no'.

Which of the following is the code for 'region power updated crime murder'?

(a) no pa ri ta do   (b) ta ri pa no be   (c) ta no ru ri pa

(d) Either (b) or (c)   (e) None of these

- Correct Answer : Option 4

Question : 13

Puneet borrows 32000 from Jalpesh at 10% simple interest. He lends it to Govinda at 20% compound interest. How much more would Puneet have gained, if Govinda had returned the amount in three years instead of two years?

(A) 5016   (B) 7016   (C) 6016   (D) 4016

- Correct Answer : Option 3

Question : 14

A sum was invested at simple interest. At the end of four years, the total interest was equal to the sum. At the end of five years the total interest was `12500. Find the interest on the sum at the end of three years (in `).

(A) 6000   (B) 7500   (C) 9000   (D) 4500

- Correct Answer : Option 2

Question : 15

Direction for Q.-In each question given below are two statements followed by two conclusions numbered (i) and (ii).You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the two given statements.

Statements:
Some cows are carnivores.
Some carnivores are herbivores.
Some herbivores are adhesives.

Conclusions:

I. Some cows are herbivores.
II. Some carnivores are adhesives.
III. Some adhesives are herbivores.
IV. Some adhesives are carnivores.

A] Only III   B] Only I   C] Only II   D] Only IV

- Correct Answer : Option 1

Question : 16

Find the remainder when 88^{875} is divided by 15?

A] 7   B] 4   C] 8   D] 16

- Correct Answer : Option 1

Question : 17

The ratio of the incomes of A and B is 4 : 3. The ratio of the savings of A and B is 5 : 6. Find the ratio of the expenditures of A and B, if A spends three-fourth of his income.

(A) 3 : 2   (B) 5 : 3   (C) 3 : 5   (D) 2 : 3

- Correct Answer : Option 2

Question : 18

Each question contains six statements followed by four sets of combinations of three. Choose the set in which the statements are logically related.

(L) Some batsmen are bowlers.

 (M) No bowler is an umpire.

(N) All bowlers are fielders.

 (P) No batsman is an umpire.

 (Q) Some fielders are umpires.

 (R) Some batsmen are fielders.

(A) MNQ   (B) QRP   (C) NLR   (D) PML

- Correct Answer : Option 3

Question : 19

Simon gets a discount of 25% on purchasing 100 VCD's from Samuel. He sells them and makes a profit equal to the undiscounted price of 25 VCD's. What is the gain percentage?

(A) 25%   (B) 30%   (C) 66.66%   (D) 33.33%

- Correct Answer : Option 4

What is the remainder when 1! + 2! + 3! + …. + 15! is divided by 4?

A] 0   B] 4   C] 3   D] 1

- Correct Answer : Option 4

Question : 1

What are the last two digits of 87^{474}?

A. 81   B. 01   C. 89   D. 49

- Correct Answer : Option 3

Question : 2

Find the unit digit of :

$(126)^{125} + (141)^{150} + (125)^{126} + (150)^{141} + (122)^{122}$

(a) 2   (b) 1   (c) 6   (d) 5

- Correct Answer : Option 3

Question : 3

Number $N = 2^6 * 5^5 * 7^6 * 10^7$; how many factors of N are even numbers?

A. 1183   B. 1200   C. 1050   D. 540

- Correct Answer : Option 1

Question : 4

Arun got 30% of the maximum marks in an examination and failed by 10 marks. However, Sujith who took the same examination got 40% of the total marks and got 15 marks more than the passing marks. What were the passing marks in the examination?

A. 90   B. 250   C. 75   D. 85

- Correct Answer : Option 4

Question : 5

Monika purchased a pressure cooker at 9/10th of its selling price and sold it at 8% more than its S.P. Find her gain percent?

A.20%   B. 10%   C. 15%   D. 30%

- Correct Answer : Option 1

Question : 6

Find the number of factors of 1040?

A] 16   B] 20   C] 24   D] 12

- Correct Answer : Option 2

Question : 7

At what rate percent per annum will a sum of money double in 8 years?
A. 12.5%   B. 13.5%   C. 11.5%   D. 14.5%

- Correct Answer : Option 1

Question : 8

Find the unit digit :

$[(54)^{99} + (99)^{54}] \times [(144)^{144} + (199)^{199}]$

(a) 4   (b) 1   (c) 5   d) 6

- Correct Answer : Option 1

Question : 9

The average wages of a worker during a fortnight comprising 15 consecutive working days was Rs.90 per day. During first 7 days, his average wages was Rs.87 per day. And the average wages during the last 7 days was Rs.92 per day. What was his wage on the 8th day?
A. 67   B. 79   C. 97   D. 98

- Correct Answer : Option 3

Question : 10

What is the Smallest Number that should be added to 89357 to make it divisible by '9'?
A.1   B. 3   C.4   D.7

- Correct Answer : Option 3

Question : 11

A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?

A. 10   B. 5   C. 15   D. 22

- Correct Answer : Option 2

Question : 12

On a School's annual day sweets were to be distributed amongst 112 children. But on that particular day, 32 children were absent. Thus, the remaining children got extra 6 sweets. How many sweets did each child originally supposed to get?

A. 15   B. 25   C. 30   D. 45

- Correct Answer : Option 1

Question : 13

What is the highest power of 7 that can divide 5000! without leaving a remainder?

A] 816   B] 832   C] 762   D] 802

- Correct Answer : Option 2

Question : 14

If the cost price is 96% of selling price then what is the profit %?

A. 3.13   B. 2.45   C. 2.34   D. 4.17

- Correct Answer : Option 4

Question : 15

Find the last two digit of $(21)^{72} \times (78)^{379}$?

A] 92   B] 72   C] 24   D] 12

- Correct Answer : Option 2

Question : 16

Find the highest power of 9 in 99!?

A] 48   B] 12   C] 24   D] 11

- Correct Answer : Option 3

Given Answer : Not Attmpted

-

Question : 17

The Compound interest on Rs. 20,480 at 6 1⁄4 % per annum for 2 years 73 days is?
A. Rs. 2929   B. Rs. 2219   C. Rs. 3021   D. Rs. 3049

- Correct Answer : Option 1

Question : 18

If 50% of (x-y) = 30% of (x+y) then what percent of x is y?
A. 33%   B. 30%   C. 25%   D. 23%

- Correct Answer : Option 3

Question : 19

What is the value of M and N respectively? If M39048458N is divisible by 8 and 11; where M and N are single digit integers?
A. 7, 8   B. 8, 6   C. 6, 4   D. 5, 4

- Correct Answer : Option 3

Question : 20

A is twice B and B is 200% more than C. By what percent is A more than C?
A. 50%   B. 30%   C. 500%   D. 600%

- Correct Answer : Option 3

Question : 1

These questions are based on the following pie charts. The pie charts give the percentage distribution of iron ore produced in India in 2015-16 and 2016-17.
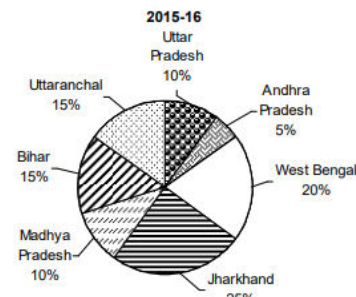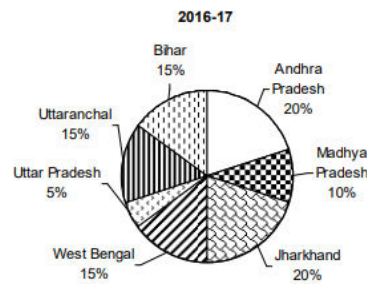
Total =720 millions Tonnes   Total = 1080 millions Tonnes

What is the percentage increase in the production of iron ore in Andhra Pradesh from 2015-16 to 2016-17?

 (A) 100%   (B) 200%   (C) 300%   (D) 500%
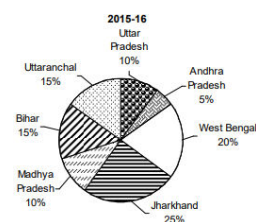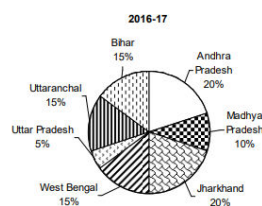
- Correct Answer : Option 4

Question : 2

On which dates of October, 1994 did Monday
fall?
(A) 4, 11, 18, 25   (B) 2, 9, 16, 23 (C) 1, 8, 15, 22   (D) 3, 10, 17, 24, 31

- Correct Answer : Option 4

Question : 3

These questions are based on the following pie charts. The pie charts give the percentage distribution of iron ore produced in India in 2015-16 and 2016-17.

Total =720 millions Tonnes   Total = 1080 millions Tonnes

From 2015-16 to 2016-17, which of the following states showed the maximum percentage increase in the iron ore production?

(A) Andhra Pradesh   (B) Madhya Pradesh   (C) Bihar   (D) Uttar Pradesh

- Correct Answer : Option 1

Question : 4

Each question below has four groups of three statements each. Read the statements carefully and identify the group / groups where the third statement logically follows the first two statements in the group.

(P) Some BA are BO . Some BO are L.   Some BA are L.

(Q) All P are F.   Some M are F.   Some P are M.

(R) Some C are G.   All G are S.   Some C are S.

(S) Some S are BL.   No BO are BL.   Some S are not BO.

(A) P and Q   (B) P and R   (C) R and S   (D) None of these

- Correct Answer : Option 3

Question : 5

Amar, Bharat and Charu can complete a job in 12, 24 and 24 days respectively. If they all work together, how long will they take to complete the same
work?
(A) 18 days   (B) 6 days   (C) 20 days   (D) 16 days

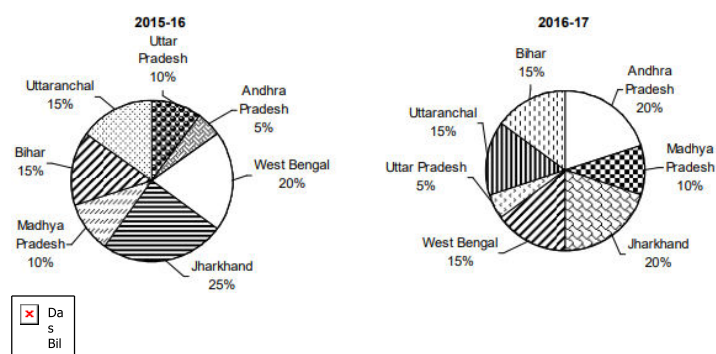- Correct Answer : Option 2

Question : 6

If 1st April 1963 was a Monday, then which day of the week will 1st August 1959
be?

(A) Wednesday   (B) Monday   (C) Tuesday   (D) Thursday   (E) Saturday

- Correct Answer : Option 5

Question : 7

These questions are based on the following pie charts. The pie charts give the percentage distribution of iron ore produced in India in 2015-16 and 2016-17.

Total =720 millions Tonnes   Total = 1080 millions Tonnes

In each of 2015-16 and 2016-17, 40% of the total iron ore production is exported. What is the percentage increase in the iron ore exported from 2015-16 to 2016-17?

 (A) 25%   (B) 10%   (C) 50%   (D) 75%

- Correct Answer : Option 3

Question : 8

From her house, Shriya travels 8 km towards south. She then turns right and travels 12 km. She again travels 8 km to her left. How far is she from the house (in km)?

 (A) 25   (B) 20   (C) > 30   (D) ≥ 40

- Correct Answer : Option 2

Question : 9

. Pipe A can fill an empty tank in 9 hours. Pipe B can empty a full thank in 18 hours. If both pipes are opened simultaneously when the tank is empty, find the time taken to fill the tank. (in hours)

 (A) 24   (B) 27   (C) 18   (D) 36

- Correct Answer : Option 3

Question : 10

P and Q can complete a job in 12 days. Q and R can complete it in 20 days. R and P can complete it in 15 days. Find the time taken by P, Q and R working together, to complete it.

(A) 10 days   (B) 20 days (C) 5 days   (D) 8 days

- Correct Answer : Option 1

Question : 11

Two friends P and Q started walking towards each starting from points A and B respectively, which are 200 km apart. On a straight road P traveled for 30 km on road and stopped. Q travelled for 70 km, and took a left turn and traveled 20 km. Then he took a right turn and traveled 45 km and then turned to the main road and reached it. What is the distance, in km, between the friends now?

(A) 45   (B) 55   (C) 65   (D) 75

- Correct Answer : Option 2

Question : 12

Each question below has four groups of three statements each. Read the statements carefully and identify the group / groups where the third statement logically follows the first two statements in the group.

(P) All P are A. Some A are B. Some P are B.

(Q) No C is a T. All T are B. No C is a B.

(R) Some P are T. All T are M. Some M are P.

(S) No M is P. All W are P. No M is a W.

(A) P and R   (B) R and S   (C) P and S   (D) None of these

- Correct Answer : Option 2


Question : 13

A school has 2000 students, out of which 40% of the students are in higher secondary. Out of the students in the higher secondary, 28% are girls and 50% of them passed. The overall pass percentage in the higher secondary is 40%. How many boys passed?

(A) 208   (B) 320   (C) 200   (D) 96

- Correct Answer : Option 1

Question : 14

These questions are based on the following pie charts. The pie charts give the percentage distribution of iron ore produced in India in 2015-16 and 2016-17.
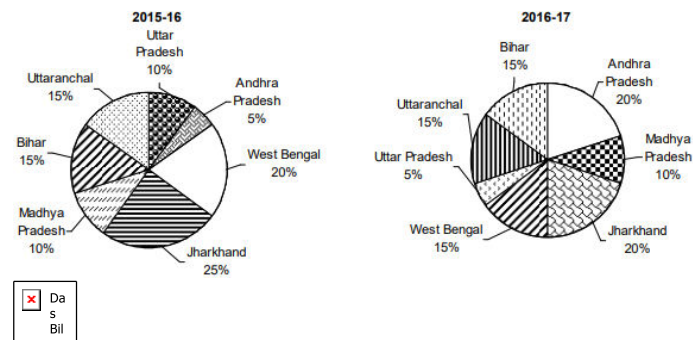
Total =720 millions Tonnes   Total = 1080 millions Tonnes

From 2015-16 to 2016-17, which of the following states showed the minimum percentage increase in the iron ore production?

