

# APTITUDE

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A

Monday

B

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C

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2

A train 120 meters long is running with a speed of 60 km/hr. In what time will it pass a boy who is running at 6 km/hr in the direction opposite to that in which the train is going?

A

6.54 sec

B

44.32 sec

C

55 sec

D

30.2 sec



wer

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3 TOTAL DISTANCE.

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5 What is the value of  $x$  if  $2x + 3 = 15$  and  $4x = 8$ ?

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A	12	B	1/4
C	0.155	D	None of these

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6 P and Q take part in 100 m race. P runs at 6kmph. P gives Q a start of 8 m and still beats him by 8 seconds. The speed of Q is:

A	6.14 kmph	B	15.2 kmph
C	5 kmph	D	4.86 kmph

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7 Find the speed of the boat in still water, if a boat covers a certain distance upstream in 2

hours, while it comes back in  $1\frac{1}{2}$  hours. If the speed of the stream be 3 kmph.

<b>A</b> 12 Kmph	<b>B</b> 18 Kmph
<b>C</b> 21 Kmph	<b>D</b> 24 Kmph

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- 8** In covering a distance of 40 km, Kamlesh takes 2 hours more than Pankaj. If Kamlesh doubles his speed, then he would take 1 hour less than Pankaj. Then what is Kamlesh's speed?

<b>A</b> 11 Kmph	<b>B</b> 5 Kmph
<b>C</b> 9 Kmph	<b>D</b> 6 Kmph

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- 9** Find the speed of the train, if a train 142 m long passes a pole in 6 seconds.

<b>A</b> 77.2 km/hr	<b>B</b> 79.6 km/hr
<b>C</b> 84.9 km/hr	<b>D</b> 79.2 km/hr

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- 10** The rate at which a sum becomes four times of itself in 25 years at S.I., will be:

<b>A</b> 30%	<b>B</b> 25%
<b>C</b> 12%	<b>D</b> 49%

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- 11** Sum of present ages of A, B and C is 92 years. If 4 years ago, the ratio of their ages were 1:2:3 respectively, find A's present age.

<b>A</b>	18.5 year	<b>B</b>	14.8 years
<b>C</b>	17.3 years	<b>D</b>	20.3 years

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- 12** Mayur takes thrice as long to row a distance against the stream as to row the same distance in favor of the stream. The ratio of the speed of the boat(in still water) and the stream is:

<b>A</b>	3:1	<b>B</b>	1:3
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- 13** If 120 km is done by train and the rest by car, then it takes 8 hours for a 600 km journey. Of 200 km is done by train and the rest by car, then it takes 20 minutes more. Then what would be the ratio of the speed of the train to that of the car?

<b>A</b>	3:4	<b>B</b>	5:4
<b>C</b>	4:3	<b>D</b>	3:5

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- 14** 2 years ago A's age was 6 times of B's age. 6 years after the ratio between the ages of A and B becomes 10 : 3. What is A's present age?

<b>A</b>	44	<b>B</b>	38
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<b>C</b> 42	<b>D</b> 34
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- 15** Find the product of  

$$\frac{(8.77 \times 8.77 \times 8.77 + 4.23 \times 4.23 \times 4.23)}{(8.77 \times 8.77 - 8.77 \times 4.23 + 4.23 \times 4.23)}$$
 ?

<b>A</b> 11	<b>B</b> 4.54
<b>C</b> 8.77	<b>D</b> 13

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- 16** A girl bought 10 pencils for Rs. 50 and sold

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<b>A</b> 10%	<b>B</b> 5%
<b>C</b> 20%	<b>D</b> 12%

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- 17** 3 years back average age of A and B was 32.  
 Today average age of A,B and C is 30. What is the age of C?

<b>A</b> 5	<b>B</b> 10
<b>C</b> 15	<b>D</b> 20

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- 18** What is the unit digit in  $2^{30}$ ?

<b>A</b> 2	<b>B</b> 4
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<b>A</b> 3	<b>B</b> 4
<b>C</b> 1	<b>D</b> 2

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- 19** If each edge of a cube is increased by 50%, find the percentage increase in its surface area.

