QUESTION BANK

APTITUDE

PROBLEMS ON TRAINS

1. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

120 metres

180 metres

324 metres

150 metres

Answer: B

1. A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

45 km/hr

50 km/hr

54 km/hr

55 km/hr

Answer: B

1. The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:

200 m

225 m

245 m

250 m

Answer: C

1. 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:

1 : 3

3 : 2

3 : 4

None of these

Answer: B

1. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

120 m

240 m

300 m

None of these

Answer: B

1. A train 240 m long passes a pole in 24 seconds. How long will it take to pass a platform 650 m long?

65 sec

89 sec

100 sec

150 sec

Answer: B

1. Two trains of equal length are running on parallel lines in the same direction at 46 km/hr and 36 km/hr. The faster train passes the slower train in 36 seconds. The length of each train is:

50 m

72 m

80 m

82 m

Answer: A

1. A train 360 m long is running at a speed of 45 km/hr. In what time will it pass a bridge 140 m long?

40 sec

42 sec

45 sec

48 sec

Answer: A

1. Two trains are moving in opposite directions @ 60 km/hr and 90 km/hr. Their lengths are 1.10 km and 0.9 km respectively. The time taken by the slower train to cross the faster train in seconds is:

36

45

48

49

Answer: C

1. A jogger running at 9 kmph alongside a railway track in 240 metres ahead of the engine of a 120 metres long train running at 45 kmph in the same direction. In how much time will the train pass the jogger?

3.6 sec

18 sec

36 sec

72 sec

Answer: C

1. A 270 metres long train running at the speed of 120 kmph crosses another train running in opposite direction at the speed of 80 kmph in 9 seconds. What is the length of the other train?

230 m

240 m

260 m

320 m

None of these

Answer: A

1. A goods train runs at the speed of 72 kmph and crosses a 250 m long platform in 26 seconds. What is the length of the goods train?

230 m

240 m

260 m

270 m

Answer: D

1. Two trains, each 100 m long, moving in opposite directions, cross each other in 8 seconds. If one is moving twice as fast the other, then the speed of the faster train is:

30 km/hr

45 km/hr

60 km/hr

75 km/hr

Answer: C

1. Two trains 140 m and 160 m long run at the speed of 60 km/hr and 40 km/hr respectively in opposite directions on parallel tracks. The time (in seconds) which they take to cross each other, is:

9

9.6

10

10.8

Answer: D

1. A train 110 metres long is running with a speed of 60 kmph. In what time will it pass a man who is running at 6 kmph in the direction opposite to that in which the train is going?

5 sec

6 sec

7 sec

10 sec

Answer: B

1. A train travelling at a speed of 75 mph enters a tunnel 31/2 miles long. The train is 1 / 4 long. How long does it take for the train to pass through the tunnel from the moment the front enters to the moment the rear emerges?

2.5 min

3 min

3.2 min

3.5 min

Answer: B

1. A train 800 metres long is running at a speed of 78 km/hr. If it crosses a tunnel in 1 minute, then the length of the tunnel (in meters) is:

130

360

500

54

Answer: C

1. A 300 metre long train crosses a platform in 39 seconds while it crosses a signal pole in 18 seconds. What is the length of the platform?

320 m

350 m

650 m

Data inadequate

Answer: B

1. A train speeds past a pole in 15 seconds and a platform 100 m long in 25 seconds. Its length is:

50 m

150 m

200 m

Data inadequate

Answer: B

1. A train moves past a telegraph post and a bridge 264 m long in 8 seconds and 20 seconds respectively. What is the speed of the train?

69.5 km/hr

70 km/hr

79 km/hr

79.2 km/hr

Answer: D

1. How many seconds will a 500-metre-long train take to cross a man walking with a speed of 3 km/hr in the direction of the moving train if the speed of the train is 63 km/hr?

25

30

40

45

Answer: B

1. Two goods train each 500 m long, are running in opposite directions on parallel tracks. Their speeds are 45 km/hr and 30 km/hr respectively. Find the time taken by the slower train to pass the driver of the faster one.