(A) Uttar Pradesh   (B) West Bengal   (C) Madhya Pradesh   (D) Jharkhand

- Correct Answer : Option 2

Question : 15

If 1st January 2012 is a Sunday, then which day of the week will the new year be celebrated in 2016?

(A) Friday   (B) Sunday   (C) Wednesday   (D) Saturday

- Correct Answer : Option 1

Question : 16

Use the relations defined below and answer the following questions.

 A + B means A is the mother of B.

 A − B means A is the sister of B.

 A × B means A is the father of B.

 A ÷ B means A is the son of B.

 A = B means A is the brother of B.

 A ≠ B means A is the daughter of B.

Which of the following means C is the grandfather of both D and E?

 (A) C × A ÷ D − E

(B) C + A + D ≠ E

(C) C ÷ A ≠ D = E

(D) C × A × D − E

- Correct Answer : Option 4

Question : 17

It takes 3 hours to fill a tank but due to a leakage it takes 4 hours. How long would the leak take to empty a full tank?

(A) 14 hours   (B) 16 hours   (C) 10 hours   (D) 12 hours

- Correct Answer : Option 4

Question : 18

A shopkeeper always weighs 20% less than the correct weight. One day, he weighed 20% more than the quantity usually weighed by him. If the profit on the correct weight is 20%, what is the effective percentage of profit in this transaction?

(A) 10%   (B) 25%   (C) 20%   (D) 15%

- Correct Answer : Option 2

Question : 19

Use the relations defined below and answer the following questions.

A + B means A is the mother of B.

A − B means A is the sister of B.

A × B means A is the father of B.

A ÷ B means A is the son of B.

A = B means A is the brother of B.

A ≠ B means A is the daughter of B.

Which of the following means I is the mother of L?

(A) I + B − C ≠ D × L

(B) I $\neq$ B + C × L
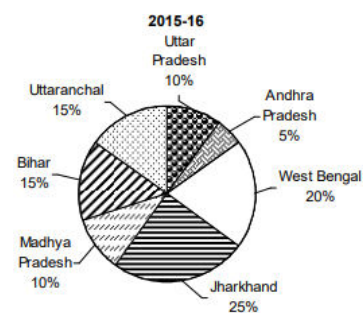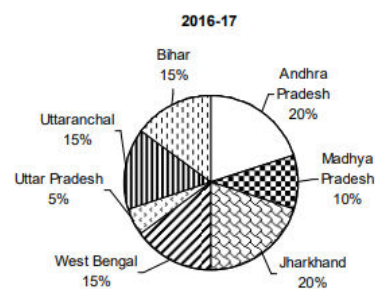
(C) I + B × C $\neq$ D − L

 (D) I + B − C × L

- Correct Answer : Option 1

Question : 20

These questions are based on the following pie charts. The pie charts give the percentage distribution of iron ore produced in India in 2015-16 and 2016-17.

2015-16	**2016-17**
Total =720 millions Tonnes	Total = 1080 millions Tonnes

In the pie chart for 2016-17, only 50% of the iron ore produced in West Bengal was included, and if a new pie chart is drawn after correcting this, all other values remaining the same, then what percentage of the total iron ore produced in India was produced in West Bengal?

(A) 18%   (B) 22%   (C) 26%   (D) 28%

- Correct Answer : Option 4

Question : 1

A sum amounts to Rs. 882 in 2 years at 5% compound interest. The sum is?

A. Rs. 800   **B. Rs. 822**   **C. Rs. 840**   **D. Rs. 816**

- Correct Answer : Option 1

Question : 2

A shopkeeper claims that he is selling sugar at Rs 12/kg which cost him Rs15/kg but he is giving 800gm instead of 1000gm. What is his percentage profit or loss?

A. no profit no loss   **B. 15% loss**   **C. 15% profit**   **D. Cannot be determined**

- Correct Answer : Option 1

Question : 3

A tree increases annually by 1⁄5 th of its height. If its height today is 100 cm, what will be the height after 2 years?

A. 164 cm   **B. 144 cm**   **C. 166 cm**   **D. 184 cm**

- Correct Answer : Option 2

Question : 4

Find the unit digit of $(287^{545} * 254^{124}) * (122^{122} + 124^{255})$?

A] 4   **B] 6**   **C] 1**   **D] 3**

- Correct Answer : Option 2

Question : 5

A man sells 350 mangoes at the cost price of 400 mangoes. His gain percent is?

A. 14.28%   **B. 33.33%**   **C. 35%**   **D. 15%**

- Correct Answer : Option 1

Question : 6

Find the remainder when (62^88)/7

A. 1   B. 2   C. 0   D. cannot be determine

- Correct Answer : Option 1

Question : 7

If the cost of 40 articles is equal to the selling of 20 articles, find the profit percent?

A. 100   **B. 50**   **C. 45**   **D. 55**

- Correct Answer : Option 1

Question : 8

Find the sum of the last two digits of $(89^{82} * 124^{761})$?

A] 3   **B] 4**   **C] 8**   **D] 0**

- Correct Answer : Option 2

Question : 9

Find the last two digit of $274^{256} * 197^{184}$?

A] 76   **B] 51**   **C] 56**   **D] 21**

- Correct Answer : Option 3

Question : 10

The average age of 40 students of a class is 18 years. When 40 new students are admitted to the same class the average age of the class is increased by 6 months. The average age of the newly admitted students is?

A. 19 years   B. 19 Years 6 months   C. 18 Years   D. 20 years 2 months

- Correct Answer : Option 1

 Dipin's score is 15% more than that of Rafi. Rafi's score is 10% less than that of Chandar. If the difference between the scores of Dipin and Chandar is 28, what is the score of Rafi?

A. 480   B. 720   C. 360   D. 780

- Correct Answer : Option 2

Which of the following number is divisible by 72?

A] 98742000   B] 12545210   C] 925687964   D] 904669632

- Correct Answer : Option 4

Find the difference of the last two digit of $(239^{122} * 126^{840})$?

A] 8   B] 6   C] 4   D] 3

- Correct Answer : Option 4

Find the number of trailing zeros in $(125! + 50!)$?

A] 43   B] 31   C] 12   D] 6

- Correct Answer : Option 3

Find the unit digit of $(54^{245} + 788^{758}) * (125^{125} + 542^{254})$?

A] 1   B] 2   C] 4   D] 8

- Correct Answer : Option 2

Find the remainder when 2*(8^90)/7

A. 1   B. 2   C. 0   D. cannot be determine

- Correct Answer : Option 2

Question : 17

A man invests Rs.10000 for 2 years at 5% p.a. compound interest reckoned yearly. Income tax at the rate of 20% on the interest earned is deducted at the end of each year. Find the amount at the end of the second year?

A. Rs. 10816   B. Rs. 11892   C. Rs. 11634   D. Rs. 11976

- Correct Answer : Option 1

Question : 18

Find the number of odd factors of 4200?

A] 6   B] 12   C] 16   D] 10

- Correct Answer : Option 2

Question : 19

Find the product of factors of 232?

A] 232^8 B] 232^3 C] 232^4 D] 232^6

- Correct Answer : Option 3

Question : 20

Revenue generated by A company is of Rs. 2500 in 2010. This was 25% of its gross revenue. In 2011, the gross revenue grew by Rs. 2500. What is the percentage increase in the revenue in 2011(Assume no change in the proportion of revenue in gross revenue)?

A. 12.5%   B. 20%   C. 25%   D. 50%

- Correct Answer : Option 3

Question : 1

A sum was invested at simple interest. At the end of four years, the total interest was equal to the sum. At the end of five years the total interest was `12500. Find the interest on the sum at the end of three years (in `).

(A) 6000 (B) 7500 (C) 9000 (D) 4500

- Correct Answer : Option 2

Question : 2

The ratio of the incomes of A and B is 4 : 3. The ratio of the savings of A and B is 5 : 6. Find the ratio of the expenditures of A and B, if A spends three-fourth of his income.

(A) 3 : 2 (B) 5 : 3 (C) 3 : 5 (D) 2 : 3

- Correct Answer : Option 2

Question : 3

Each question contains six statements followed by four sets of combinations of three. Choose the set in which the statements are logically related.

(L) All poets are authors.

 (M) Some poets are writers.

 (N) All authors are novelists.

 (P) No novelist is a poet.

 (Q) Some writers are novelists.

 (R) No poet is an author.

(A) NPR (B) LRN (C) LPN (D) PMQ

- Correct Answer : Option 1

Question : 4

Rahul traveled 6 km towards north and then turned left and moved a distance of 3 km. From there, he turned left and moved a further distance of 2 km. How far is he from the starting point?

(A) 3 km (B) 4 km (C) 5 km (D) 6 km

- Correct Answer : Option 3

Question : 5

Find the last two digit of 964^296 * 393^187?

A] 76   **B] 56**   **C] 52**   **D] 21**

- Correct Answer : Option 3

Question : 6

Puneet borrows 32000 from Jalpesh at 10% simple interest. He lends it to Govinda at 20% compound interest. How much more would Puneet have gained, if Govinda had returned the amount in three years instead of two years?

 (A) 5016 (B) 7016 (C) 6016 (D) 4016

- Correct Answer : Option 3

Given Answer : Not Attmpted

-

Question : 7

Find the number of trailing zeros in (185! + 140!)?

A] 42   **B] 34**   **C] 12**   **D] 6**

- Correct Answer : Option 2

Question : 8

Statements:

All goats are kings.
No Kings is tiger.
Some tigers are rats.

Conclusions:

I. Some rats are goats.
II. No rats is goat.

A] Only Conclusion I follows   B] Only Conclusion II
follows
C] Either Conclusion I or conclusion II follows   D] Neither Conclusion I nor II
follows

- Correct Answer : Option 3

Question : 9

A is twice B and B is 200% more than C. By what percent is A more than C?
A. 50%   B. 30%   C. 500%   D. 600%

- Correct Answer : Option 3

Question : 10

Find the remainder when 10^1 + 10^2 +10^3 + 10^4 + − − − − − − + 10^100   is divided by 3?

A] 2   B] 6   C] 1   D] 4

- Correct Answer : Option 3

Question : 11

If 50% of (x-y) = 30% of (x+y) then what percent of x is y?
A. 33%   B. 30%   C. 25%   D. 23%

- Correct Answer : Option 3

Question : 12

In a college of total strength 1000, 30% of the students are girls. There are 600 PGs and 120 more male UGs than female UGs. What percent of the males are the female UGs?

(A) 20% (B) 15% (C) 25% (D) 10%

- Correct Answer : Option 1

Question : 13

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

Statements:
Some cows are carnivores.
Some carnivores are herbivores.
Some herbivores are adhesives.

Conclusions:

I. Some cows are herbivores.
II. Some carnivores are adhesives.
III. Some adhesives are herbivores.
IV. Some adhesives are carnivores.

A] Only III   B] Only I   C] Only II   D] Only IV

- Correct Answer : Option 1

Question : 14

Find the number of odd factors of 4096?

A] 5   **B] 1**   **C] 3**   **D] 2**

- Correct Answer : Option 2

Question : 15

Some gold are gems.
All gems are diamonds.
No diamond is stone.
Some stones are corals.

Conclusions:
I. Some stones are gold.
II. Some corals are diamonds
III. No coral is gold.

A] Only Conclusion I follow   B] Only Conclusion II follows
C] Only Conclusion III follows   D] All follows
E] None follows

- Correct Answer : Option 5

Question : 16

Arun got 30% of the maximum marks in an examination and failed by 10 marks. However, Sujith who took the same examination got 40% of the total marks and got 15 marks more than the passing marks. What were the passing marks in the examination?

A. 90   B. 250   C. 75   D. 85

- Correct Answer : Option 4

Question : 17

Laxman travels 7 km towards south and then 5 km towards his left. He further travels 5 km towards south. How far is he from the starting point?

(A) 13 km (B) 9 km (C) 149 km (D) 119 km (E) 22 km

- Correct Answer : Option 1

Question : 18

Find the difference in the number of trailing zeros of 110! and 99?

A] 5   **B] 4**   **C] 3**   **D] 2**

- Correct Answer : Option 2

Question : 19

Find the remainder when 42^880 is divided by 17?

A] 5   **B] 1**   **C] 0**   **D] 4**

- Correct Answer : Option 2

Question : 20

P is six times as large as Q. The per cent that Q is less than P is?

A. 88 1/3%   B. 16 2/3%   C. 90%   D. 60%

- Correct Answer : Option 1

Question : 21

Each question contains six statements followed by four sets of combinations of three. Choose the set in which the statements are logically related.

(L) Every year is a leap year.

(M) No leap year is a non leap year.

(N) All years are good.

(P) Some non leap years are not good.

(Q) Some leap years are good.

(R) Some non leap years are years.

(A) LMR (B) NLQ (C) PNR (D) PNL

- Correct Answer : Option 2

Question : 22

Statements:
Some pens are Pencils
Some Pencils are locks
All locks are cards
No card is a paper

Conclusions:
I. No lock is paper.
II. Some cards are Pencils
III. Some Pencils are not paper.

A] Only Conclusion I follow   B] Only Conclusion II follows
C] Only Conclusion III follows   D] All follows

- Correct Answer : Option 4

Question : 23

If the cost price is 96% of selling price then what is the profit %?
A. 3.13   B. 2.45   C. 2.34   D. 4.17

- Correct Answer : Option 4

Question : 24

A sum of money becomes ten times itself at simple interest. If the time period (in years) is numerically equal to the rate of interest, find the annual rate of interest.

(A) 25% (B) 20% (C) 30% (D) 90%

Question : 25

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

Statements:
Some bikes are superbikes.
All the boxes are superbikes.
All the pens are bikes.

Conclusions:

I. Some bikes are boxes.
II. No pen is jeep.
III. Some boxes are bikes.

A] None of three   B] Only I and II   C] Only I and III   D] Only II and III

Question : 1

A person walks 4 km towards west, then turns to his right to travel 9 km. He turns towards east and travels 12 km. Finally, he travels 3 km towards south. How far is he from the initial position (in km)?

(A) 15   (B) 23   (C) 18   (D) 10

- Correct Answer : Option 4

Question : 2

Two solutions of sulphuric acid are mixed in the ratio 2 : 3. The concentrations of sulphuric acid in the first and second solutions are 10% and 20% respectively. Find the concentration of sulphuric acid in the final mixture.