<b>A</b> 125%	<b>B</b> 150%
<b>C</b> 175%	<b>D</b> 110%

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- 20** I walk a certain distance and ride the car back taking a total time of 60 minutes. I could walk

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<b>A</b> 19 mins	<b>B</b> 20 mins
<b>C</b> 21 mins	<b>D</b> 22 mins

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- 21** If 9<sup>th</sup> of the month falls on the day preceding Sunday, then on what day will 1<sup>st</sup> of the month fall?

<b>A</b> Friday	<b>B</b> Saturday
<b>C</b> Sunday	<b>D</b> Monday

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- 22** The average of five numbers is 27. If one number is excluded, the average becomes 25. The excluded number is ?

<b>A</b> 25	<b>B</b> 35
<b>C</b> 45	<b>D</b> 55

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- 23** A man can do a piece of work in 60 hours. If he takes his son with him and both work together then the work is finished in 40 hours. How many hours will the son take to do the same job, if he worked alone on the job?

<b>A</b> 20	<b>B</b> 60
<b>C</b> 100	<b>D</b> 120

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- 24** I forgot the last digit of a 7 digit telephone number. If one randomly dial the final three digits after correctly dialling the four, then what is the chance of dialling the correct number?

<b>A</b> $\frac{1}{1000}$	<b>B</b> $\frac{1}{1001}$
<b>C</b> $\frac{1}{999}$	<b>D</b> $\frac{1}{990}$

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- 25** Find the remainder when  $67^{99}$  is divided by 7.

<b>A</b> 4	<b>B</b> 6
<b>C</b> 1	<b>D</b> 2

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- 26** On 5th December 1993, Nirmala and Raju celebrated their anniversary on Sunday. What will be the day of their anniversary in 1997 ?

<b>A</b> Wednesday	<b>B</b> Thursday
<b>C</b> Friday	<b>D</b> Tuesday

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- 27** A sum of money placed at compound interest doubles itself in 4 years. In how many years will it amount to 8 times?

<b>A</b> 9 years	<b>B</b> 8 years
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- 28** The average temperature for Wednesday, Thursday and Friday was  $40^{\circ}\text{C}$ . The average for Thursday, Friday and Saturday was  $41^{\circ}\text{C}$ . If temperature on Saturday was  $42^{\circ}\text{C}$ , what was the temperature on Wednesday?

<b>A</b>	<b>B</b>
39 degree celsius	44 degree celsius
<b>C</b>	<b>D</b>
38 degree celsius	41 degree celsius

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- 29** The difference between simple and compound interest for the fourth year is Rs. 7280 at 20% p.a. What is the principal sum?



p.d. what is the principal sum:

<b>A</b> 78653	<b>B</b> 67000
<b>C</b> 50000	<b>D</b> 55000

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**30** Half percent, written as a decimal, is

<b>A</b> 0.2	<b>B</b> 0.02
<b>C</b> 0.005	<b>D</b> 0.05

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<b>A</b> 0	<b>B</b> 1
<b>C</b> 2	<b>D</b> 5

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**32** The number of oranges in three basket are in the ratio 3 : 4 : 5. In which ratio the no. of oranges in first two basket must be increased so that the new ratio becomes 5 : 4 : 3 ?

<b>A</b> 3:4	<b>B</b> 2:1
<b>C</b> 2:3	<b>D</b> 1:3

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**33** The cost of setting up a magazine is Rs. 2800.  
The cost of paper and ink etc is Rs. 80 per 100

copies and printing cost is Rs. 160 per 100 copies. In last month 2000 copies were printed but only 1500 copies could be sold at Rs. 5 each. Total 25% profit on the sale price was realized. There is one more resource of income from magazine which is advertising. What sum of money obtained from the advertising in magazine?

<b>A</b>	Rs.1750	<b>B</b>	Rs.2350
<b>C</b>	Rs.1150	<b>D</b>	Rs.1975

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**34** Today is Monday. After 63 days, it will be :

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**35** Avinash covers a distance of 8km in 50 minutes. If he covers 3km distance in  $\frac{2}{5}$ th of time then, What speed should he maintain to cover the remaining distance in the remaining time?