12 sec

24 sec

48 sec

60 sec

Answer: B

1. Two trains are running in opposite directions with the same speed. If the length of each train is 120 metres and they cross each other in 12 seconds, then the speed of each train (in km/hr) is:

10

18

36

72

Answer: C

1. Two trains of equal lengths take 10 seconds and 15 seconds respectively to cross a telegraph post. If the length of each train be 120 metres, in what time (in seconds) will they cross each other travelling in opposite direction?

10

12

15

20

25.

Answer: B

1. A train 108 m long moving at a speed of 50 km/hr crosses a train 112 m long coming from opposite direction in 6 seconds. The speed of the second train is:

48 km/hr

54 km/hr

66 km/hr

82 km/hr

Answer: D

1. Two trains are running at 40 km/hr and 20 km/hr respectively in the same direction. Fast train completely passes a man sitting in the slower train in 5 seconds. What is the length of the fast train?

23 m

23 2 / 9 m

27 7 / 9 m

29 m

Answer: C

1. A train overtakes two persons who are walking in the same direction in which the train is going, at the rate of 2 kmph and 4 kmph and passes them completely in 9 and 10 seconds respectively. The length of the train is:

45 m

50 m

54 m

72 m

Answer: B

1. A train overtakes two persons walking along a railway track. The first one walks at 4.5 km/hr. The other one walks at 5.4 km/hr. The train needs 8.4 and 8.5 seconds respectively to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?

66 km/hr

72 km/hr

78 km/hr

81 km/hr

Answer: D

1. A train travelling at 48 kmph completely crosses another train having half its length and travelling in opposite direction at 42 kmph, in 12 seconds. It also passes a railway platform in 45 seconds. The length of the platform is

400 m

450 m

560 m

600 m

Answer: A

1. Two stations A and B are 110 km apart on a straight line. One train starts from A at 7 a.m. and travels towards B at 20 kmph. Another train starts from B at 8 a.m. and travels towards A at a speed of 25 kmph. At what time will they meet?

9 a.m.

10 a.m.

10.30 a.m.

11 a.m.

Answer: B

HEIGHTS AND DISTANCE

1. Two ships are sailing in the sea on the two sides of a lighthouse. The angle of elevation of the top of the lighthouse is observed from the ships are 30° and 45° respectively. If the lighthouse is 100 m high, the distance between the two ships is:

173 m

200 m

273 m

300 m

Answer: C

1. A man standing at a point P is watching the top of a tower, which makes an angle of elevation of 30° with the man's eye. The man walks some distance towards the tower to watch its top and the angle of the elevation becomes 60°. What is the distance between the base of the tower and the point P?

43 units

8 units

12 units

Data inadequate

None of these

Answer: D

1. The angle of elevation of a ladder leaning against a wall is 60° and the foot of the ladder is 4.6 m away from the wall. The length of the ladder is:

2.3 m

4.6 m

7.8 m

9.2 m

Answer: D

1. An observer 1.6 m tall is 203 away from a tower. The angle of elevation from his eye to the top of the tower is 30°. The height of the tower is:

21.6 m

23.2 m

24.72 m

None of these

Answer: A

1. From a point P on a level ground, the angle of elevation of the top tower is 30°. If the tower is 100 m high, the distance of point P from the foot of the tower is:

149 m

156 m

173 m

200 m

Answer: C

1. The angle of elevation of the sun, when the length of the shadow of a tree 3 times the height of the tree, is:

30°

45°

60°

90°

Answer: A

SIMPLE INTEREST

1. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:

Rs. 650

Rs. 690

Rs. 698

Rs. 700

Answer: C

1. 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?

Rs. 6400

Rs. 6500

Rs. 7200

Rs. 7500

None of these

Answer: A

1. A sum fetched a total simple interest of Rs. 4016.25 at the rate of 9 p.c.p.a. in 5 years. What is the sum?

Rs. 4462.50

Rs. 8032.50

Rs. 8900

Rs. 8925

None of these

Answer: D

1. 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?