(A) 16%   (B) 14%   (C) 12%   (D) 18%

- Correct Answer : Option 1

Question : 3

Find the difference in the number of factors of 2040 and 1050?

A] 24   B] 8   C] 10   D] 15

- Correct Answer : Option 2

Question : 4

A sum becomes 84% more in seven years when invested at simple interest. Find the annual rate of interest.

(A) 28%   (B) 24%   (C) 12%   (D) 18%

- Correct Answer : Option 3

Question : 5

Statements:
M are J.

All J are T.
All T are K

Conclusion:

I. All J are K
II. All T are M
III. All M are K
IV. All K are J

A. Only I and II follow   B. Only I and III follow   C. Only II and III follow   D. All follow

- Correct Answer : Option 2

Question : 6

Statement
Some S are G
Some G are D

CONCLUSIONS:
(I) Some S are not D

(II)Some G are not D

A. If only conclusion (i) follows   B. If only conclusion (ii) follows
C. If either (i) or (ii) follows   D. If neither (i) nor (ii) follows

- Correct Answer : Option 4

Question : 7

A sum of money becomes four times itself in eight years at compound interest. In how many years will the same sum become sixteen times itself?

(A) 64   (B) 32   (C) 44   (D) 16

- Correct Answer : Option 4

Question : 8

Find the number of even factors of 2482?

A] 4   B] 5   C] 2   D]1

- Correct Answer : Option 4

Question : 9

The denominator of a fraction is two more than its numerator. If one is added to the denominator, the fraction becomes 3/4. Find the fraction.

(A) 7/9   (B) 5/7   (C) 11/13   (D) 9/11

- Correct Answer : Option 4

Question : 10

The average age of a class of twenty students is 15 years. The average increases by three years, if the age of a teacher is included. What is the age of the teacher?

(A) 68 years   (B) 86 years   (C) 78 years   (D) 87 years

- Correct Answer : Option 3

Question : 11

Find the last two digit of 284^296 * 283^187?

A] 72   B] 56   C] 92   D] 21

- Correct Answer : Option 3

Question : 12

Statements:
All the C are B.
Some A are B.

Conclusions:
I. All the C are A.
II. Some A are C.

A] Only (I) conclusion follows   B] Only (II) conclusion follows
C] either (I) or (II) follows   D] Neither (I) nor (II) follow

- Correct Answer : Option 4

Question : 13

What is the remainder when 3! + …. + 100! is divided by 5 ?

A] 5   B] 1   C] 0   D] 2

Question : 14

How is my father's mother's only daughter-in- law's sister related to me?

(A) Aunt   (B) Sister   (C) Cousin   (D) Niece

Question : 15

Mr. Kale travels 5 km towards west, turns left and travels 3 km and then travels another 5 km towards south. He then turns right and travels 1 km to reach a church. How far is the church from his starting position, in kilometers?

(A) 8   (B) 10   (C) 12   (D) 14

Question : 16

Statements:
All the L are K.
All the K are B.
Some W are B.

Conclusions:

I. Some B are L.
II. Some W are K.
III. All the K are L.

A] Only I and II   B] Only I   C] Only II   D] Only I and III

Question : 17

A person who is the husband of my son's sister is my

(A) Nephew   (B) Son-in-law   (C) Son   (D) Brother

Question : 18

Find the number of Trailing Zeros in $(195! + 60!)$?

A] 79   B] 75   C] 32   D] 14

- Correct Answer : Option 4

Question : 19

Find the number of odd factors of 2048?

A] 5   B] 1   C] 3   D] 2

- Correct Answer : Option 2

Question : 20

A housewife, with a given amount, can buy either 10 apples or 15 oranges or 2 watermelons. Find the maximum number of oranges which she can buy with six times the initial amount such that she gets each of the three varieties of fruits.

 (A) 75   (B) 81   (C) 60   (D) 72

- Correct Answer : Option 2

Question : 1

Among the years in which the imports as well as exports exceeded those in the previous years, in how many years was the percentage increase in imports less than the percentage increase in exports?

 (A) 0   (B) 1   (C) 2   (D) 3

- Correct Answer : Option 1

Question : 2

In how many of the given years were the exports at least 10% more than the imports?

 (A) 0   (B) 1   (C) 2   (D) 3

- Correct Answer : Option 3

Question : 3

From 1995 to 1999, in which year was the percentage growth in exports, when compared to the previous year, the highest?

(A) 1995   (B) 1996 (C) 1997   (D) 1998

- Correct Answer : Option 1

Question : 4

What were the average exports for the given period (in '000 crores)?

 (A) 145 (B) 132   (C) 126   (D) 119

- Correct Answer : Option 2

Question : 5

What is the simple average annual growth rate in the imports from 1994 to 1999?

 (A) 15   (B) 23   (C) 18   (D) 19

- Correct Answer : Option 2

Question : 6

What is the remainder when $1! + 2! + 1! \times 2! \times 3! \times \ldots \times 15!$ is divided by 5?

A] 0   B] 4   C] 3   D] 2

- Correct Answer : Option 3

Question : 7

In a test, the pass percentage was 35%. A student who wrote it got 230 marks and failed by 15 marks. Find the maximum mark in it.

(A) 700   (B) 630   (C) 770   (D) 840

- Correct Answer : Option 1

Question : 8

Statements:
Some pens are Pencils
Some Pencils are locks
All locks are cards
No card is a paper

Conclusions:
I. No lock is paper.
II. Some cards are Pencils
III. Some Pencils are not paper.

A] Only Conclusion I follow   B] Only Conclusion II follows
C] Only Conclusion III follows   D] All follows
E] None follows

- Correct Answer : Option 4

Question : 9

Study the given information carefully to answer the given questions.

In a certain code language,

'committee to analysis exams' is written as 'es fr re pt',

'analysis gathering in evening' is written as 'ch ba mo fr',

'gathering to nominate persons' is written as 're dv ch gi' and

'nominate chairman in analysis' is written as 'mo gi fr yu'.

In the given code language, what does the code 'pt' stand for?

(a) nominate

(b) Either 'exams' or 'committee'

(c) evening

(d) analysis

- Correct Answer : Option 2

Question : 10

The price of a TV is increased by 20%. By what percent must it be decreased to bring it back to the original price?

 (A) 25%   (B) 20%   (C) 16(2/3)%   (D) 15%

- Correct Answer : Option 3

Question : 11

Study the given information carefully to answer the given questions.

In a certain code language,

'committee to analysis exams' is written as 'es fr re pt',

'analysis gathering in evening' is written as 'ch ba mo fr',

'gathering to nominate persons' is written as 're dv ch gi' and

'nominate chairman in analysis' is written as 'mo gi fr yu'.

Q. What is the code for 'evening' in the given code language?

(a) mo

(b) yu

(c) ch

(d) Other than those given as options

(e) ba

- Correct Answer : Option 5

Question : 12

Ram says to a lady, "Your father is the father in law of my father's only child." How is the lady related to the Ram?

(a) Sister-in-law

(b) Granddaughter

(c) Wife

(d) Daughter

- Correct Answer : Option 3

Question : 13

Find the unit digit of the product of all the prime numbers from 2 to 15^15

A. 5   B. 7   C. 0   D 9

- Correct Answer : Option 3

Question : 14

Each of the following questions consists of six statements followed by several options consisting of three statements put together in a specific order. Choose the option which indicates a valid argument in which the third statement is a conclusion drawn from the preceding two statements.

(L) All gems are diamonds.

(M) Some diamonds are not sapphires.

(N) Some rubies do not glitter.

(P) Some rubies are gems.

(Q) No gem is a sapphire.

(R) Some sapphires are not rubies.

(A) PQN   (B) LQM   (C) PQR   (D) NPQ

- Correct Answer : Option 2

Question : 15

Statements:

All goats are kings.
No Kings is tiger.
Some tigers are rats.

Conclusions:

I. Some rats are goats.
II. No rats is goat.

A] Only Conclusion I follows   B] Only Conclusion II follows
C] Either Conclusion I or conclusion II follows   D] Neither Conclusion I nor II follows
E] Both follows

- Correct Answer : Option 3

Question : 16

Each question below has four groups of three statements each. Read the statements carefully and identify the group / groups where the third statement logically follows the first two statements in the group.

(P) Some leaves are not petals. No plant is a petal. Some leaves are plants.

(Q) Some novels are dictionaries. All dictionaries are diaries. Some diaries are novels.

(R) Some loans are big. All investments are big. Some loans are investments.

(S) All teachers are hardworking. All hardworking are intelligent. Some teachers are intelligent.

(A) P and Q   (B) Q and R   (C) P and S   (D) Q and S

- Correct Answer : Option 4

Question : 17

Find the number of even factors of 1555?

A] 4   B] 0   C] 2   D] 1

Question : 18

A student secured 80% of the total marks and got 720 marks. How many marks did a student who scored 90% get?

(A) 750   (B) 1000   (C) 810   (D) 900

Question : 19

Exactly one of these integers is a prime. which one is it ?

A. 10! +7   B. 20! + 17   C. 29! +29   D. 20! + 29

Question : 20

Some gold are gems.
All gems are diamonds.
No diamond is stone.
Some stones are corals.

Conclusions:
I. Some stones are gold.
II. Some corals are diamonds
III. No coral is gold.

A] Only Conclusion I follow   B] Only Conclusion II follows
C] Only Conclusion III follows   D] All follows
E] None follows

Question : 1

These questions are based on the information given below. The bar graph gives the percentage increase in the sales of four companies – P, Q, R and S in four years from 2013 to 2016, when compared to the corresponding previous year.
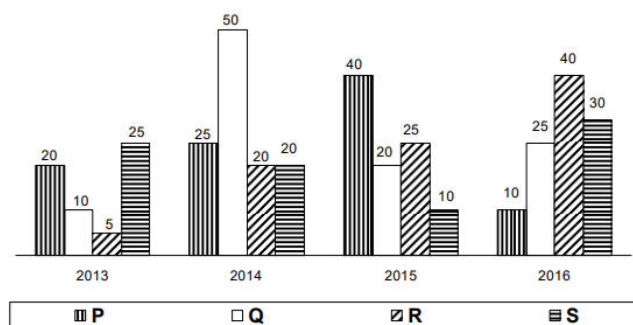

Which of the following companies had the highest percentage increase in sales from 2013 to 2016?
(A) P   (B) Q   (C) R   (D) S

- Correct Answer : Option 2

Question : 2

These questions are based on the information given below. The bar graph gives the percentage increase in the sales of four companies – P, Q, R and S in four years from 2013 to 2016, when compared to the corresponding previous year.
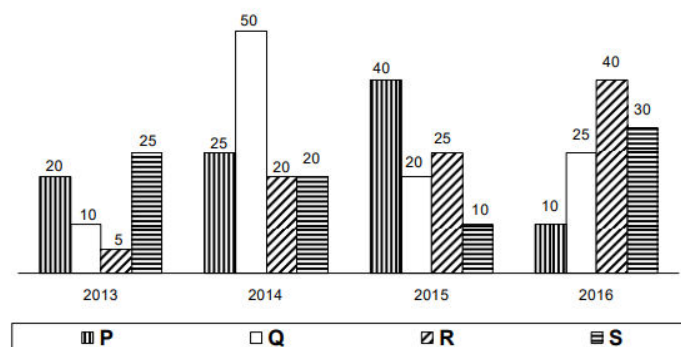
If the ratio of the sales of P and S in the year 2012 was 2 : 1, then what was the ratio of their sales in 2016?

(A) 40 : 27   (B) 42 : 25   (C) 39 : 21   (D) 28 : 13

- Correct Answer : Option 4

Question : 3

These questions are based on the information given below. The bar graph gives the percentage increase in the sales of four companies – P, Q, R and S in four years from 2013 to 2016, when compared to the corresponding previous year.
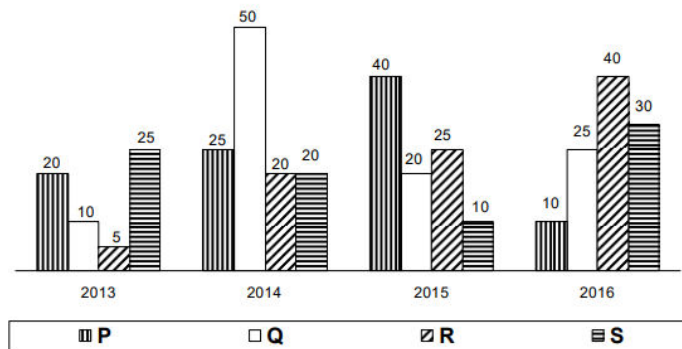

If the sales of company R in 2013 were `120 crores, then what were its sales (in ` crores) in 2015?
(A) 160   (B) 172   (C) 180   (D) 192

- Correct Answer : Option 3

Question : 4

These questions are based on the information given below. The bar graph gives the percentage increase in the sales of four companies – P, Q, R and S in four years from 2013 to 2016, when compared to the corresponding previous year.
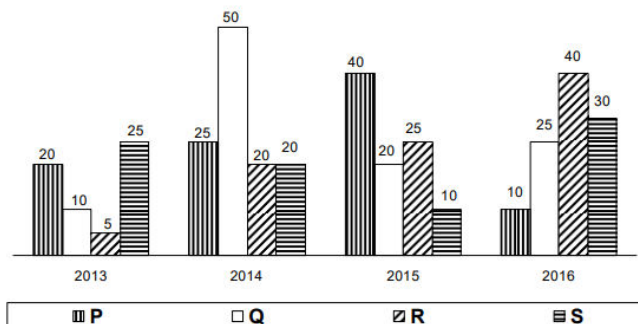

If the ratio of the sales of companies Q and R in 2012 was 1 : 2, then by what percentage should the sales of company Q grow in 2017, when compared to that in 2016, for the sales of company Q in 2017 to be equal to that of company R in 2016.