<b>A</b>	13 Kmph	<b>B</b>	14 Kmph
<b>C</b>	15 Kmph	<b>D</b>	11 Kmph

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**36** Fresh fruit contains 68% water and dry fruit contains 20% water. How much dry fruit can be obtained from 100 kg of fresh fruits ?

<b>A</b>	20	<b>B</b>	30
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<b>C</b> 40	<b>D</b> 50
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- 37** In a two-digit number, the digit in the unit's place is more than twice the digit in ten's place by 1. If the digits in the unit's place and the ten's place are interchanged, difference between the newly formed number and the original number is less than the original number by 1. What is the original number ?

<b>A</b> 35	<b>B</b> 36
<b>C</b> 37	<b>D</b> 39

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- 38** Find the odd man out?  
396, 462, 572, 427, 671, 264.

<b>A</b> 671	<b>B</b> 462
<b>C</b> 427	<b>D</b> 264

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- 39** Three numbers are in the ratio 4 : 5 : 6 and their average is 25. The largest number is :

<b>A</b> 30	<b>B</b> 40
<b>C</b> 50	<b>D</b> 60

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- 40** The diagonal of a rectangle is  $\sqrt{41}$  cm and its area is 20 sq cm. The

area is 20 sq. cm. The perimeter of the rectangle must be:

<b>A</b> 18	<b>B</b> 28
<b>C</b> 38	<b>D</b> 48

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- 41** A and B invest in a business in the ratio 3 : 2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is :

<b>A</b> 500	<b>B</b> 1000
<b>C</b> 1500	<b>D</b> 2000

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- 42** What annual installment will discharge a debt of Rs 1092 due in 3 years at 12% simple interest?

<b>A</b> 325	<b>B</b> 545
<b>C</b> 560	<b>D</b> 550

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- 43** A mixture contains alcohol and water in the ratio 4 : 3. If 5 liters of water is added to the mixture, the ratio becomes 4: 5. Find the quantity of alcohol in the given mixture.

<b>A</b> 10	<b>B</b> 12
<b>C</b> 15	<b>D</b> 18

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- 44** The total age of A and B is 12 years more than the total age of B and C. C is how many years younger than A ?

<b>A</b> 12	<b>B</b> 13
<b>C</b> 14	<b>D</b> 15

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- 45** When 0.36 is written in simplest form, the sum of the numerator and the denominator is :

<b>A</b> 15	<b>B</b> 34

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- 46** Jack takes 20 minutes to jog around the race course one time, and 25 minutes to jog around a second time. What is his average speed in miles per hour for the whole jog if the course is 3 miles long?

<b>A</b> 6	<b>B</b> 8
<b>C</b> 9	<b>D</b> 10

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- 47** The greatest number which on dividing 1657 and 2037 leaves remainders 6 and 5 respectively, is:

<b>A</b> 123	<b>B</b> 127
<b>C</b> 235	<b>D</b> 305

233	303
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48 The interger value of x at which inequality fails,  
 $3x + 12 \leq 18$

A 1	B -7
C -4	D 2

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49 If 6th March, 2005 is Monday, what was the  
day of the week on 6th March, 2004?

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50 The maximum gap between two successive  
leap year is?

A 4	B 8
C 2	D 1

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51 What was the day of the week on 20 may, 1985  
?

A Monday	B Sunday
C Saturday	D Tuesday

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- 52** A clock loses 1% time during the first week and then gains 2% time during the next one week. If the clock was set right at 12 noon on a Sunday, what will be the time shown by the clock exactly 14 days from the time it was set right?

<b>A</b>	1:36:48	<b>B</b>	1:40:48
<b>C</b>	1:41:24	<b>D</b>	10:19:12

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- 53** A runs 25% faster than B and is able to allow B a lead of 7 meters to end a race in dead heat.

