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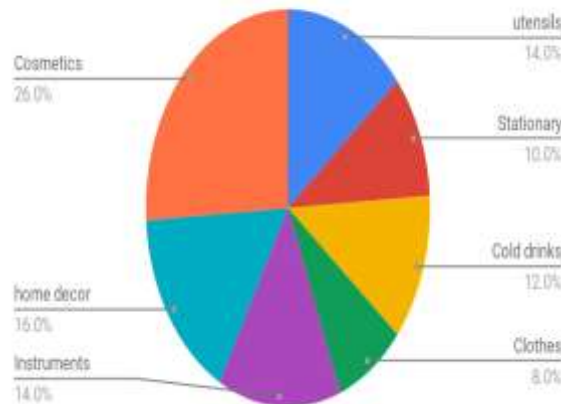
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IBPS PO Prelims Quantitative Aptitude Question Bank

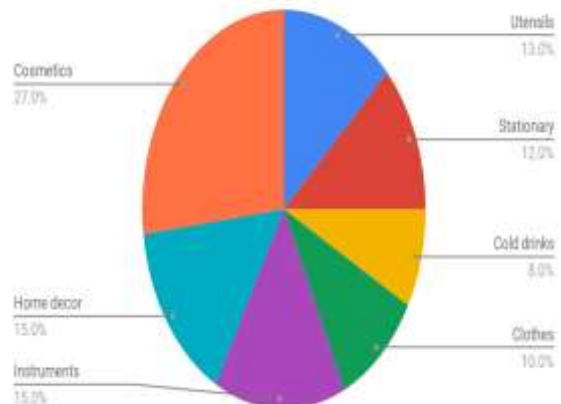
Directions (1 -5)

Study the following information carefully and answer the questions given below

XYZ mall



ABC mall



The following table shows the ratio of number of males to female customers who buys different items from two malls.

Items	XYZ mall	ABC mall
	Male: Female	Male: Female
Utensils	3:2	4:5
Stationary	1:3	4:7
Cold drinks	2:3	7:9
Clothes	5:7	2:3
Instruments	9:7	3:7
Home décor	4:3	6:1
Cosmetics	3:5	1:5

Q.1 Which of the following item shows the maximum percentage of male customers in comparison to the total

number of customers who purchased same item in XYZ mall?

- a) Stationary
- b) Cold drinks
- c) Utensils
- d) Clothes
- e) Home décor

Q.2 In XYZ mall if 13000 customers purchased cosmetics in 2016 then what is the approximate total number of male customers who purchased all the items?

- a) 21158
- b) 25616
- c) 29213
- d) 30132
- e) None of these

Q.3 In XYZ mall If there are 5,000 females buying stationary then what is the total number of male customers who buy cold drinks from the same mall?

- a) 4200
- b) 3200
- c) 3400
- d) 4500
- e) 3729

Q.4 If 18,512 customers' bought utensils from ABC mall, then find the number of male customers who bought cold drinks from the same mall?

- a) 3458
- b) 5998
- c) 4782
- d) 4984
- e) None of these

Q.5 If the difference between the number of male customers who purchase instruments from mall ABC and mall XYZ is 234 then find the total number of customers of ABC mall?

- a) 4250
- b) 6015
- c) 2800
- d) 3000
- e) 9000

Directions (6-10):

In these questions, two equations are given. Solve the equations and mark the appropriate answer.

Q.6

I. $x^2 = 729$

II. $y^2 - 13y + 40 = 0$



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- a) If $x > y$
- b) If $x \geq y$
- c) If $x < y$
- d) If $x \leq y$
- e) If $x = y$ or relationship between x and y can't be established

Q.7

I. $5x^2 - 28x + 32 = 0$

II. $5y^2 + 27y + 36 = 0$

- a) If $x > y$
- b) If $x \geq y$
- c) If $x < y$
- d) If $x \leq y$
- e) If $x = y$ or relationship between x and y can't be established

Q.8

I. $6x^2 + 22x + 20 = 0$

II. $7y^2 - 16y - 15 = 0$

- a) If $x > y$
- b) If $x \geq y$
- c) If $x < y$
- d) If $x \leq y$
- e) If $x = y$ or relationship between x and y can't be established

Q.9

I. $4x^2 - 23x + 28 = 0$

II. $8y^2 + 29y - 37 = 0$

- a) If $x > y$
- b) If $x \geq y$
- c) If $x < y$
- d) If $x \leq y$
- e) If $x = y$ or relationship between x and y can't be established

Q.10

I. $x = \sqrt{1521}$

II. $y^2 = 1521$

- a) If $x > y$
- b) If $x \geq y$
- c) If $x < y$
- d) If $x \leq y$
- e) If $x = y$ or relationship between x and y can't be established

Directions (11 - 20):

What value should come in place of question mark (?) in the following questions?