(A) 62   (B) 70   (C) 78   (D) 85

- Correct Answer : Option 3

Question : 5

These questions are based on the information given below. The bar graph gives the percentage increase in the sales of four companies – P, Q, R and S in four years from 2013 to 2016, when compared to the corresponding previous year.
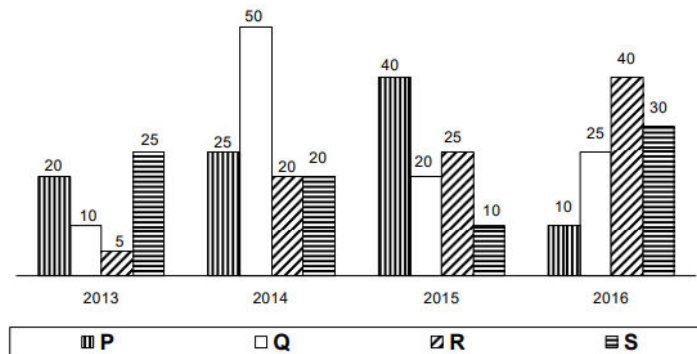
If the expenses of company R in the year 2013 were 60% of its sales and the expenses increased by 100% from 2013 to 2016, then its profits in 2016, when compared to that in 2013 were _____.

(A) Higher   (B) Lower   (C) Equal   (D) Either (A) or (C)

- Correct Answer : Option 1

Question : 6

In a public sector unit (PSU), there are 45600 employees. When the PSU offered a voluntary retirement scheme (VRS), 40% of the employees applied for the VRS. After scrutinizing, the PSU has rejected 15% of the applications. But only 9120 employees took the retirement through the scheme. What percentage of the total number of employees did not take retirement even though their applications are not rejected?

 (A) 25%   (B) 14%   (C) 24%   (D) 12.75%

- Correct Answer : Option 2

Question : 7

In an election among three contestants P, Q and R, P gets 120% more votes than Q. P beats R by 3,50,000 votes. Q beats R by 5% of the total votes. Find the total number of votes polled (in lakhs).

(A) 12   (B) 10   (C) 9   (D) 11

- Correct Answer : Option 2

`10000 was lent at compound interest, interest being compounded annually for 3 years. The annual rates of interest for the first, second and third years were 10%, 20% and 30% respectively. If it was instead, lent at 20% p.a. simple interest for the same time, how much more / less interest would be realized?

(A) ` 530 more (B) `530 less (C) `1160 more (D) `1160 less

- Correct Answer : Option 4

In a certain code language, if the word FANTASTIC is coded as SMZEBDJUT, then how is the word DIRECTION coded in that language?

(A) EHQDDUJPO (B) DQHCDOPJU (C) DQHEUJPOD (D) DOPJUDQHE

- Correct Answer : Option 2

Each question below has four groups of three statements each. Read the statements carefully and identify the group / groups where the third statement logically follows the first two statements in the group.

(L) Some batsmen are bowlers.

(M) No bowler is an umpire.

(N) All bowlers are fielders.

(P) No batsman is an umpire.

(Q) Some fielders are umpires.

(R) Some batsmen are fielders.

(A) MNQ (B) QRP (C) NLR (D) PML

- Correct Answer : Option 2

How is my mother's mother's only son-in-law's sister related to me?

(A) Mother-in-law (B) Sister (C) Aunt (D) Mother

Question : 12

Sruthi travels 7 km towards east then travels 25 km south. She then travels 10 km towards east and then travels 6 km towards her right. After this she travels 3 km towards west and stops. How far is she from starting point in vertical direction, in kilometers?

(A) 30   (B) 31   (C) 32   (D) 33

Question : 13

A person starts from a point A, travels 3 km towards north, then turns right and travels 4 km and then travels 6 km towards south. He then turns right and travels 4 km. Finally, he travels 3 km towards north. How far is he from the starting point, in kilometers?
(A) 12   (B) 13   (C) 5   (D) 0   (E) 26

Question : 14

Sanjana's brother-in-law is the son of Ramya. How is Sanjana's husband related to Ramya's husband if Sanjana had no siblings?

(A) Nephew (B) Son (C) Son-in-law (D) Father-in-law

Question : 15

In a certain code language, if MENTION = 49 and NEUROTIC = 64, then MARVELLOUS =?

(A) 81 (B) 88 (C) 64 (D) 121 (E) 100

Question : 16

Each question below has four groups of three statements each. Read the statements carefully and identify the group / groups where the third statement logically follows the first two statements in the group.

(P) All girls are beautiful. All who are beautiful are soft. All girls are soft.

(Q) Some deer are fast. No lion is fast. Some deer are not lions.

(R) Some plaits are long. All plaits are black. Some which are black are long.

(S) Some dreams are weird. All weird are girls. Some girls are dreams.

(A) P and Q (B) Q and R (C) R and S (D) All the statements

- Correct Answer : Option 2

Question : 17

Raj can build a wall in 18 days and Kiran can do the same in 30 days. After Raj had built half the wall, Kiran joins him. What is the total number of days taken to build the
wall?   (A) 24   (B) 145 /8   (C) 151
/2   (D) 161 /2

- Correct Answer : Option 2

Question : 18

P and Q can complete a piece of work in 20 days, Q and R in 15 days and P and R in 12 days. In how many days can P, Q and R respectively complete the work if they work
individually?   (A) 30, 60, 20   (B) 45, 60, 180   (C) 30, 45,
90   (D) 45, 60, 20

- Correct Answer : Option 1

Question : 19

If `3000 amounts to `3630 in two years under compound interest, interest being compounded annually, what is the annual rate of interest?

(A) 10% (B) 21% (C) 11% (D) 10.5%

- Correct Answer : Option 1

Question : 20

A works 4 times as fast as B. If B completes a job in 60 days, then in how many days can A and B together complete the same
job?   (A)
24   (B) 12   (C) 18   (D) 15

- Correct Answer : Option 2

Question : 1

20 Women can complete a piece of work in 15 days. One woman starts the work and after every day one more women joins the work and this continues till the work is completed. Then, in how many days will the work be completed?

A) 22 days   B) 300 days   C) 25 days   D) 10 days
E) None of these

- Correct Answer : Option 5

Question : 2

In a public sector unit (PSU), there are 45600 employees. When the PSU offered a voluntary retirement scheme (VRS), 40% of the employees applied for the VRS. After scrutinizing, the PSU has rejected 15% of the applications. But only 9120 employees took the retirement through the scheme. What percentage of the total number of employees did not take retirement even though their applications are not rejected?
(A) 25%   (B) 14%   (C) 24%   (D) 12.75%

- Correct Answer : Option 2

Question : 3

Read the statements carefully and answer the following questions.Which of the following expressions will be true if the expression 'K ≥ L > M ≥ N' is definitely true?
(a) N ≤ K   (b) K = M   (c) K < N   (d) L ≥ N

(e) None is true

- Correct Answer : Option 5

Question : 4

A certain job was assigned to a group of men to do it in 40 days. But 24 men did not turn up for the job and the remaining men did the job in 26 days. The original number of men in the group was
A] 39   B] 45   C] 29   D] 75
E] None of these

Question : 5

The success rate at one stage, of the Indian cricket team in Australia was 25% from 60 matches. If India lost the next 12 matches, what was the minimum number of total matches that were played if the overall success rate of India was 50%?

(A) 42   (B) 104   (C) 118   (D) 114

Question : 6

If `3000 amounts to `3600 in two years under simple interest. What is the rate of interest?

(A) 20% p.a   (B) 10% p.a   (C) 5% p.a   (D) None of these

Question : 7

Read the statements carefully and answer the following questions.

In which of the following expressions will the expression 'H < J' be definitely true?

(a) $G < H \geq I = J$ (b) $H > G \geq I = J$ (c) $J = I \geq G > H$ (d) $H \geq G > I < J$

Question : 8

Statements:
A few balloons are not toys.
All toys are bear.
No bear is wild.

Conclusions:
I. No wild is a toy.
II. No balloon is wild.

A) Only conclusion I is true
B) Only conclusions II is true
C) Both conclusion I and II are true
D) All conclusions follow
E) None of the above

- Correct Answer : Option 1

Question : 9

Each question below has four groups of three statements each. Read the statements carefully and identify the group / groups where the third statement logically follows the first two statements in the group.

(P) Some waters are clean. Some clothes are not clean. Some clothes are water.
(Q) All bread are jam. Some sauce is jam. Some bread are sauce.
(R) All food items are spicy. No curry is spicy. No curry is food.
(S) No tall person is handsome. Some who are dark are handsome. Some who are dark are not tall.

 (A) R and S   (B) P and R   (C) P and S   (D) Q and S

- Correct Answer : Option 1

Question : 10

Two men A and B working together complete a piece of work which it would have taken them 50 and 60 days respectively to complete if they worked separately. If they received a payment of Rs. 13200, B's share is
A] Rs. 8000   B] Rs. 6000   C] Rs. 1250   D] Rs. 7500
E] None of these

- Correct Answer : Option 2

Question : 11

If `3000 amounts to `3630 in two years under compound interest, interest being compounded annually, what is the annual rate of interest?

(A) 10%   (B) 21%   (C) 11%   (D) 10.5%

- Correct Answer : Option 1

Question : 12

Statements:
Some pens are keys
Some keys are locks
All locks are cards
No card is a paper

Conclusions:
I. No lock is paper.
II. Some cards are keys
III. Some keys are not paper.

A) Only conclusion I is true
B) Only conclusions II is true
C) Both conclusion I and II are true
D) All conclusions follow
E) None of the above

- Correct Answer : Option 4

Question : 13

A sum of money becomes four times itself in eight years at compound interest. In how many years will the same sum become sixteen times itself?

 (A) 64   (B) 32   (C) 44   (D) 16

- Correct Answer : Option 4

Question : 14

Read the statements carefully and answer the following questions.

Which of the following expressions will be true if the expression 'M $\geq$ K < T = Q' is definitely true?

(a) Q < K   (b) M $\geq$ T   (c) K <
Q   (d) T = M
(e) None is true

- Correct Answer : Option 3

Question : 15

Each question below has four groups of three statements each. Read the statements carefully and identify the group / groups where the third statement logically follows the first two statements in the group.

(P) No apple is a grape. All grapes are sour. No apple is sour.
(Q) All students are naughty. All girls are students. All girls are naughty.
(R) All boys are rough. All who are rough are free. All boys are free.
(S) Some clues are hard. No clue is tricky. Some which are hard are not tricky.

(A) P and R   (B) P and Q   (C) Q and R   (D) Q, R and S

- Correct Answer : Option 4

Question : 16

These questions are based on the information given below. The line graph gives the income and savings of a family in different years.
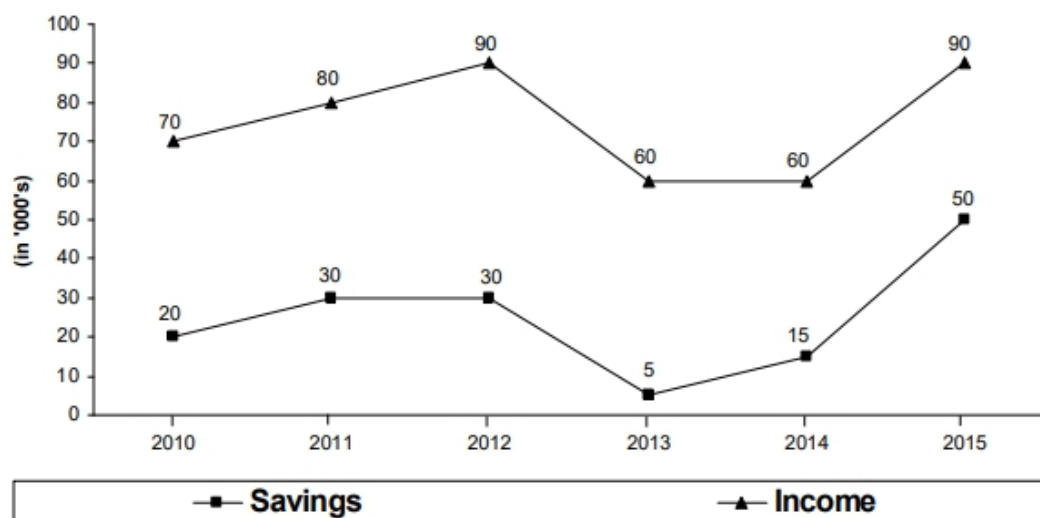
Savings = Income – Expenditure

Which of the following pairs show the same trend (increase, remain constant or decrease) in at least three of the given years?

(A) Income and savings (B) Income and expenses (C) Expenses and savings (D) All the above

- Correct Answer : Option 1

Question : 17

These questions are based on the information given below. The line graph gives the income and savings of a family in different years.
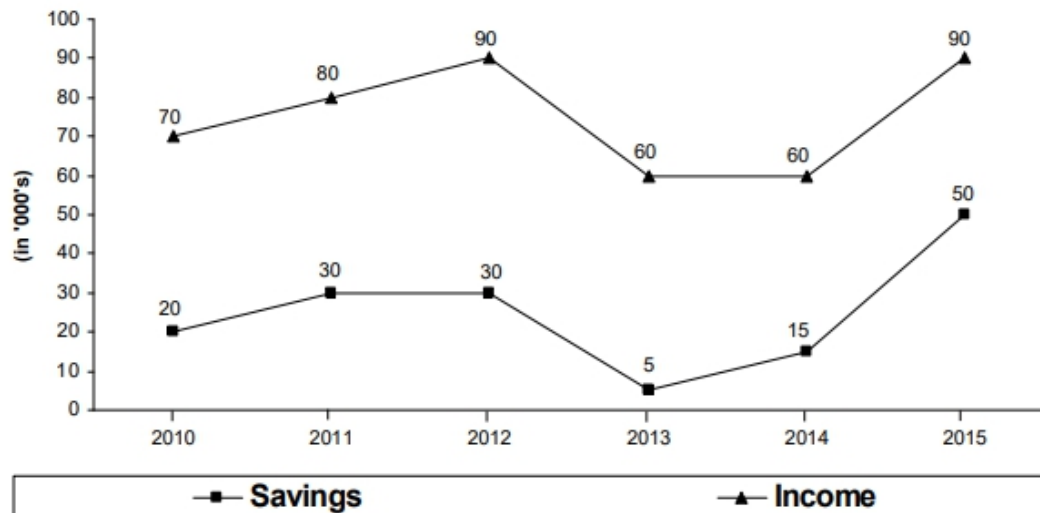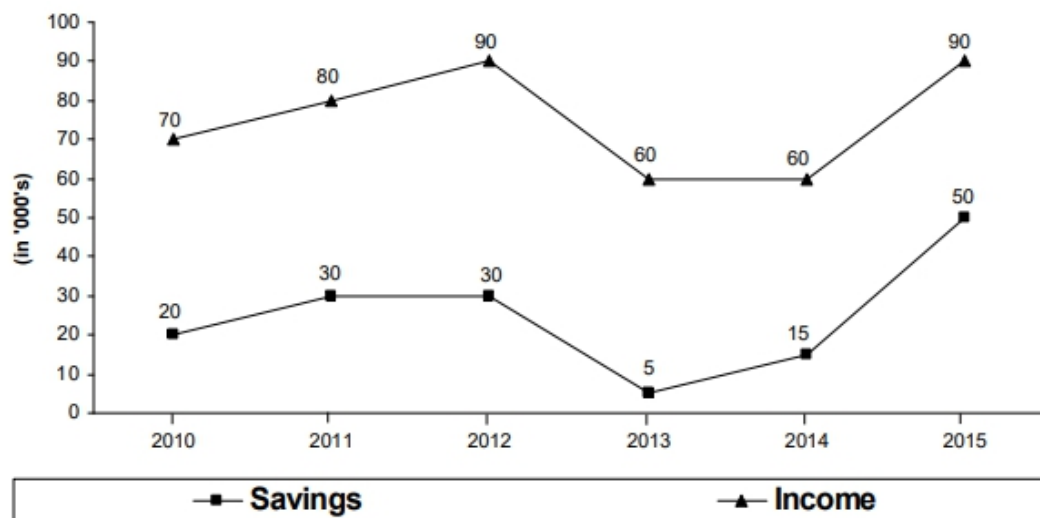

Savings = Income – Expenditure

During which year was the expenditure of the family the highest?