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<b>A</b>	10 meters	<b>B</b>	25 meters
<b>C</b>	35 meters	<b>D</b>	5 meters

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- 54** The driver of a maruti car driving at a speed of 68km/h locates a bus 40m ahead of him. After 10sec the bus is 60m behind. The speed of the bus is

<b>A</b>	30km/hr	<b>B</b>	32km/hr
<b>C</b>	25km/hr	<b>D</b>	38km/hr

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- 55** A train 150 m long is running with a speed of 68 kmph. In what time will it pass a man who is running at 8 kmph in the same direction in which the train is moving?

which the train is going :

<b>A</b> 6s	<b>B</b> 9s
<b>C</b> 10s	<b>D</b> 12s

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**56** A shepherd has 1 million sheep at the beginning of Year 2000. The numbers grow by  $x$  during the year. A famine hits his village in the next year and many of his sheep die. The sheep population decreases by  $y$  during 2001 and at the beginning of 2002 the shepherd finds that he is left with 1 million sheep. Which of the following is correct?

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<b>C</b> $x=y$	cannot be determined
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**57** A person starting with 64 rupees and making 6 bets, wins three times and loses three times, the wins and loses occurring in random order. The chance for a win is equal to the chance for a loss. If each wager is for half the money remaining at the time of the bet, then the final result is:

<b>A</b> A gain of Rs 27	<b>B</b> A loss of 37
<b>C</b>	<b>D</b> A gain or a loss depending upon the



Neither gain or a loss

depending upon the order in which the wins and losses occur

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- 58** A magician holds one six-sided die in his left hand and two in his right. What is the probability the number on the dice in his left hand is greater than the sum of the dice in his right?

**A** 7/108

**B** 5/54

**C** 1/9

**D** 2/17

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**A** 250

**B** 252

**C** 276

**D** 300

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- 60** The average age of a class of 22 students is 21 years. The average increased by 1 when the teacher's age also included. What is the age of the teacher?

**A** 48

**B** 45

**C** 43

**D** 44

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- 61** Ayisha's age is  $\frac{1}{6}$ th of her father's age. Avisha's father's age will be twice the age of

My father's present age will be three times the age of Shankar's age after 10 years. If Shankar's eighth birthday was celebrated two years before, then what is Ayisha 's present age.?

<b>A</b> 10 years	<b>B</b> 12 years
<b>C</b> 8 years	<b>D</b> 5 years

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**62** My brother is 3 years elder to me. My father was 28 years of age when my sister was born while my mother was 26 years of age when I was born. If my sister was 4 years of age when my brother was born, then what was the age my father when my brother was born?

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33 years

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32 years

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**63** A is as much younger than B as he is older than C. If the sum of the ages of B and C is 50 years, what is exactly the difference between B and A's age?

<b>A</b> Data inadequate	<b>B</b> 3 years
<b>C</b> 5 years	<b>D</b> 2 years

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**64** Sobha's father was 38 years of age when she was born while her mother was 36 years old when her brother four years younger to her was born. What is the difference between the

ages of her parents?

<b>A</b> 6 years	<b>B</b> 5 years
<b>C</b> 4 years	<b>D</b> 3 years

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- 65** An error 2% in excess is made while measuring the side of a square. What is the percentage of error in the calculated area of the square?

<b>A</b> 4.04 %	<b>B</b> 2.02 %
<b>C</b> 4 %	<b>D</b> 2 %

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- 66** A square, when breadth, reduced to 10% of its length and 10% of its breadth. What is the percentage of decrease in area?

<b>A</b> 30 %	<b>B</b> 28 %
<b>C</b> 32 %	<b>D</b> 26 %

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- 67** The length of a room is 5.5 m and width is 3.75 m. What is the cost of paying the floor by slabs at the rate of Rs. 800 per sq. metre.

<b>A</b> Rs.12000	<b>B</b> Rs.16000
<b>C</b> Rs.18000	<b>D</b> Rs.16500

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- 68** The length of a rectangle is twice its breadth. If its length is decreased by 5 cm and breadth is increased by 5 cm, the area of the rectangle is increased by 75 sq.cm. What is the length of the rectangle?

<b>A</b> 18 cm	<b>B</b> 16 cm
<b>C</b> 40 cm	<b>D</b> 20 cm

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- 69** If the difference between the length and breadth of a rectangle is 23 m and its perimeter is 206 m, what is its area?

<b>A</b> 2800 m <sup>2</sup>	<b>B</b> 2740 m <sup>2</sup>
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- 70** What is the least number of squares tiles required to pave the floor of a room 15 m 17 cm long and 9 m 2 cm broad?