Q.11 $566.67 + 15.23 * 6.89 = 457.02 + ?$

- a) 214.58
- b) 312.87
- c) 50.39





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d) 124.36

e) None of these

Q.12 ?% of $(249/4) = (3.95)^2$

a) 45

b) 35

c) 25

d) 55

e) 65

Q.13 $114.03 * 7.005 + 16.05 + 88.876 = ?$

a) 1005

b) 876

c) 903

d) 795

e) None of these

Q.14 $67575 / 59.75 + 675 * 9.23 = ?$

a) 7000

b) 8906.75

c) 6879.32

d) 7201.75

e) None of these

Q.15 $?^2 - 56.072 * 13 = 24.99 * 28.956$

a) 25

b) 5

c) 6

d) 36

e) 7

Q.16 $(4567.23 - 89.78) / ? = 54 * 5.999$

a) 27

b) 35.14

c) 11

d) 14.373

e) None of these

Q.17 $195.01 + 55 / (14.99/75) = ?$

a) 219

b) 206

c) 245

d) 255

e) 235

Q.18 $1885 + 879.356 + 7895.55 - ? =$

49.99/5

a) 987.65

b) 1000.50

c) 4879.50

d) 14585.25

e) 10650

Q.19 $6201/10 * (105.05/15) = ?$

a) 4340

b) 1575

c) 570

d) 1257





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e) None of these

Q.20 ?% of $375.04 + (12.95)^2 = 450$

a) 65

b) 89.5

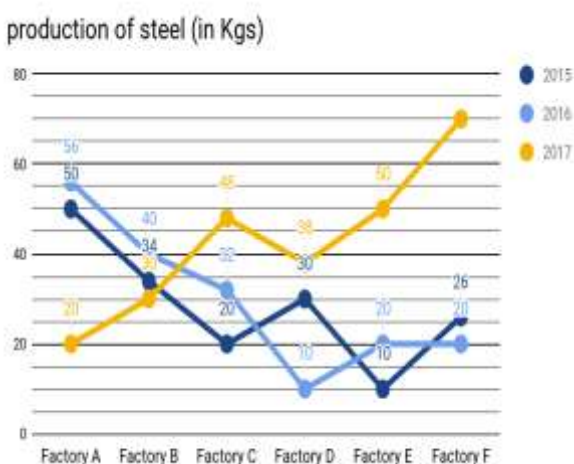
c) 74.9

d) 55

e) None of these

Directions (21-25):

Study the following information carefully and answer the questions given below



Q.21 Find the approximate average production of steel by all factories in 2017?

a) 35

b) 54

c) 43

d) 56

e) None of these

Q.22 By what percent is the production of steel in 2015 in factory D less than that of factory A in 2016?

a) 35.75%

b) 46.42%

c) 49.66%

d) 52.36%

e) None of these

Q.23 Which of the following factories shows a continuous increase in production of steel over the years?

a) Factory A

b) Factory B

c) Factory E

d) Factory C

e) None of these

Q.24 The amount of steel produced by factory C and E in 2016 is what percent more than that produced by factory A and B in 2017?

a) 4%



b) 5%

c) 3%

d) 7%

e) Cannot be determined

Q.25 What is the ratio of steel produced by factory F in 2016 to that factory D in 2017?

a) 7:15

b) 12:19

c) 8:13

d) 10:19

e) 11:15

Directions (26-34):

Find the wrong number in the series

Q.26 1 2 7 11 15 42 51

a) 2

b) 1

c) 7

d) 15

e) 51

Q.27 15 34 72 132 300 604

a) 132

b) 72

c) 34

d) 15

e) 604

Q.28 216 212 196 200 96 -4

a) 212

b) 200

c) 196

d) -4

e) None of these

Q.29 5.5 7.5 13.5 22.5 37.5 60.5

a) 5.5

b) 13.5

c) 60.5

d) 7.5

e) None of these

Q.30 3 1334 2063 2406 2498 2558

a) 2498

b) 1334

c) 3

d) 2558

e) 2063

Q.31 47 49 102 312 1256 3578

a) 47

b) 102

c) 312

d) 1256

e) 3578

Q.32 167 1895 1247 1407 1191 1255

- a) 1247
- b) 1895
- c) 167
- d) 1255
- e) 1191

Q.33 9 10 22 69 149 1405

- a) 69
- b) 149
- c) 9
- d) 10
- e) None of these

Q.34 15 64 5.92 8.304 14.8864

- 31.7728
- a) 64
- b) 5.92
- c) 31.7728
- d) 14.8864
- e) None of these

Directions (35-39):

Below are some questions with which two statements are given. Consider the statements and answer the questions which are sufficient for the questions.

Q.35 What are the minimum marks required to pass an examination?

I. Suresh got 42% marks in examination but failed by 10 marks. Akshita got 45% marks and got 13 marks more than passing marks.

II. A student will be declared passed if he secures 38.5% of total marks.

- a) Only I
- b) Only II
- c) Both I and II
- d) Neither I nor II
- e) Either I or II

Q.36 What is the value of B?

I. The ratio of A:B = 4:5

II. A is increased by 25% and 4 is added to it

- a) Only I
- b) Only II
- c) Both I and II
- d) Neither I nor II
- e) Either I or II

Q.37 What is the rate of interest per annum?

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I. The difference between CI and SI on an amount of Rs. 10000 in two years is 110.25.