(A) 2010   (B) 2011   (C) 2012   (D) 2013

- Correct Answer : Option 3

Question : 18

These questions are based on the information given below. The line graph gives the income and savings of a family in different years.

Savings = Income – Expenditure

What percentage of the total income in the given period did the family save?

(A) 20%   (B) 25%   (C) % 33(1/3)%   (D) 40%

- Correct Answer : Option 3

Question : 19

These questions are based on the information given below. The line graph gives the income and savings of a family in different years.

Savings = Income – Expenditure

During which of the following years is the percentage decrease in expenditure, over the previous year, the highest?

(A) 2011   (B) 2013   (C) 2014   (D) 2015

- Correct Answer : Option 3

Question : 20

These questions are based on the information given below. The line graph gives the income and savings of a family in different years.
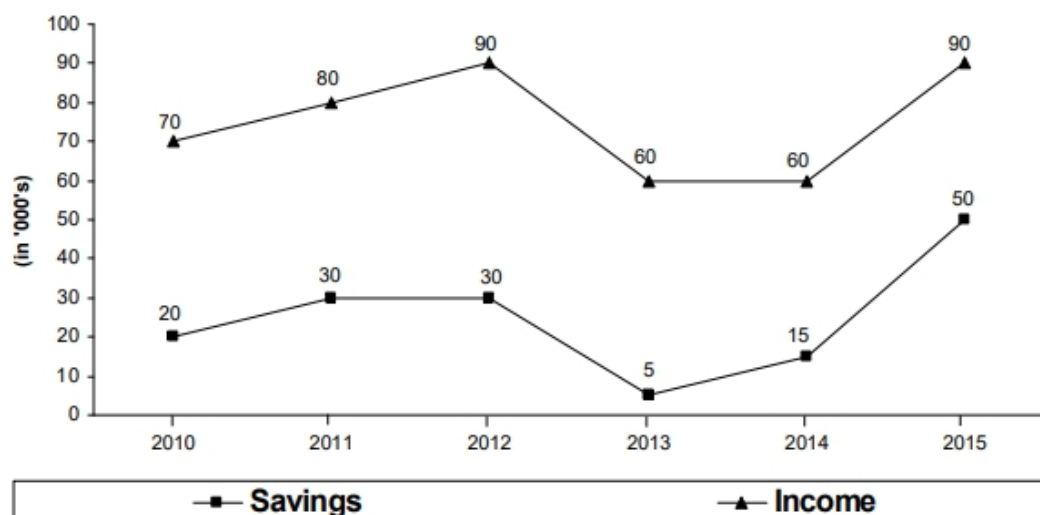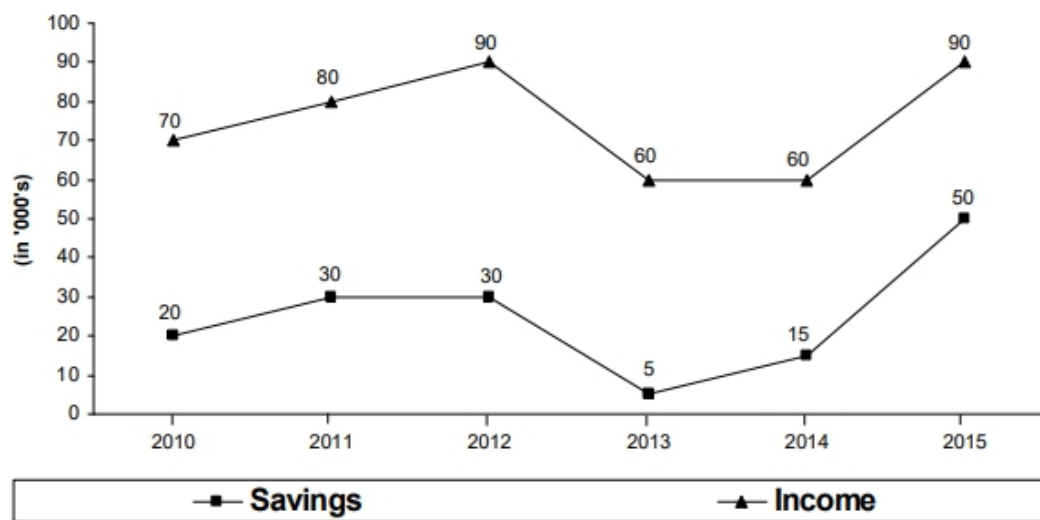

Savings = Income – Expenditure

What is the least ratio of income and savings of the family in any of the given years?

(A) 1.5   (B) 1.8   (C) 2   (D) 2.4

- Correct Answer : Option 2

SET-C

Soft Skills

Mid Term, Odd Sem Examination (2019-20)

Course- B.tech   **Year- II**

Branch- (All)

Time : 60 Min.   **M.M-20**

Instructions :

1. **Attempt all questions.**

2. **There will be no negative marking. Also, no marks will be awarded if more than one answer is marked.**

3. **The OMR form is printed on a special paper and the information given by the candidates will be scanned. Thus, the candidates are required to fill the forms carefully. Mutilated and damaged forms will be rejected by the scanner.**

4. **The candidates should ensure that the form is not folded, crumpled or mutilated in any manner. The candidates should not mark anything anywhere except wherever required. The black marks on the margin of the OMR form are important. The candidates should not tamper it with marker.**

5. **Only black& blue pen should be used to fill forms.**

6. **Each branch is identified with a specific subject code which should be written in subject column of OMR sheet**

7. **Write your University roll number in the roll no column of OMR sheet.**

   Name of Student:-…………………………………

   Branch:-…………………………………………….

   Section-…………………………………………...

   Uni. Roll No:…………………………………..   **All The Best**

Q1. A person bought some article at rate of 11 for Rs 10 and bought same number of articles at the rate of 9 for Rs 10. And sold all the stock at the rate of 1 for Rs 1. Find the profit or loss %.
A. 14.28   B. 2.02   C. 6.66   D. 22.22   E. None of these

Q2. A retail offers the following discount scheme for buyers on an articlE. Two successive discounts of 10% is equivalent to single discount of..............
A. 19   B. 16   C. 20   D. 22.22   E. None of these

Q3. Two shopkeepers announce the same price of Rs 700 for a shirt. The first offers successive discounts of 30% and 6% while the second offers successive discounts of 20% and 16%. The shopkeeper that offers better discount is more of
A. 12.4   B. 15   C. 13.6   D. 18   E. None of these

Q4. If selling price of 50 articles is same as cost price 75 articles find profit %.
A. 20   B.30   C.40   D.50   E. None of these

Q5. A businessman sells a commodity at 10% profit. If he had bought it at 10% less and sold it for Rs. 2 less, then he would have gained 50/3%. The cost price of the commodity is
A. Rs. 32   B. Rs. 36   C. Rs. 40   D. Rs. 48   E. None of these

Q6. Lalit marks up his goods by 40% and gives a discount of 10%. Apart from this, he uses a faulty balance also, which reads 1000 gm for 800 gm. What is his net profit percentage?
A. 45   B. 54.75%   C. 50%   D. 57.5%   E. None of these

Q7. Nandlal purchased 20 dozen notebooks at Rs48 per dozen. He sold 8 dozen at 10% profit and the remaining 12 dozen at 20% profit. What is his profit percentage in this transaction?
A. 16   B. 15   C. 10   D. 18   E. None of these

Q8. An articles is sold at 20% loss and another article is sold at 10% gain. find overall profit or loss% if Selling price of both the articles is samE.(approx)
 A. 4   B. 8   C. 10   D. 12   E. None of these

Q9. A shopkeeper offers 20% discount and still makes profit of 25%. Calculate the cost of article which has a marked price of Rs 200.
A. Rs. 130   B. Rs. 128   C. Rs. 125   D. Rs. 140
E. None of these

Q10. How many possible pairs of values of (x, y) exist such that the number 42xy60 is divisible by 72?.
A. 1   B. 3   C. 5   D. 7   E. None of these

Q11. If the number 3422213x2 is divisible by 12, find the no. of possible values of x
A. 2   B. 4   C. 5   D. 6   E. None of these

Q12. What will be the day of the week 15th August, 2010?
A.Sunday   B.Monday   C.Tuesday   D.Friday
E. None of these

Q13. Which of the following pair of years have same calendars?
I. 1973 &1979   II. 1974 &1985   III. 1900 & 1928
A.Only I   B. Only II   C.Only III   D.Both I & II
E. Both II & III

Q14.Which of the following can not be last day of 1900?
A.Monday   B.Tuesday   C.Wednesday   D. Friday
E. None of these

Q15. Kishan spends 30% of his salary on food and donates 3% in a Charitable Trust. He spends Rs. 2310 on these two items, then total salary for that month is
A. Rs 6000   B. Rs 8000   C. Rs 9000   D. Rs 7000
E. None of these

Q16. In an examination it is required to get 40% of the aggregate marks to pass. A student gets 522 marks and is declared failed by 4% marks. What are the maximum aggregate marks a student can get?
A. 1700   B. 1730   C. 1450   D. 1765   E. None of these

Q17. A box has 100 blue balls, 50 red balls and 50 black balls, 25% of blue balls and 50% of red balls are taken away. Then, percentage of black balls at present is
A. 25%   B. 40%   C. 33.33%   D. 50%   E. None of these

Q18. Two numbers are respectively 10% and 25% more than a third number. What per cent is the first number of the second?
A. 88%   B. 65%   C. 75%   D. 80%   E. None of these

Directions for questions 19 to 22: Read the following information carefully and then answer
"In a family there are 6 members A, B, C, D, E and F covering three generations. D has two daughters. A is the eldest member of the family and C is grandmother of E, B is mother of F"

Q19. Who is the youngest member of the family?
A. B   B. E   C. E & F   D. None of these

Q20. What is the related between E and F?
A. Husband -wife   B. Mother- daughter   C. Father -daughter
D. Sisiter-sister   E. None of these

Q21. Who is the wife of D?
A. B   B. E   C. F   D. None of these

Q22. How is A related to E?
A. Grand Father   B. Mother   C. Sister   D. Father
E. None of these

Directions (23-25): Following questions are based on the information provided below:
'**A × B**' means 'A is mother of B'.
'**A − B**' means 'A is brother of B'.
'**A + B**' means 'A is sister of B'.
'**A ÷ B**' means 'A is father of B'.

Q23. If the expression M × N + R ÷ T is true, then which of the following is true?
A. M is father of R   B. N is aunt of T   C. M is grandfather of T
D. T is sister of N   E. None of these

Q24. Which of the following means 'Q' is brother of 'T'?
A. Y ÷ Q − T + R   B. T ÷ Q − Y- R   C. T × M − R + Q
D. T + M ÷ Y + Q   E. None of these

Q25. If the expression M − Q − D ÷ F + C, then which of the following is true?
A. C is daughter of F   B. F is niece of C   C. C is sister of F
D. D is father of M   E. None of these

Q26. Pointing to a person, Aman said, "His only brother is the father of my daughter's father". How is the person related to Aman?
A. Nephew   B. Father   C. Uncle   D. Brother   E. None of these

Q27. Pointing to a photograph a lady tells Manav, " I am the only daughter of this lady and her son is your maternal uncle." How is the speaker related to Manav's father?
A. Father   B. Wife   C. Uncle   D. Son-in-law   E. None of these

Q28. At what time between 5.30 and 6 will the hands of a clock be at right angles?

A. $43\frac{5}{13}$ min. past 5   B. $43\frac{7}{11}$ min. past 5   C. 40 min. past 4

D. 45 min. past 5   E. None of these

Q29. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through

A. 140^0 B. 145^0 C. 155^0 D. 175^0 E. None of these

Q30. How many times are the hands of a clock at right angle in a day?

A. 24   B. 34   C. 44   D. 54   E. None of these

Q31. If Rs. 400 becomes Rs. 1000 in 20 years at simple interest, the rate % p.a. is

A. 15 %   B. 20 %   C. 30 %   D. 35 %   E. None of these

Q32. Anoop borrowed Rs. 800 at 6 % p.a. & Rs. 1200 at 7 % p.a. for the same duration. He had to pay Rs. 1584 in all as interest. Find the time period.

A. 10 years   B. 11 years   C. 12 years   D. 13 years

E. 15 years

Q33. Find out the capital required to earn a monthly interest of Rs. 210 at 7 % per annum simple interest.

A. Rs. 24000   B. Rs. 30000   C. Rs. 18000   D. Rs. 36000

E. None of these

Q34. Arun took a loan of Rs. 1400 with simple interest for as many years as the rate of interest. If he paid Rs.686 as interest at the end of the loan period, what was the rate of interest?

A. 8%   B. 6%   C. 4%   D. 7%   E. None of these

Q35. A sum of money at simple interest amounts to Rs. 850 in 3 years and to Rs. 930 in 4 years. The sum is :

A. Rs. 700   B. Rs. 690   C. Rs. 650   D. Rs. 610

E. None of these

Q36. Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B?