<b>A</b> 814	<b>B</b> 802
<b>C</b> 836	<b>D</b> 900

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- 71** Find the odd man out:  
4, 9, 256, 529, 573

<b>A</b> 256	<b>B</b> 573
<b>C</b> 529	<b>D</b> 9

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- 72** In a single throw of two dice , find the probability that neither a doublet nor a total of 8 will appear.

<b>A</b> 7/15	<b>B</b> 5/18
<b>C</b> 13/18	<b>D</b> 3/16

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- 73** A division of a company consists of seven men and five women. If two of these twelve employees are randomly selected as representatives of the division, what is the probability that both representatives will be

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<b>A</b> 1/6	<b>B</b> 2/5
<b>C</b> 2/9	<b>D</b> 5/33

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- 74** What day of the week does May 28 2006 fall on ?

<b>A</b> Saturday	<b>B</b> Monday
<b>C</b> Sunday	<b>D</b> Thursday

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- 75** How many days are there in x weeks x days ?

<b>A</b> 14x	<b>B</b> 8x
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<b>C</b> $7x^2$	<b>D</b> 7
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- 76** The calendar for the year 2007 will be the same for the year

<b>A</b> 2017	<b>B</b> 2018
<b>C</b> 2014	<b>D</b> 2016

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- 77** Arun went for a movie nine days ago. He goes to watch movies only on Thursdays. What day of the week is today?

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<b>C</b> Friday	<b>D</b> Sunday
-----------------	-----------------

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- 78** If the seventh day of a month is three days earlier than Friday, What day will it be on the nineteenth day of the month?

<b>A</b> Saturday	<b>B</b> Monday
<b>C</b> Sunday	<b>D</b> Wednesday

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- 79** X and Y invest Rs.21000 and Rs.17500 respectively in a business. At the end of the year, they make a profit of Rs.26400. What is the share of X in the profit?

<b>A</b>	14400	<b>B</b>	26400
<b>C</b>	12000	<b>D</b>	12500

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- 80** Kamal started a business with Rs.25000 and after 4 months, Kiran joined him with Rs.60000. Kamal received Rs.58000 including 10% of profit as commission for managing the business. What amount did Kiran receive?

<b>A</b>	75000	<b>B</b>	70000
<b>C</b>	72000	<b>D</b>	78000

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- 81** A Search a company te 1/4  
Of the capital for 15 months & B received 2/3  
of the profit . For how long B's money was used  
?

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<b>A</b>	12 months	<b>B</b>	10 months
<b>C</b>	14 months	<b>D</b>	16 months

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- 82** There are 10 items in a box, out of which 3 are defective. 2 items are taken one after the other. What is the probability that both of them are defective?

<b>A</b>	4/60	<b>B</b>	3/60
<b>C</b>	2/60	<b>D</b>	Both A and B

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- 83** A vendor sold the item at Rs. 500 with a profit margin of 25%. What is the cost price of the item?

<b>A</b>	400	<b>B</b>	375
<b>C</b>	425	<b>D</b>	350

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- 84** A shopkeeper bought a box of 100 toffees for Rs. 200. His son ate 10 toffees (ofcourse, without paying!). At what S.P should each toffee be sold so shopkeeper makes an overall profit of 20%?

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- 85** A petrol pump owner mixes 1 litre of solvent in 9 litres of Petrol. The cost price of solvent is Rs. 10 per litre and that of petrol is Rs.70 per litre. The selling price of the mixture is Rs. 76.8 per litre. What is the profit percentage?

<b>A</b>	20%	<b>B</b>	15%
<b>C</b>	10%	<b>D</b>	7.5%

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- 86** Let N be the greatest number that will divide 1305, 4665 and 6905, leaving the same remainder in each case. The sum of the digits in N is :



<b>A</b> 4	<b>B</b> 5
<b>C</b> 6	<b>D</b> 8

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- 87** Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds is:

<b>A</b> 1:2	<b>B</b> 3:4
<b>C</b> 3:2	<b>D</b> None of these

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- 88** [T Search a company](#) is **3.75**  
m. Find the cost of paving the floor by slabs at the rate of Rs.800 per sq. metre.