3.5 years

4 years

4.5 years

5 years

Answer: B

1. Reena took a loan of Rs. 1200 with simple interest for as many years as the rate of interest. If she paid Rs. 432 as interest at the end of the loan period, what was the rate of interest?

3.6

6

18

Cannot be determined

None of these

Answer: B

1. 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?

3%

4%

5%

6%

None of these

Answer: D

1. An automobile financier claims to be lending money at simple interest, but he includes the interest every six months for calculating the principal. If he is charging an interest of 10%, the effective rate of interest becomes:

10%

10.25%

10.5%

None of these

Answer: B

1. A lent Rs. 5000 to B for 2 years and Rs. 3000 to C for 4 years on simple interest at the same rate of interest and received Rs. 2200 in all from both of them as interest. The rate of interest per annum is:

5%

7%

7 1/8%

10%

Answer: D

1. A sum of Rs. 725 is lent in the beginning of a year at a certain rate of interest. After 8 months, a sum of Rs. 362.50 more is lent but at the rate twice the former. At the end of the year, Rs. 33.50 is earned as interest from both the loans. What was the original rate of interest?

3.6%

4.5%

5%

6%

None of these

Answer: E

1. A man took loan from a bank at the rate of 12% p.a. simple interest. After 3 years he had to pay Rs. 5400 interest only for the period. The principal amount borrowed by him was:

Rs. 2000

Rs. 10,000

Rs. 15,000

Rs. 20,000

Answer: C

1. A sum of money amounts to Rs. 9800 after 5 years and Rs. 12005 after 8 years at the same rate of simple interest. The rate of interest per annum is:

5%

8%

12%

15%

Answer: C

1. 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?

1 : 3

1 : 4

2 : 3

Data inadequate

None of these

Answer: C

1. A certain amount earns simple interest of Rs. 1750 after 7 years. Had the interest been 2% more, how much more interest would it have earned?

Rs. 35

Rs. 245

Rs. 350

Cannot be determined

None of these

Answer: D

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

Rs. 112.50

Rs. 125

Rs. 225

Rs. 167.50

Answer: A

PROFIT AND LOSS

1. Alfred buys an old scooter for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5800, his gain percent is:

4 4/7%

5 5/11%

10%

12%

Answer: B

1. The cost price of 20 articles is the same as the selling price of *x* articles. If the profit is 25%, then the value of *x* is:

15

16

18

25

Answer: B

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

66 2/3

100

105 1/3

120

Answer: B

1. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

30%

70%

100%

250%

Answer: B

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

3

4

5

6

Answer: C

1. The percentage profit earned by selling an article for Rs. 1920 is equal to the percentage loss incurred by selling the same article for Rs. 1280. At what price should the article be sold to make 25% profit?

Rs. 2000

Rs. 2200

Rs. 2400

Data inadequate

Answer: A

1. A shopkeeper expects a gain of 22.5% on his cost price. If in a week, his sale was of Rs. 392, what was his profit?

Rs. 18.20

Rs. 70

Rs. 72

Rs. 88.25

Answer: C

1. A man buys a cycle for Rs. 1400 and sells it at a loss of 15%. What is the selling price of the cycle?

Rs. 1090

Rs. 1160

Rs. 1190

Rs. 1202

Answer: C

1. Sam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit?

3.5

4.5

5.6

6.5

Answer: C

1. Some articles were bought at 6 articles for Rs. 5 and sold at 5 articles for Rs. 6. Gain percent is:

30%

33 1/3%

35%

44%

Answer: D

1. On selling 17 balls at Rs. 720, there is a loss equal to the cost price of 5 balls. The cost price of a ball is:

Rs. 45

Rs. 50

Rs. 55

Rs. 60

Answer: D

1. When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%?

Rs. 21,000

Rs. 22,500

Rs. 25,300

Rs. 25,800

Answer: C

1. 100 oranges are bought at the rate of Rs. 350 and sold at the rate of Rs. 48 per dozen. The percentage of profit or loss is:

14 2/7% gain

15% gain

14 2/7% loss

15 % loss

Answer: A

1. A shopkeeper sells one transistor for Rs. 840 at a gain of 20% and another for Rs. 960 at a loss of 4%. His total gain or loss percent is:

5 15/17% loss

5 15/17% gain

6 2/3% gain

None of these

Answer: B

1. 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:

No profit, no loss

5%

8%

10%

None of these

Answer: B

PERCENTAGE

1. A batsman scored 110 runs which included 3 boundaries and 8 sixes. What percent of his total score did he make by running between the wickets?

45%

45 5/11%

54 6/11%

55%

Answer: B

1. 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:

39, 30

41, 32

42, 33

43, 34

Answer: C

1. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:

588 apples

600 apples

672 apples

700 apples

Answer: D

1. What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit?

1

14

20

21

Answer: C

1. If A = *x*% of *y* and B = *y*% of *x*, then which of the following is true?

A is smaller than B.

A is greater than B

Relationship between A and B cannot be determined.

If *x* is smaller than *y*, then A is greater than B.

None of these

Answer: E

1. If 20% of *a* = *b*, then *b*% of 20 is the same as:

4% of *a*

5% of *a*

20% of *a*

None of these

Answer: A

1. In a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is 2/3 of the number of students of 8 years of age which is 48. What is the total number of students in the school?

72

80

120

150

100

Answer: E

1. Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B. Find the ratio of A : B.

2 : 3

1 : 1

3 : 4

4 : 3

Answer: D

1. A student multiplied a number by 3/5 instead of 5/3. What is the percentage error in the calculation?

34%

44%

54%

64%

Answer: D

1. 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:

2700

2900

3000

3100

Answer: A

1. Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?

57%

60%

65%

90%

Answer: A

1. Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week?

Rs. 200

Rs. 250

Rs. 300

None of these

Answer: B

1. Gauri went to the stationers and bought things worth Rs. 25, out of which 30 paise went on sales tax on taxable purchases. If the tax rate was 6%, then what was the cost of the tax free items?

Rs. 15

Rs. 15.70

Rs. 19.70

Rs. 20

Answer: C

1. Rajeev buys good worth Rs. 6650. He gets a rebate of 6% on it. After getting the rebate, he pays sales tax @ 10%. Find the amount he will have to pay for the goods.

Rs. 6876.10

Rs. 6999.20

Rs. 6654

Rs. 7000

Answer: A

1. The population of a town increased from 1,75,000 to 2,62,500 in a decade. The average percent increase of population per year is:

4.37%

5%

6%

8.75%

Answer: B

CALENDAR

1. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

Sunday

Saturday

Friday

Wednesday

Answer: C

1. What was the day of the week on 28th May, 2006?

Thursday

Friday

Saturday

Sunday

Answer: D

1. What was the day of the week on 17th June, 1998?

Monday

Tuesday

Wednesday

Thursday

Answer: C

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

Sunday

Monday

Tuesday

Friday

Answer: A

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

Wednesday

Saturday

Tuesday

Thursday

Answer: B

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

Sunday

Saturday

Tuesday

Wednesday

Answer: A

1. On what dates of April, 2001 did Wednesday fall?

1st, 8th, 15th, 22nd, 29th

2nd, 9th, 16th, 23rd, 30th

3rd, 10th, 17th, 24th

4th, 11th, 18th, 25th

Answer: D

1. How many days are there in *x* weeks *x* days?

7*x*2

8*x*

14*x*

7

Answer: B

1. The last day of a century cannot be

Monday

Wednesday

Tuesday

Friday

Answer: C

1. On 8th Feb, 2005 it was Tuesday. What was the day of the week on 8th Feb, 2004?

Tuesday

Monday

Sunday

Wednesday

Answer: C

1. The calendar for the year 2007 will be the same for the year:

2014

2016

2017

2018

Answer: D

1. Which of the following is not a leap year?

700

800

1200

2000

Answer: A

1. On 8th Dec, 2007 Saturday falls. What day of the week was it on 8th Dec, 2006?

Sunday

Thursday

Tuesday

Friday

Answer: D

1. January 1, 2008 is Tuesday. What day of the week lies on Jan 1, 2009?

Monday

Wednesday

Thursday

Sunday

Answer: C

1. January 1, 2007 was Monday. What day of the week lies on Jan. 1, 2008?

Monday

Tuesday

Wednesday

Sunday

Answer: B

AVERAGE

1. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

6.25

6.5

6.75

7

Answer: A

1. A family consists of two grandparents, two parents and three grandchildren. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family?

28 4/7 years

31 5/7 years

32 1/7 years

None of these

Answer: B

1. A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500?

Rs. 4991

Rs. 5991

Rs. 6001

Rs. 6991

Answer: A

1. The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero?

0

1

10

19

Answer: D

1. The average weight of 8 person's 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 the new person?

76 kg

76.5 kg

85 kg

Data inadequate

None of these

Answer: C

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

23 years

24 years

25 years

None of these

Answer: A

1. The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is:

3500

4000

4050

5000

Answer: B

1. The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The present age of the husband is:

35 years

40 years

50 years

None of these

Answer: B

1. A car owner buys petrol at Rs.7.50, Rs. 8 and Rs. 8.50 per litre for three successive years. What approximately is the average cost per litre of petrol if he spends Rs. 4000 each year?

Rs. 7.98

Rs. 8

Rs. 8.50

Rs. 9

Answer: A

1. In Arun's opinion, his weight is greater than 65 kg but less than 72 kg. His brother does not agree with Arun and he thinks that Arun's weight is greater than 60 kg but less than 70 kg. His mother's view is that his weight cannot be greater than 68 kg. If all are them are correct in their estimation, what is the average of different probable weights of Arun?

67 kg.

68 kg.

69 kg.

Data inadequate

None of these

Answer: A

1. The average weight of A, B and C is 45 kg. If the average weight of A and B be 40 kg and that of B and C be 43 kg, then the weight of B is:

17 kg

20 kg

26 kg

31 kg

Answer: D

1. The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg. Find the average weights of all the boys in the class.

47.55 kg

48 kg

48.55 kg

49.25 kg

Answer: C

1. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:

250

276

280

285

Answer: D

1. If the average marks of three batches of 55, 60 and 45 students respectively is 50, 55, 60, then the average marks of all the students is:

53.33

54.68

55

None of these

Answer: B

1. A pupil's marks were wrongly entered as 83 instead of 63. Due to that the average marks for the class got increased by half (1/2). The number of pupils in the class is:

10

20

40

73

Answer: C

VOLUME AND SURFACE AREA

1. A right triangle with sides 3 cm, 4 cm and 5 cm is rotated the side of 3 cm to form a cone. The volume of the cone so formed is:

12 cm3

15 cm3

16 cm3

20 cm3

Answer: A

1. In a shower, 5 cm of rain falls. The volume of water that falls on 1.5 hectares of ground is:

75 cu. m

750 cu. m

7500 cu. m

75000 cu. m

Answer: B

1. A hall is 15 m long and 12 m broad. If the sum of the areas of the floor and the ceiling is equal to the sum of the areas of four walls, the volume of the hall is:

720

900

1200

1800

Answer: C

1. 66 cubic centimetres of silver is drawn into a wire 1 mm in diameter. The length of the wire in metres will be:

84

90

168

336

Answer: A

1. A hollow iron pipe is 21 cm long and its external diameter is 8 cm. If the thickness of the pipe is 1 cm and iron weighs 8 g/cm3, then the weight of the pipe is:

3.6 kg

3.696 kg

36 kg

36.9 kg

Answer: B

1. A boat having a length 3 m and breadth 2 m is floating on a lake. The boat sinks by 1 cm when a man gets on it. The mass of the man is:

12 kg

60 kg

72 kg

96 kg

Answer: B

1. 50 men took a dip in a water tank 40 m long and 20 m broad on a religious day. If the average displacement of water by a man is 4 m3, then the rise in the water level in the tank will be:

20 cm

25 cm

35 cm

50 cm

Answer: B

1. The slant height of a right circular cone is 10 m and its height is 8 m. Find the area of its curved surface.

30 m2

40 m2

60 m2

80 m2

Answer: C

1. A cistern 6m long and 4 m wide contains water up to a depth of 1 m 25 cm. The total area of the wet surface is:

49 m2

50 m2

53.5 m2

55 m2

Answer: A

1. A metallic sheet is of rectangular shape with dimensions 48 m x 36 m. From each of its corners, a square is cut off so as to make an open box. If the length of the square is 8 m, the volume of the box (in m3) is:

4830

5120

6420

8960

Answer: B

1. The curved surface area of a cylindrical pillar is 264 m2 and its volume is 924 m3. Find the ratio of its diameter to its height.

3 : 7

7 : 3

6 : 7

7 : 6

Answer: B

1. A cistern of capacity 8000 litres measures externally 3.3 m by 2.6 m by 1.1 m and its walls are 5 cm thick. The thickness of the bottom is:

90 cm

1 dm

1 m

* 1. cm

Answer: B

1. What is the total surface area of a right circular cone of height 14 cm and base radius 7 cm?

344.35 cm2

462 cm2

498.35 cm2

None of these

Answer: C

1. A large cube is formed from the material obtained by melting three smaller cubes of 3, 4 and 5 cm side. What is the ratio of the total surface areas of the smaller cubes and the large cube?

2 : 1

3 : 2

25 : 18

27 : 20

Answer: C

1. How many bricks, each measuring 25 cm x 11.25 cm x 6 cm, will be needed to build a wall of 8 m x 6 m x 22.5 cm?

5600

6000

6400

7200

Answer: B

NUMBERS

1. Which one of the following is not a prime number?

31

61

71

91

Answer: D

1. (112 x 54) = ?

67000

70000

76500

77200

Answer: B

1. It is being given that (232 + 1) is completely divisible by a whole number. Which of the following numbers is completely divisible by this number?

(216 + 1)

(216 - 1)

(7 x 223)

(296 + 1)

Answer: D

1. What least number must be added to 1056, so that the sum is completely divisible by 23 ?

2

3

18

21

None of these

Answer: A

1. 1397 x 1397 = ?

1951609

1981709

18362619

2031719

None of these

Answer: A

1. How many of the following numbers are divisible by 132 ?  
   264, 396, 462, 792, 968, 2178, 5184, 6336

4

5

6

7

Answer: A

1. (935421 x 625) = ?

575648125

584638125

584649125

585628125

Answer: B

1. The largest 4 digit number exactly divisible by 88 is:

9944

9768

9988

8888

None of these

Answer: A

1. Which of the following is a prime number ?

33

81

93

97

Answer: D

1. What is the unit digit in {(6374)1793 x (625)317 x (341491)}?

0

2

3

5

Answer: A

1. 5358 x 51 = ?

273258

273268

273348

273358

Answer: A

1. The sum of first five prime numbers is:

11

18

26

28

Answer: D

1. The difference of two numbers is 1365. On dividing the larger number by the smaller, we get 6 as quotient and the 15 as remainder. What is the smaller number ?

240

270

295

360

Answer: B

1. (12)3 x 64 ÷ 432 = ?

5184

5060

5148

5084

None of these

Answer: A

1. 72519 x 9999 = ?