A. Rs. 6400   B. Rs. 7200   C. Rs. 6500   D. Rs. 7500   E. None of these

Q37. There is 80% increase in an amount in 8 years at simple interest. What will be the compound interest of Rs. 14,000 after 3 years at the same rate?

A. Rs.3794   B. Rs.3714   C. Rs.4612   D. Rs.4634   E. None of these

Q38. 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 is:
A. Rs.600   B. Rs.645   C. Rs.525   D. Rs.625   E. None of these

Q39. What is the difference between the compound interests on Rs. 5000 for 1.5 years at 4% per annum compounded yearly and half-yearly?
A. Rs. 2.04   B. Rs. 4.80   C. Rs. 3.06   D. Rs. 8.30   E. None of these

Q40. A bank offers 5% compound interest calculated on half-yearly basis. A customer deposits Rs. 1600 each on 1st January and 1st July of a year. At the end of the year, the amount he would have gained by way of interest is:
A. Rs. 120   B. Rs. 121   C. Rs. 123   D. Rs. 122   E. None of these

SET-C

Soft Skills

First Mid Term, Even Sem Examination (2019-20)

Course- B.tech   **Year- II**

Branch- (All)

Time : 60 Min.   **M.M-20**

Instructions :

1. **Attempt all questions.**

2. **There will be no negative marking. Also, no marks will be awarded if more than one answer is marked.**

3. **The OMR form is printed on a special paper and the information given by the candidates will be scanned. Thus, the candidates are required to fill the forms carefully. Mutilated and damaged forms will be rejected by the scanner.**

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5. **Only black& blue pen should be used to fill forms.**

6. **Each branch is identified with a specific subject code which should be written in subject column of OMR sheet**

7. **Write your University roll number in the roll no column of OMR sheet.**

   Name of Student:-………………………………

          Branch:-…………………………………………….

   Section-………………………………………………...

   Uni. Roll No:…………………………………..   **All The Best**

Direction for (Q1-Q2): In each of the following questions, a word is represented by only one set of numbers. The columns and rows of a square matrix that have 36 cells are numbered from 0 to 5. A letter in a cell can be represented first by its column and then the row number.

	0	1	2	3	4	5
0	H	A	Z	N	X	P
1	C	G	P	H	S	G
2	N	S	C	V	A	W
3	Z	W	M	G	E	M
4	G	A	Y	O	Y	P
5	A	K	E	M	U	J

Q1. GAME:-

A. 04, 14, 23, 52   B.04, 10, 21, 43

C. 04, 10, 53, 43

D. 12, 10, 53, 43   E. None of these

Q2. HORSE:-

A. 00, 34, 31, 41, 25   B. 31, 34, 44, 41, 25

C. 31, 34, 40, 41, 25

D. Cannot be determined   E. None of these

Q3. In a certain code language $#* means 'Shirt is clean', @ D# means 'Clean and neat' and @ ? means 'neat boy', then what is the code for 'and' in that language

A. #   B. D   C. @   D. Data inadequate   E. None of these

Q4. In a certain code , RIPPLE is written as 613382 and LIFE is written as 8192. How is PILLER written in that code?

A. 318826   B. 776655   C. 786543   D. 156724

E. None of these

Q5. 'book' is coded as 'pencil', 'pencil' is coded as 'mirror', 'mirror is coded as 'book'. Then what is useful to write on a paper?

A. book   B. pencil   C. mirror   D. Cannot be determined

E. None of these

Q6. In a certain code language 'CLOSE' is coded as 81, 'FAR' is coded as 56, then what is the code for AWAY
A. 18   B. 58   C. 86   D. 72   E. None of these

Q7. In a certain code language 'BREAK' is coded as 'pehtc', 'GLASS' is coded as 'xwdnh', then what is the code for SEVEN
A. sjxgt   B. riygt   C. rjxfs   D. siygt   E. None of these

Q8. In a certain code 'MISSIONS' is written as 'MSIISNOS'. How is 'ONLINE' written in that code?
A. OLNNIE   B. ONILEN   C. NOILEN   D. LNOENI
E. ONNLIE

Q9. In a certain code 'ROAR' is written as 'URDU'. How is 'URDU' written in that code?
A. V X D Q   B. XUGX   C. ROAR   D. VSOV
E. V Z C P

Q10. If the average number of 8 terms is given to be 40 and the average of first 6 terms is given to be 35.What is the average of the remaining 2 terms?
A. 30   B. 55   C. 40   D. 42   E. None of these

Q11. The average age of 14 girls and their teacher's is 15. If teacher's age is excluded the average reduces by 1. What is the teacher's age?
A. 35 years   B. 32 years   C. 30 years   D. 29 years
E. None of these

Q12. A cricket batman had a certain average of runs for his 11 innings. In the 12th innings, he made a score of 90 runs and thereby his average of runs was decreased by 5. His average of runs after 12th innings:
A. 155   B. 150   C. 145   D. 140
E. None of these

Q13. The average monthly expenditure of a family is Rs. 2,200 during first three months. Rs. 2,550 during next four months and Rs. 3,120 during last five months of the years. If the total savings during the year was Rs. 1,260, what is the average monthly income?

A. Rs. 1,260   B. Rs. 1,280   C. Rs. 2,805
D. Rs. 2,850   E. None of these

Q14. The average of 6 observations is 45.5. If one new observation is added to the previous observations, then the new average becomes 47. The new observation is
A. 58   B. 56   C. 50   D. 46   E. None of these

Q15. The average of 7 consecutive numbers is n. If the next two numbers are included, the average will
A. increased by 2   B. remains the same   C. increased by 1
D. increased by 2   E. None of these

Q16.Two alloys of iron having 85% and 67% iron respectively are fused together to form another alloy having 71% iron in it. If 14 kgs of the first alloy is taken, find the weight of the second alloy.
A. 28 kgs   B. 34 kgs   C. 49 kgs   D. 42 kgs
E. None of these

Q17. How many litres of solutions having 30% milk and 70% milk should be mixed so that we get 40 litres of 45% milk solution?
A. 10 , 30   B. 12 , 28   C. 15 , 25   D. 25 , 15
E. None of these

Q18. Contents of three vessels having volumes in the ratio of 2 : 3 : 4 and having solutions with milk concentrations of 40%, 30% and 20% are mixed together in a fourth large vessel. Find the concentration of milk after the mixing.
A. 30%   B. 27.7%   C. 27.2%   D. 26.1%
E. None of these

Q19. How many litres of water needs to be added to 25 litres of a solution having milk and water in the ratio 8 : 5, such that the resultant has milk and water in the ratio 5 : 8.
A. 15   B. 20   C. 25   D. 30   E. None of these

Q20. From a 100 litre container having milk and water in the ratio 8 : 7, 10 litres of solution is removed and replaced with 20 litres of milk. Again 20

litres of solution is removed and replaced with 30 litres of milk. Find the amount of milk in the solution now.

A. 112.5   B. 105.6   C. 93.7   D. 87.5   E. None of these

Q21. How many litres should be removed out of 40 litres of solution of milk and water and be replaced with equal amount of water so that the proportion of milk drops from 80% to 75%.

A. 2 lts   B. 2.5 lts   C. 3 lts   D. 3.5 lts   E. None of these

Q22. A 20 litre mixture of milk and water contains milk and water in the ratio 3 : 2. 10 litres of the mixture is removed and replaced with pure milk and the operation is repeated once more. At the end of the two removal and replacement, what is the ratio of milk and water in the resultant mixture?

A. 17 : 3   B. 9 : 1   C. 3 : 17   D. 5 : 3   E. None of these

Q23. A container contains 50 litres of milk. From this container, 10 litres of milk was taken out and replaced by water. This process is repeated one more time.

How much milk is now left in the container?

A. 24   B. 32   C.30   D.36   E. None of these

Q24. A container has 40 litres of wine from this container, 4 litres of wine is taken out and replaced with water. This process is repeated two or more times. What will be the final quantity of water in the container?

A. 22   B. 10.84   C. 15   D.20   E. None of these

Q25. A man sells two wrist watches at Rs 594 each. On one he gains 10% and on the other, he loses 10%. Find his gain or loss percent on the whole.

A. 1% loss   B. 1% gain   C. 3% loss   D. Data is not sufficient
E. None of these

Q26. A shopkeeper sells a book at a discount of 10%. He earns a profit of 12%. Then the ratio of the C.P. to the marked price of the book is?

A. 33: 31   B. 3: 2   C. 45: 56   D. 2:3   E. None of these

Q27. Which of the following numbers is divisible by 99?

A. 114345   B. 913464   C. 135792   D. 3572404
E. None of these

Q28. If the price of petrol increases by 25% by how much % will a person reduce the quantity of petrol purchased, so that there will be no change in the overall expense?

A.16.67%   B.25%   C.20%   D.33.33%

E.None of these

Q29. Ashish lent Rs. 5000 to Manish for 2 years and Rs. 3000 to Chintu 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:

A. 5%   B. 7%   C. 7.125%   D. 10%   E. None of these

Q30. In how many years Rs. 1000 becomes 1728 at the rate of 20% p.a.c.a. ?

A. 2 years   B. 2.5 years   C. 3 years   D. 3.5 years

E. None of these

Q31. If 8th April, 2005 is Monday, what was the day of the week on 8th April, 2004?

A. Sunday   B. Monday   C. Thrusday   D. Saturday

E. None of these

Q32. An accurate clock shows 2 o'clock in the morning. Through how may degrees will the hour hand rotate when the clock shows 9 o'clock in the evening?

A. 144°   B. 210°   C. 168°   D. 570°

E. None of these

Q33. The calendar for the year 2007 will be the same for the year?

A. 2014   B. 2016   C. 2018   D. 2017

E. None of these

Direction (Q34-35) -P and Q are brothers of R. Q is son of S and T. S is the daughter of U. A is the father-in-law of T. B is son of U.

Q34. What is the relationship of Q to B?

A. Nephew   B. Neice   C. Maternal Uncle   D. Paternal Aunt

E. None of the above

Q35. What is the relationship of P to B?
A. Nephew B. Paternal Uncle C. Neice   D. Paternal Aunt
E. None of the above

Q36. In a class of 40 children, Sunetra's rank is eight from the top. Sujit is five ranks below Sunetra. What is Sujit's rank from the bottom?
A. 27   B. 29 C. 28 D. 26   E. None of these

Q37. In a row of boys, A is fifteenth from the left and B is fourth from the right. There are three boys between A and B. How many boys are there in the row?
A. 9   B. 10 C. 14 D. 22   E. None of these

Q38. A, B and C play cricket. The ratio of the runs scored by A and B is 3 : 2. The ratio of the runs scored by B and C is 3 : 2. Together, they score 342 runs. How many runs did A make?
A. 162   B. 108 C. 72   D. Cannot be determined
E. None of these

Q39. A, B and C enter into a partnership by investing Rs.3000, Rs.4000 and Rs.5000. A is a working partner and gets a half of the profit for his services and the remaining profit is divided among the three in the rate of their investments. What is the amount of profit that B gets if A gets a total of Rs. 6000?
A. 1888.88   B. 1333.33   C. 2000   D. 1600
E. None of these

Q40. If Rs. 782 be divided into three parts, proportional to 1/2:2/3:3/4, then the first part is:
A. Rs. 182 B. Rs. 190 C. Rs. 196 D. Rs. 204
E. None of these

Soft Skills

First Mid Term, Odd Sem Examination (2019-20)

Course- B.tech   **Year- II**

Branch- (All)

Time : 60 Min.   **M.M-20**

Instructions :

1. **Attempt all questions.**

2. **There will be no negative marking. Also, no marks will be awarded if more than one answer is marked.**

3. **The OMR form is printed on a special paper and the information given by the candidates will be scanned. Thus, the candidates are required to fill the forms carefully. Mutilated and damaged forms will be rejected by the scanner.**

4. **The candidates should ensure that the form is not folded, crumpled or mutilated in any manner. The candidates should not mark anything anywhere except wherever required. The black marks on the margin of the OMR form are important. The candidates should not tamper it with marker.**

5. **Only black& blue pen should be used to fill forms.**

6. **Each branch is identified with a specific subject code which should be written in subject column of OMR sheet**

7. **Write your University roll number in the roll no column of OMR sheet.**

   Name of Student:-…………………………………

        Branch:-………………………………………………….

   Section-…………………………………………………...

   Uni. Roll No:……………………………………..   **All The Best**

Q1. The number 94210p31q is divisible by 44. What is the value of p + q?
A.1   B. 5   C.6   D.8   E. None of these

Q2. Find the value of x if the number 58215x237 is divisible by 11?
A.1   B. 5   C.6   D.7   E. None of these

Q3. If the number 63576x2 is divisible by 8, find the least value that x can take.
A.1   B. 3   C.6   D.8   E. None of these

Q4. If the number 86y25x6 is divisible by 36, find the possible no of solutons.
A.1   B. 5   C.6   D.8   E. None of these

Q5. If the number 42573x is divisible by 72, find the value that x can assume.
A.1   B. 5   C.6   D.8   E. None of these

Q6. How many different values can x take if the number 2506x8 is divisible by 8?
A.1   B. 5   C.6   D.8   E. None of these

Q7. On what dates of January, 2001 did Sunday fall?
A.1st, 8th, 15th, 22nd, 29th B. 2nd, 9th, 16th, 23rd, 30th
C.3rd, 10th, 17th, 24th D. 7th, 14th, 21th, 28th E. None of these

Q8. The last day of a century cannot be
A.Monday   B.Wednesday   C.Thursday   D.Friday
E. None of these

Q9. The calendar for the year 1897 will be the same for the year:
A.1909   B. 1903   C.1908   D.1907   E. None of these

Q10. On 8th Dec, 2007 Saturday falls. What day of the week was it on 8th Dec, 2006?
A.Sunday   B.Thursday   C.Tuesday   D.Friday
E. None of these

Q11. Which of the following is a leap year?
A.1900   B. 2016   C.2100   D.2018
E. None of these

Q12. The angle between the minute hand and the hour hand of a clock when the time is 4.20, is:
A.0°   B.10°   C.5°   D.20°   E. None of these

Q13. At what time between 8 and 9, the angle between the minute hand and the hour hand of a clock will be 60°:

A. $32^8/_{11}$ B. $53^6/_{11}$ C. 30   D. Both A and B

E. None of these

Q14. How many times in a day, are the hands of a clock in straight line but opposite in direction between 6 AM to 5 PM in a day?