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<b>A</b> Rs.15,600	<b>B</b> Rs.15,550
<b>C</b> Rs.15,000	<b>D</b> Rs.16,500

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- 89** A rectangular parking space is marked out by painting three of its sides. If the length of the unpainted side is 9 feet, and the sum of the lengths of the painted sides is 37 feet, then what is the area of the parking space in square feet?

<b>A</b> 81	<b>B</b> 126
<b>C</b> 46	<b>D</b> 252

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- 90** The difference between the length and breadth of a rectangle is 23 m. If its perimeter is 206 m, then its area in  $m^2$  is

<b>A</b> 2420	<b>B</b> 2480
<b>C</b> 2520	<b>D</b> 1520

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- 91** What will be the cost of gardening 1 meter broad boundary around a rectangular plot having perimeter of 340 meters at the rate of Rs.10 per square meter?

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Cannot be determined

**D** None of these

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- 92** Given that 27th February 2003 is a Thursday. What day of the week was 27th February 1603?

<b>A</b> Monday	<b>B</b> Thursday
<b>C</b> Sunday	<b>D</b> Tuesday

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- 93** 2 meters broad pathway is to be constructed around a rectangular plot on the inside. The area of the plot is 96 sq.m. The rate of construction is Rs.50 per square meter. Find the total cost of the construction?

<b>A</b> Rs.4000	<b>B</b> Rs.2400
<b>C</b> Rs.4800	<b>D</b> Data inadequate

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- 94** My father was 30 years of age when my sister was born. My mother was 38 years of age when I was born. My sister was 6 years of age when my brother was born who is 3 years elder to me. What was the age of my father and my mother during the birth of my brother?

<b>A</b> 41, 36	<b>B</b> 34, 38
-----------------	-----------------

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- 95** The ratio of the current ages of Ajay and Vijay is 7:4. The ratio between Ajay's age 6 years ago and Vijay's age 6 years from now is 1:1. Find the ratio between Ajay's age after 12 years and Vijay's age 12 years ago.

<b>A</b> 12:1	<b>B</b> 10:1
<b>C</b> 1:1	<b>D</b> None of these

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- 96** Functions  $f$  and  $g$  are defined by:  
 $f(x) = 1/x + 3x$  and  $g(x) = -1/x + 6x - 4$   
 The domain of  $(f+g)(x)$  is:

<b>A</b>	<b>B</b>
----------	----------

$(-\infty, 4) \cup (0, +\infty)$	$(-\infty, 0) \cup (0, +\infty)$
<b>C</b>	
$(-\infty, 0) \cup (0, 9)$	<b>D</b> None of these

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**97** The range of the function  $f(x) = x^2 - 4x + 9$  is:

	<b>B</b>
<b>A</b> $[5, 9]$	$[-5, +\infty)$
<b>C</b> $[-5, 9]$	<b>D</b> $[-5, 5]$

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**98** The average weight of 8 persons increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of new person?

<b>A</b> 76 kg	<b>B</b> 76.5 kg
<b>C</b> 85 kg	<b>D</b> None of these

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**99** The captain of a cricket team of 11 players is 26 years old and the wicket keeper is 3 years older. If the ages of these two are excluded the average age of remaining players is one year less than the average age whole team. What is the average age of the team?

<b>A</b> 23 Years	<b>B</b> 24 Years
-------------------	-------------------

<b>C</b> 25 Years	<b>D</b> None of these
-------------------	------------------------

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**100** How many days are there in a leap year?

<b>A</b> 365	<b>B</b> 366
<b>C</b> 364	<b>D</b> 363

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**101** If birthday of Raj was celebrated on 5th January, Tuesday 1993 what would be the day when he celebrates his 21st birthday?

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<b>C</b> Thursday	<b>D</b> Wednesday
-------------------	--------------------

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**102** Today is 29th November, 2015 is a Sunday. What would be 364th day from now?

<b>A</b> Sunday	<b>B</b> Monday
<b>C</b> Saturday	<b>D</b> Friday

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**103** What would be the person's age after 180 months if his current age is 28 years?

<b>A</b> 43 years	<b>B</b> 42 years
<b>C</b> 41 years	<b>D</b> 40 years

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**104** What is 12 percent of 80 percent of 50?