II. The CI interest accrued in 8 years is more than the principal.

- a) Only I
- b) Only II
- c) Both I and II
- d) Neither I nor II
- e) Either I or II

Q.38 What is the age of Sonia 5 years ago?

I. The ratio of Sonia's and Saurabh's age is 10:5.

II. Difference between Saurabh's and Vishal's age is 12.

- a) Only I
- b) Only II
- c) Both I and II
- d) Neither I nor II
- e) Either I or II

Q.39 What is the area of circle?

I. The area of rectangle is 529 sq.cm.

II. The radius of circle is equal to the length of rectangle.

- a) Only I
- b) Only II

- c) Both I and II
- d) Neither I nor II
- e) Either I or II

Q. 40 A certain number of gift items has been distributed to the people attending a meeting. One of the member got $\frac{1}{7}$ th of the total gift items actually got 6 times the average number of gift items the others got. How many members are there in meeting?

- a) 47
- b) 36
- c) 37
- d) 50
- e) None of these

Q.41 Two trains A and B are travelling such that train A travelling at 47kmph takes 19 seconds to cross train B when travelling opposite directions. Whereas it takes 108 seconds to overtake it when travelling in same direction. If the length of train B is 800 meters, then find the length of train A.

- a) 3550 m
- b) 4572 m
- c) 2795 m
- d) 3104 m



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e) None of these

Q.42 A merchant has 27 kg of sugar. He sells part of it at 10% profit and rest at 16% profit. Thus, he gains 12% on the whole. Find the quantity he sold at 16% profit.

- a) 10 kg
- b) 8 kg
- c) 11 kg
- d) 9 kg
- e) None of these

Q.43 In a bottle, 35 litres of milk was mixed with 20 litres of water. Some of this mixture was taken out from bottle and put into a jar. When 6 litres of milk was added to jar, the resultant ration of milk to water in jar was 19:4. What was the amount of mixture taken out from bottle?

- a) 20.5 litres
- b) 15 litres
- c) 16.5 litres
- d) 19 litres
- e) None of these

Q.44 A bag contains 20 raspberries, out of which 10 are rotten. The remaining raspberries are in good condition. If 3 raspberries are drawn out randomly, then what is the probability that one of the raspberries drawn is rotten?

- a) 45/160
- b) 40/119
- c) 35/117
- d) 19/110
- e) 45/114

Q.45 A boat can travel 9 km downstream in 27 minutes and 8 km upstream in 32 minutes. What will be the total time taken by the boat to travel 48 km upstream and the same distance downstream together?

- a) 2 hours 30 minutes
- b) 5 hours 36 minutes
- c) 6 hours 25 minutes
- d) 4 hours 45 minutes
- e) None of these

Q.46 Ramesh labelled the price of his bicycle so as to earn a profit of 20% on cost price. He then sold his bicycle with a discount of 12% on the labelled price.





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Thus, what is the profit percentage earned by Ramesh?

- a) 5%
- b) 6.25%
- c) 9.5%
- d) 5.6%
- e) Can't be determined.

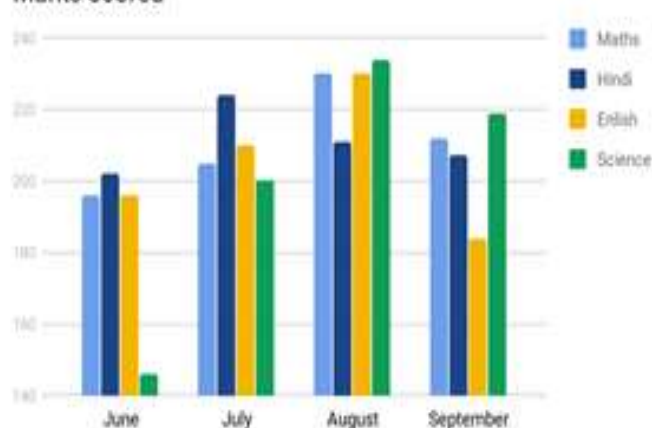
Q.47 HDFC Bank lent out two equal sum of loans at simple interest to one of the customer with the interest rate of 12% and 18% respectively. Bank recovered both theses loan with the difference of 3 years, in which latter sum was recovered first. The amount for both loan was 20,000. Find the duration of lending for which second loan was lent?

- a) 3 years
- b) 4 years
- c) 6 years
- d) 5 years
- e) None of these

Directions (48-50):

Suresh scored different marks in the monthly test in 4 different subjects. Study the information carefully from the given graph.

Marks scored



Q.48 What was the respective ratio between the marks obtained in English in September and in Hindi in June?

- a) 91:101
- b) 31:101
- c) 51:101
- d) 94:101
- e) None of these

Q.49 If the marks obtained in all the four subjects is more than 215, in which subject he has not scored more than 215 in august but scored in July?

- a) Maths
- b) Hindi
- c) English
- d) Science
- e) None of these



Q.50 If the marks scored in Maths is decreased by 20%, then what will be his marks in same subject in July?

a) 156

b) 162

c) 164

d) 152

e) None of these

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