A. 11   B. 12   C. 22   D. 24   E. None of these

Q15.   An accurate clock shows 8 o'clock in the morning. Through how may degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

A. 144°   B. 150°   C. 168°   D. 180°   E. None of these

Q16.   A watch which gains 5 seconds in 3 minutes was set right at 7 a.m. In the afternoon of the same day, when the watch indicated quarter past 4 o'clock, the true time is:

A. $59^7/_{12}$ min. past 3   B. 4 p.m.   C. $58^7/_{11}$ min. past 3

D. $2^3/_{11}$ min past 4   E. None of these

Q17.   In 16 minutes, minute hand gains over hour hand by:

A. 16   B. 80   C. 88   D. 96   E. None of these

Q18.   If the two hands in a clock are 3 minutes division apart, then the angle between them is

A. 3^0 B. 18^0 C. 24^0 D. 60^0 E. None of these

Q19. A clock is set right at 3 AM, the clock loses 24 minutes in 24 hours. What will be the true time when the clock indicates 10:40 PM?

A. 10:30 PM   B. 11 PM   C. 10:50 PM   D. 11:30 PM

E. None of these

Q20. John was born on Feb 29th of 2012 which happened to be a Wednesday. If he lives to be 101 years old, how many birthdays would he celebrate on a Wednesday?

A. 3   B. 4   C. 5   D. 1   E. None of these

Q21. What will be the day of the week 15th August, 2010?

A. Sunday   B. Monday   C. Tuesday   D.Friday

E. None of these

Q22. Today is Monday. After 61 days, it will be:

A. Sunday   B. Monday   C. Tuesday   D.Saturday   E. None of these

Q23. Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are?

A. 42, 33   B. 39,30   C. 41,32   D. 43,34   E. None of these

Q24. The price of a car is Rs. 3,25,000. It was insured to 85% of its price. The car was damaged completely in an accident and the insurance company paid 90% of the insurance. What was the difference between the price of the car and the amount received?

A. 70,000   B. 82,150   C. 76,375   D. 34,000   E. None of these

Q25. The price of diesel increases by 50 %. Find by how much percent a truck owner must reduce his consumption in order to maintain the same budget? (Approx)

A. 11%   B. 22%   C.33%   D. 44%   E. None of these

Q26. Two friends, Akash & Beenu had some candies each. One of them had 15 candies more than the other. The candies with Akash was 60% of the total candies with them. How many candies did each have?

A. 40, 25   B. 47, 32   C. 45, 30   D. 49, 34   E. None of these

Q27. What percentage of numbers from 1 to 30 has 1 or 9 in the unit's digit?

A. 12   B. 15   C. 20   D. 22   E. None of these

Q28.   In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was:

A. 2700 B. 2900   C. 3000   D. 3100   E. None of these

Q29. The population of different trees in a field increased by 10 % in first year, increased by 8 % in second year and decreased by 10 % in third year. If at present the number of trees is 26730, then find the number of tress in the beginning.

A. 30000   B. 25000   C. 27000   D. 27865   E. None of these

Q30. A student attempts x number of questions. He answers 15 correctly out of first 20 questions and of the remaining questions, he answers 1/3 correctly. If all questions have same credit and the student gets 50 % marks, then find the value of x.

A. 30   B. 35   C. 45   D. 50   E. None of these

Q31. The current birth rate per thousand is 30, whereas corresponding death rate is 10 per thousand. Find the net growth rate in terms of population increase in percent.

A. 1.5 %   B. 2 %   C. 2.5 %   D. 3 %   E. None of these

Q32. When 35 is subtracted from a number; it reduces to its 80 %. Find the four-fifth of that number.

A. 140   B. 125   C. 137   D.129   E. None of these

Q33. $\sqrt[2]{144}$ + $\sqrt[3]{1331}$ + +$\sqrt[2]{125}$ =……………….

A. 47.18   B. 48.23   C. 46.34   D. 49.28   E. None of these

Q34. $45^2 + 54^2 + 48^2 + \sqrt[2]{1024}$ =……………….

A. 7287   B. 7277   C. 7239   D. 7284   E. None of these

Q35. $\sqrt[3]{2744}$ + $\sqrt[2]{996004}$ + 63^2=……………

A. 3969   B. 4012   C. 4064   D. 3982   E. None of these

Q36. $65^2 + 64^2 + 63^2 + \sqrt[2]{125}$ + $\sqrt[2]{36.24}$ =……………

A. 12230.33   B. 12231.44   C. 12307.2   D. 12308.5

E. None of these

Q37. $101^2 + 102^2 + 103^2 + 105^2 + 106^2$=……………

A. 53405   B. 53412   C. 54445   D. 53475   E. None of these

Q38. $\sqrt[3]{2200}$ + $\sqrt[2]{48}$ + 42 x 11 =……………….

A. 484.6   B. 481.9   C. 483.2   D. 485.4   E. None of these

Q39. 13% of 1100 + 17% of 2100 =? + 26% of 350

A. 409   B. 411   C. 413   D. 415   E. None of these

Q40. 1331 × 121 × 0.11 = (1.1)? × 11000

A. 5   B. 7   C. 4   D. 3   E. None of these

Soft Skills

Mid Term, Even Sem Examination (2020-21)

Course- B.Tech/MCA   **Year- III/II**

Branch- All

Time : 120 Min.   **M.M-30**

Instructions :

1. **Attempt all questions.**

2. **There will be no negative marking. Also, no marks will be awarded if more than one answer is marked.**

3. **The OMR form is printed on a special paper and the information given by the candidates will be scanned. Thus, the candidates are required to fill the forms carefully. Mutilated and damaged forms will be rejected by the scanner.**

4. **The candidates should ensure that the form is not folded, crumpled or mutilated in any manner. The candidates should not mark anything anywhere except wherever required. The black marks on the margin of the OMR form are important. The candidates should not tamper it with marker.**

5. **Only black& blue pen should be used to fill forms.**

6. **Each branch is identified with a specific subject code which should be written in subject column of OMR sheet**

7. **Write your University roll number in the roll no column of OMR sheet.**

    Name of Student:-…………………………………

    Branch:-…………………………………………………

    Section-………………………………………………..

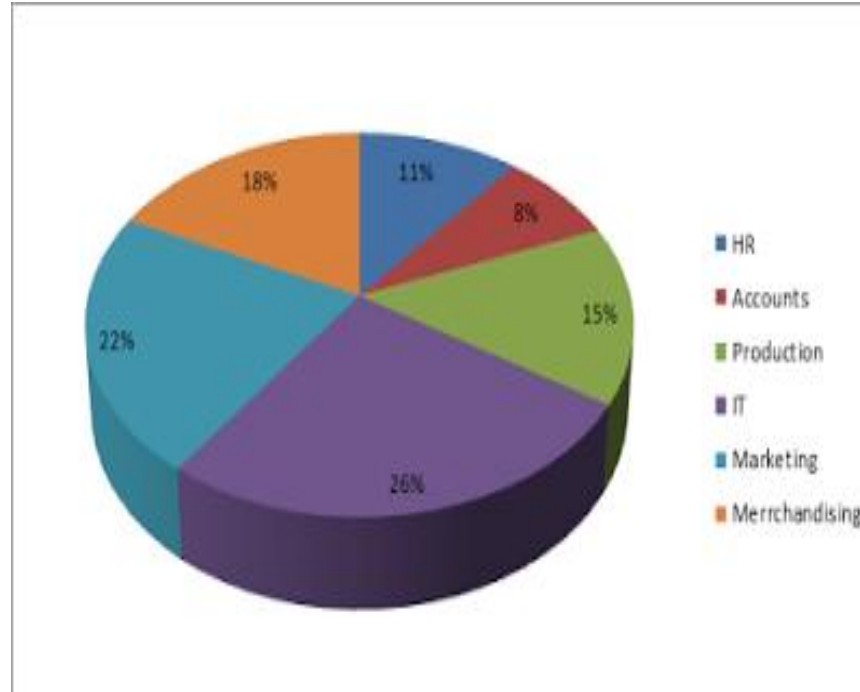   **Uni. Roll No:……………………………………….**   **All The Best**

(Aptitude)-No of question-40,

Directions of Question (1-5):

Study the pie-chart and table carefully to answer the questions that follow
Number of Employees Working in Various Departments of an
Organization and the Ratio of Men to Women in the same.

Total Number of Employees = 4600

HR= 11%,   Accounts = 8%   ,Production=15% ,   IT=20%,
Marketing= 22%,   Merchandising= 18%

Ratio Of Men and Women		
Departments	**Men**	**Women**
HR	1	1
Accounts	3	1
Production	3	2
IT	1	3
Marketing	1	1
Merchandising	5	1

Q1. What is the number of women in the Accounts department?
(A) 86   (B) 102   (C) 80   (D) 92   (E) None of these

Q2. What is the total number of employees working in the IT department and HR department together?
(A) 1628   (B) 1742   (C) 1766   (D) 1646   (E) None of these

Q3. What is the respective ratio of total number of men to the total number of women working in all the departments together?
(A) 63 : 41 (B) 41 : 27 (C) 53 : 47 (D) 27 : 19   (E) None of these

Q4. Number of women in the Merchandising department form what per cent of the total number of employees in the organization?
(A) 3   (B) 6   (C) 1   (D) 12   (E) None of these

Q5.What is the respective ratio of number of men in the Production department to the number of men in the Marketing department?
(A) 7 : 13 (B) 9 : 11 (C) 13 : 7   (D) 11 : 9   (E) None of these

Directions (6-10): In each of these questions the symbols @, #, $, % and * are used with different meanings as follows.
I. 'P @ Q' means 'P is not smaller than Q'.
II. 'P # Q' means 'P is not greater than Q'.
III. 'P $ Q' means 'P is neither smaller than nor greater than Q'.
IV. 'P % Q' means 'P is neither smaller than nor equal to Q'.
V. 'P * Q' means 'P is neither greater than nor equal to Q'.
In each question, four statements showing relationships have been given, which are followed by four conclusions I, II, III and IV. Assuming that the given statements are true, find out which conclusion(s) is/are definitely true.

Q6. **Statements:** K # N * O @ P $ Q
Conclusions:
I. Q * O   II. Q # O   III. K * O   IV. Q $ K
A) I and III are true   B) II and III are true   C) III and IV are true
D) I and II are true   E) None of the above

Q7. **Statements:** A $ B @ F @ C, R * F % J * E
Conclusions:
I. J @ C   II. E # F   III. B % J   IV. A % J
A) None is true   B) I and II are true   C) III and IV are true
D) I, II and III are true   E) All are true

Q8. **Statements:** K @ M $ N * Q * P # D, D % F
Conclusions:
I. M % F   II. Q @ K   III. N # F   IV. K * P
A) Either I or III is true   B) Either II or IV is true
C) II and III are true
D) Either I or III and either II or IV are true   E) None is true

Q9. **Statements:** G % B # C, C @ D $ E
Conclusions:
I. C % E   II. G @ C   III. G * C   IV. B $ D
A) Either II or III is true   B) Only I is true   C) Only IV is true
D) I and II are true   E) None of the above

Q10. **Statements:** C # T % U, U @ V $ Y, V * Z, Z # X
Conclusions:
I. T @ V   II. C % V   III. X @ C   IV. Z % Y
A) I and III are true   B) II and III are true   C) IV is true
D) All are true   E) None Follows

Q11. **Statements:**
Some School are College.
Some College are Lecture.
All Class is College.
Conclusions:
I. Some Lecture is not Class.
II. Some School is Class.
III. Some School is not Class
A) Only I follows   B) Only II follows   C) Only III follows
D) None follows   E) None of these

Q12. **Statements:**
All Manager are Clerk.
All Clerk are Assistant.
No Executive are Clerk.

Conclusions
I. Some Clerk are Executive.
II. Some Assistant are Manager.
III. Some Assistant are Executive.
A) Only I follows   B) Only II follows   C) Only III follows
D) Only II and III follow   E) None of these

Q13. Find the last two digit of 788^{782} x 976^{588}?
A) 54   B) 36   C) 84   D) 64   E) None of these

Q14. Find the remainder when $3^{41} + 7^{82}$ is divided by 52?
A) 21   B) 51   C) 1   D) 0   E) None of these

Q15. What is the remainder when 2! + 3! + …. + 100! is divided by 6?
A) 5   B) 4   C) 3   D) 2   E) None of these

Q16. There is a family of six persons A, B, C, D, E and F. They are Lawyer, Doctor, Teacher, Salesman, Engineer and Accountant There are two married couples in the family. D, the Salesman is married to the Lady Teacher. The Doctor is married to the Lawyer. F, the Accountant is the son of B and brother of E. C, the Lawyer is the daughter-in-law of A. E is the unmarried Engineer. A is the grandmother of F. How is E related to F?
A) Brother   B) Sister   C) Cousin   D) Cannot be determined
E) None of these

Q17. Pointing to a gentleman, Deepak said, "His only brother is the father of my daughter's father." How the gentleman related to Deepak ?
A) Grandfather   B) Father   C) Brother-in-law   D) Uncle
E) None of these

Q18. I. A. B, C. D, E and F are six members of a family.
 II. One couple has parents and their children in the family.
III. A is the son of C and E is the daughter of A.
 IV. D is the daughter of F who is the mother of E.
 Which of the following pairs is the parents of the couple ?
A) AB   B) BC   C) AF   D) CF   E) None of these

Q19. If 'sti nro kti' stands for 'clouds pour down', 'nro bsi mit' stands for 'down he goes' and 'bsi nro zpi' stands for 'died down he', which would mean 'goes'?
A) nro   B) mit   C) kti   D) bsi   E) None of these

Q20. In a certain code, ROME is coded as SUNI and BOMBAY as CUNCEZ. Then ASIA is coded as?
A) BIJB   B) ETOE   C) ESOE   D) ATIA   E) None of these

Q21. 9 men and 12 boys finish a job in 12 days, 12 men and 12 boys finish it in 10 days. 10 men and 10 boys shall finish it in how many days ?
A) 15 days B) 11 days C) 14 days D) 12 days   E) None of these

Q22. Two pipes can fill a tank in 20 and 24 minutes respectively and a waste pipe can empty 3 gallons per minute. All the three pipes working together can fill the tank in 15 minutes. Find the capacity of the tank in gallons.
A) 100   B) 110   C) 120   D) 140   E) None of these

Q23. A can do a piece of work in 80 days. He works at it for 10 days & then B alone finishes the remaining work in 42 days. In how much time will A and B, working together, finish the work?
A) 30 days B) 20 days   C) 25 days D) 35 days   E) None of these

Q24. 15 men take 21 days of 8 hours each to do a piece of work. How many days of 6 hours each would 21 women take, if 3 women do as much work as 2 men?
A) 30days   B) 40days   C) 41days   D) None E) None

Q25. Abhishek starts to paint a fence on one day. On the second day, two more friends of Abhishek join him. On the third day 3 more friends of him join him and so on. If the fence is completely painted this way in exactly 20 days, then find the number of days in which 10 girls painting together can paint the fence completely, given that every girl can paint twice as fast as Abhishek and his friends(Boys)? (Assume that the friends of Abhishek are all boys).