<b>A</b> 5	<b>B</b> 6
<b>C</b> 4.8	<b>D</b> 3.6

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**105** A person walks at 5kmph for 6hr and at 4km/h for 12hr. His average speed is ?

<b>A</b>	
<b>C</b>	8 1/4` km/hr
<b>D</b>	9 km/hr

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**106** A man can cover a distance in 1 hr 24min by covering 2/3 of the distance at 4 km/h and the rest at 5km/h. The total distance is

<b>A</b> 4km	<b>B</b> 6.5km
<b>C</b> 9km	<b>D</b> 6km

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**107** In covering a distance of 30 km, A takes 2 hours more than B. If A doubles his speed, then he would take 1 hour less than B. A's speed is:

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<b>A</b> 5 1/4km/hr	<b>B</b> 5km/hr
<b>C</b> 8km/hr	<b>D</b> 6km/hr

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- 108** Walking at the rate of 4kmph a man cover certain distance in 2hr 45 min. Running at a speed of 16.5 kmph the man will cover the same distance in.

<b>A</b> 39min.	<b>B</b> 47min.
<b>C</b> 40min.	<b>D</b> 41min.

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- 109** [Search a company](#) [ace](#) [BLOG](#) [WRITE A REVIEW](#)  
 T walk at a rate of 5kmph and 5.5kmph respectively. What time will they take to be 8.5km apart, if they walk in the same direction?

<b>A</b> 17hrs.	<b>B</b> 18hrs.
<b>C</b> 17 1/30hrs.	<b>D</b> 16hrs.

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- 110** A man covers a distance on scooter. Had he moved 3kmph faster he would have taken 40 min less. If he had moved 2kmph slower, he would have taken 40min more. The distance is?

<b>A</b> 40km.	<b>B</b> 41km.
<b>C</b> 35km.	<b>D</b> 39km.

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- 111** A motorist covers a distance of 39km in 45min by moving at a speed of  $x$  kmph for the first 15min, then moving at double the speed for the next 20 min, and then again moving at his original speed for the rest of the journey. Find  $x$ ?

<b>A</b> 36km/hr.	<b>B</b> 35km/hr.
<b>C</b> 37km/hr.	<b>D</b> 34km/hr.

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- 112** A & B are two towns. A person covers the distance from A to B on cycle at 17kmph and returns to A by a boat running at a uniform speed of 8kmph. His average speed for the

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<b>A</b> 10.88kmph.	<b>B</b> 10.99kmph.
<b>C</b> 10kmph.	<b>D</b> 12.33kmph.

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- 113** A car covers 4 successive 3km stretches at speed of 10kmph, 20kmph, 30kmph & 60kmph resp. Its average speed is?

<b>A</b> 20kmph.	<b>B</b> 30kmph.
<b>C</b> 25kmph.	<b>D</b> 27kmph.

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- 114** if it takes 60 seconds to complete one round around the clock what would be the time required to complete 1200 rounds of the same clock



<b>A</b>			
	1200 minutes	<b>B</b>	3 hours
<b>C</b>	42000 secs	<b>D</b>	45000 secs

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**115** Find the odd number:  
2,3,5,19,25,31,37

<b>A</b>	5	<b>B</b>	25
<b>C</b>	19	<b>D</b>	31

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**116** Find the odd number.  
1,1,2,3,3,4,5,9,8

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<b>A</b>	9	<b>B</b>	8
<b>C</b>	2	<b>D</b>	3

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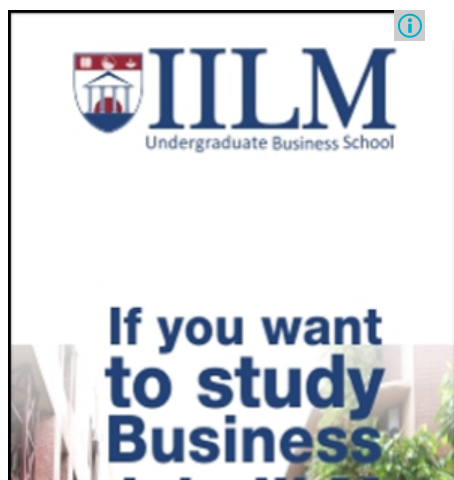
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