A) 20   B) 40   C) 45   D) 77   E) None of these

Q26. Find the principal, if the rate of interest is 9.09% and the compound interest for second year is 24 Rs.

(A) 121 Rs.   (B) 240 Rs.   (C) 242 Rs.   (D) None of these

Q27. The difference between simple interest and compound on Rs. 1200 for one year at 10% per annum reckoned half-yearly is:

A. Rs. 2.50   B. Rs. 3   C. Rs. 3.75   D. Rs. 4   E) None of these

Q28. The students present in an auditorium arranged in the row. If there were 4 students extra in each row there would be 4 less rows. However, if there are 2 students less in each row, then there would be 4 more rows. Find the number of student present in the auditorium

A. 80   B. 96   C. 100   D. 128   E) None of these

Q29. By selling 45 lemons for Rs 40, a man loses 20%. How many should he sell for Rs 24 to gain 20% in the transaction?

A. 16   B. 18   C. 20   D. 22   E) None of these

Q30. Arun got 30% of the maximum marks in an examination and failed by 10 marks. However, Sujith who took the same examination got 40% of the total marks and got 15 marks more than the passing marks. What were the passing marks in the examination?

A. 90   B. 250   C. 75   D. 85   E) None of these

Q31. 40% of the employees in a factory are workers. All the remaining employees are executive. The annual income of each worker is Rs.390. The annual income of each executive is Rs.420.What is the average annual

income of all the employees in the factory together?
A. 480   B. 580   C. 408   D. 690   E) None of these

Q32. In an examination, the average marks of all the students calculated to be 58 marks. It was later found that marks of 60 students were wrongly written as 70 instead of 50.If the corrected average is 55, find the total number of students who took the exam?
A. 500   B. 450   C. 400   D. 420   E) None of these

Q33. A cricketer has completed 10 innings and his average is 21.5 runs. How many runs must he make in his next innings so as to raise his average to 24?
A. 50   B. 24   C. 49   D. 52   E) None of these

Q34. If the price of article is decreased by 10%, then increased by 10%, the net effect on the price of the item is?
A. 1%   B. -1%   C. 0%   D. 1.5%   E) None of these

Q35. A is twice B and B is 200% more than C. By what percent is A more than C?
A. 50%   B. 30%   C. 500%   D. 600%   E) None of these

Q36. Find the number of factors of 300
A) 18   B) 9   C) 10   D) None of these   E) None of these

Direction for Q37 to Q40:
Each question contains six statements, followed by options of combinations of any three of the given sentences. Choose the option in which the combinations are logically related. Consider first two as statements and and the third as conclusions:

Q37. A. Some snakes are poisonous.
 B. All snakes are nocturnal.
 C. All poisonous creatures are snakes.
 D. All poisonous creatures are nocturnal.
 E. Some snakes are nocturnal creatures.

F.Some nocturnal creatures are poisonous.

A. AFE   B. BCF   C. BDA   D. BCE   E) None of these

Q38.A.Some excessive drinkers are managers.

B. All excessive drinkers are debtors.

C. No debtor is a manager.

D. All debtors are excessive drinkers.

E. No manager is an excessive drinker.

F. Some managers are debtors.

A. AFB   B. CEB   C. BCE   D. ADF   E) None of these

Q39. A. Every Christmas is festival.

B. Some enjoyable are not feasible.

C. Every festivals are enjoyable.

D. All Christmas are feasible.

E. None festival is feasible.

F. Some feasible are not festival.

A.BCF   B.BFE   C.ADE   D. ADF   E. CEB

Q40. A. Some scents are smell.

B. All perfumes are scent.

C. Many stink are not scents.

D. All scent are smell.

E. smell are perfumes.

F. Many stink are not perfumes.

A.BCF   B.BDE   C.CFA   D.AEB   E.None of these.

(Verbal Aptitude)-No of question-40,

Directions for Questions 41 to 48: **Find the best possible replacement for the underlined part of the sentence in the question.**

Q41. What authorities <u>doesn't get is that people</u> ply private vehicles because public transport isn't adequate for their needs.

A) don't get is that people   D) didn't get is that peoples

B) doesn't get is that people   E) No correction required.

C) don't got is which people

Q42. While the visas for Uyghur activists <u>may be a step in this</u> regard, New Delhi should also step up institutional cooperation with Taiwan.
A) might be a step in this
B) may not a step in this
C) may be an step in this
D) might be the step in this
E) No correction required.

Q43. Beijing cannot expect New Delhi to <u>doing all the heavy lift to</u> enhance India-China ties without taking any steps of its own.
A) does all the heavy lifts
B) do the all heavy lifting to
C) do all the heavy lifting to
D) do the all heavy liftings for
E) No correction required.

Q44. Leaning on the Pakistani establishment <u>to shut off their terror tap will</u> serve not just India's but China's security interests as well.
A) to shut to its terrors tap would
B) to shut for their terror tap will be
C) to shut of its terror tap shall
D) to shut off its terror tap will
E) No correction required.

Q45. Parliament remains stalled <u>for two successive day in</u> the Uttarakhand crisis.
A) to two successive days in
B) of two successive day on
C) for successive two days at
D) for two successive days on
E) No correction required

Q46. Both Centre and opposition refusing to yield from hardened stances <u>is a matter for grave</u> concern for all.
A) is matter for grave
B) an matter of graves
C) are a matter to graved
D) is a matter of grave
E) No correction required

Q47. To suppress moves for a discussion, BJP issued a whip yesterday asking <u>all the party's MPs to be present in</u> Parliament for the whole week.
A) all party MPs to be present in
B) all part's the MPs to be present in
C) all party MPs being present in
D) all party MPs to presented on
E) No correction required

Q48. But to argue that debate on such an important constitutional matter is the court's prerogative alone and parliamentarians should not entertain it, <u>as BJP had done, is weak</u> and unconvincing.

A) as BJP had done, was weak

B) as BJP has done, is weak

C) as BJP have done, are weak

D) as the BJP has to be done, is weak

E) No correction required

FILL IN THE BLANK (49 TO 56)

Direction for questions 49 to 56: Choose the correct option to be filled in the blank out of the given four alternatives.

Q49. The thieves quarrelled among them _____ the division of booty.

A) about   B) in   C) above   D) on

Q50. The thunder was accompanied _____ heavy rains.

A) with   B) by   C) up   D) into

Q51. Under heavy load the bridge may give _____

A) away   B) way   C) out   D) in

Q52. He brought him _____ with great difficulty.

A) in   B) about   C) up   D) over

Q53. Raja turned _____ the proposal without thinking.

A) up   B) out   C) in   D) down

Q54. He resembles _____ his mother.

A) with   B) at   C) in   D) None of these

Q55. He is used _____ such hardships.

A) at   B) in   C) to   D) for

Q56. You must be back ___ four o'clock.

A) to   B) by   C) in   D) for

CHOOSE THE BEST ALTERNATIVE

Q57. The Gorton-Dodd bill requires <u>that a bank disclose to their customers how long they will delay access to funds from deposited checks.</u>
(A) that a bank disclose to their customers how long they will delay access to funds from deposited checks
(B) a bank to disclose to their customers how long they will delay access to funds from a deposited check
(C) that a bank disclose to its customers how long it will delay access to funds from deposited checks
(D) a bank that it should disclose to its customers how long it will delay access to funds from a deposited check
(E) that banks disclose to customers how long access to funds from their deposited check is to be delayed

Q58.   The financial crash of October 1987 demonstrated that the world's capital markets are <u>integrated more closely than never before and</u> events in one part of the global village may be transmitted to the rest of the village-almost instantaneously.
(A) integrated more closely than never before and
(B) closely integrated more than ever before so
(C) more closely integrated as never before while
(D) more closely integrated than ever before and that
(E) more than ever before closely integrated as

Q59. In developing new facilities for the incineration of solid wastes,   we must avoid the danger of shifting environmental problems from <u>landfills polluting the water to polluting the air with incinerators.</u>
(A) landfills polluting the water to polluting the air with incinerators
(B) landfills polluting the water to the air being polluted with incinerators
(C) the pollution of water by landfills to the pollution of air by incinerators
(D) pollution of the water by landfills to incinerators that pollute the air
(E) water that is polluted by landfills to incinerators that pollute the air

Q60. Lawmakers are examining measures that would require banks to disclose all fees and account requirements in writing,   <u>provide free cashing of government checks, and to create basic savings accounts to carry</u> minimal fees and require minimal initial deposits.

(A) provide free cashing of government checks,   and to create basic savings accounts to carry

(B) provide free cashing of government checks,   and creating basic savings accounts carrying

(C) to provide free cashing of government checks,   and creating basic savings accounts that carry

(D) to provide free cashing of government checks,   creating basic savings accounts to carry

(E) to provide free cashing of government checks,   and to create basic savings accounts that carry

JUMBLES SENTENCES (61 TO 65)

Q61. 1 : Religion has been used
P : both as a weapon of isolation
Q : to dull awareness
R : about real problems and as morphia
S : like education, health and employment.

    (a) P Q R S   (b) P S Q R
    (c) Q P S R   (d) R P Q S

Q62. 1: When all the members were seated
P: during the previous year
Q: the secretary came to the dias
R: and read out the report
S: detailing the activities of the organisation
6: and plans for the coming year.

    (a) P Q R S   (b) S P Q R
    (c) R S P Q   (d) Q R S P

Q63. Inspite of an unprecedented boom in the market
P: and had to remain content
Q: the paper-dealer could not
R: push up his sales
S: with a volume of sale lower than
6: what he had sold the previous year.

    (a) Q R P S   (b) S P R Q
    (c) P R Q S   (d) R P S Q

Q64. 1.Ashoka was successful
P: by the cruelty and horrors of war
Q: he was so disgusted
R: in his military operations
S: and alone among conquerors
6: that he renounced it.
(a) R S Q P   (b) P S Q R
(c) S Q P R   (d) Q P R S

Q65. 1 : As his hunting skill increased
P : till at last it was as impossible for him
Q : so did his love for the hunt
R : as it is for the opium eater
S : to pass a day without it
6 : to forgo his daily potion.
(a) R S Q P   (b) P Q R S
(c) P S Q R   (d) Q P S R

ANALOGIES (66 TO 80)
Q66. REFEREE : FIELD ::
      (A)   Experimenter : Result
      (B)   Arbitrator : Deadlock
      (C)   Gladiator : Fight
      (D)   Professor : Classroom
      (E)   Judge : Courtroom

Q67. COMPREHEND : UNINTELLIGIBLE :
      (A)   Swallow : Edible
      (B)   Circumvent : Risky
      (C)   Accumulate : Insignificant
      (D)   Control : Ungovernable
      (E)   Suspect : Untrustworthy

Q68. MERCHANDISE : SHOPLIFT :
      (A)   Conversation : Eavesdrop
      (B)   Property : Trespass

(C)   Debate : Slander
(D)   Suspect : Apprehend
(E)   Onlooker : Subpoena

Q69. SWELL : BURST ::
(A)   Assimilate : Weaken
(B)   Pollute : Heal
(C)   Promote : Conceive
(D)   Thaw : freeze
(E)   Stumble : fall

Q70. RETICENT : TALK ::
(A)   Abstemious : Devour
(B)   Tasteless : Savor
(C)   Likely : Conjecture
(D)   Cranky : Conjecture
(E)   Contumacious : Revolt

Q71. RECTANGLE : SQUARE ::
(A)   Sphere : Circle
(B)   Tub : Shower
(C)   Sonnet : Poem
(D)   Hypotenuse : Triangle
(E)   Magazine : Article

Q72. SEMINARY : THEOLOGIAN ::
(A)   Academy : Cadet
(B)   Courtroom : Witness
(C)   Sanitarium : Patient
(D)   Conservatory : Artist
(E)   Laboratory : Researcher

Q73. SHARD : POTTERY ::
(A) Hill : Cliff   (D) Canal : River
(B) Ash : fire   (E) Splinter : Wood
(C) Hair : Wig

Q74. OBTRUSIVE : IGNORE ::
  (A)   Autocratic : Govern
  (B)   Inconsequential : Denigrate
  (C)   Elusive : capture
  (D)   Auspicious : forecast
  (E)   Appropriated : usurp

Q75. CARAT : GOLD ::
  (A)   Proof : Alcohol   (D)   Meter : Rope
  (B)   Liter : Beer   (E)   Ream : Paper
  (C)   Pound : sugar

Q76. LOGO : COMPANY ::
  (A)   Fabric : Weaver   (D)   Landmark : Surveyor
  (B)   Catalogue : Stockiest   (E)   Painting : artist
  (C)   Trademark :
        Manufacturer

Q77. SHRINE : PILGRIM ::
  (A)   Peak : Climber   (D)   Highway : Driver
  (B)   Voting : Pollster   (E)   Dive : Swimmer
  (C)   Debacle : Loser

Q78. HATCH : HOLD ::
  (A)   Rudder : Anchor   (D)   Door : Room
  (B)   Boat : Barge   (E)   Cellar : Attic
  (C)   Courtyard : Terrace

Q79. CHANT : SPEAK ::
  (A)   March : Walk   (D)   Squeeze : Touch
  (B)   Heed : Hear   (E)   Blink : view
  (C)   Wince : dodge

Q80. INCUMBENT : OFFICE ::
  (A)   Monarch : Throne   (D)   Captain : Army
  (B)   President : Company   (E)   Owner : Equity
  (C)   Supervisor : Employee