725117481

674217481

685126481

696217481

None of these

Answer: A

1. If the number 517\*324 is completely divisible by 3, then the smallest whole number in the place of \* will be:

0

1

2

None of these

Answer: C

1. The smallest 3 digit prime number is:

101

103

109

113

Answer: A

1. Which one of the following numbers is exactly divisible by 11?

235641

245642

315624

415624

Answer: D

1. (?) - 19657 - 33994 = 9999

63650

53760

59640

61560

None of these

Answer: A

1. The sum of first 45 natural numbers is:

1035

1280

2070

2140

Answer: A

1. Which of the following number is divisible by 24 ?

35718

63810

537804

3125736

Answer: D

1. 753 x 753 + 247 x 247 - 753 x 247

753 x 753 x 753 + 247 x 247 x 247

1 / 1000

1 / 506

253 / 500

None of these

Answer: A

1. (?) + 3699 + 1985 - 2047 = 31111

34748

27474

30154

27574

None of these

Answer: B

1. If the number 481 \* 673 is completely divisible by 9, then the smallest whole number in place of \* will be:

2

5

6

7

None of these

Answer: D

1. The difference between the local value and the face value of 7 in the numeral 32675149 is

75142

64851

5149

69993

None of these

Answer: D

1. The difference between a positive proper fraction and its reciprocal is 9/20. The fraction is:

3 / 5

3 / 10

4 / 5

4 / 3

Answer: C

1. On dividing a number by 56, we get 29 as remainder. On dividing the same number by 8, what will be the remainder ?

4

5

6

7

Answer: B

1. If n is a natural number, then (6n2 + 6n) is always divisible by:

6 only

6 and 12 both

12 only

by 18 only

Answer: B

1. 107 x 107 + 93 x 93 = ?

19578

19418

20098

21908

None of these

Answer: C

1. What will be remainder when (6767 + 67) is divided by 68 ?

1

63

66

67

Answer: C

AREA

1. The ratio between the length and the breadth of a rectangular park is 3 : 2. If a man cycling along the boundary of the park at the speed of 12 km/hr completes one round in 8 minutes, then the area of the park (in sq. m) is:

15360

153600

30720

307200

Answer: B

1. An error 2% in excess is made while measuring the side of a square. The percentage of error in the calculated area of the square is:

2%

2.02%

4%

4.04%

Answer: D

1. The ratio between the perimeter and the breadth of a rectangle is 5 : 1. If the area of the rectangle is 216 sq. cm, what is the length of the rectangle?

16 cm

18 cm

24 cm

Data inadequate

None of these

Answer: B

1. The percentage increase in the area of a rectangle, if each of its sides is increased by 20% is:

40%

42%

44%

46%

Answer: C

1. A rectangular park 60 m long and 40 m wide has two concrete crossroads running in the middle of the park and rest of the park has been used as a lawn. If the area of the lawn is 2109 sq. m, then what is the width of the road?

2.91 m

3 m

5.82 m

None of these

Answer: B

1. The diagonal of the floor of a rectangular closet is 7 1/2 feet. The shorter side of the closet is 4 1/2  feet. What is the area of the closet in square feet?

5 1/4

13 1/2

27

37

Answer: C

1. A towel, when bleached, was found to have lost 20% of its length and 10% of its breadth. The percentage of decrease in area is:

10%

10.08%

20%

28%

Answer: D

1. A man walked diagonally across a square lot. Approximately, what was the percent saved by not walking along the edges?

20

24

30

33

Answer: C

1. The diagonal of a rectangle is 41 cm and its area is 20 sq. cm. The perimeter of the rectangle must be:

9 cm

18 cm

20 cm

41 cm

Answer: B

1. 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?

814

820

840

844

Answer: A

1. The difference between the length and breadth of a rectangle is 23 m. If its perimeter is 206 m, then its area is:

1520 m2

2420 m2

2480 m2

2520 m2

Answer: D

1. The length of a rectangle is halved, while its breadth is tripled. What is the percentage change in area?

25% increase

50% increase

50% decrease

75% decrease

Answer: B

1. The length of a rectangular plot is 20 metres more than its breadth. If the cost of fencing the plot @ 26.50 per metre is Rs. 5300, what is the length of the plot in metres?

40

50

120

Data inadequate

None of these

Answer: E

1. A rectangular field is to be fenced on three sides leaving a side of 20 feet uncovered. If the area of the field is 680 sq. feet, how many feet of fencing will be required?

34

40

68

88

Answer: D

1. A tank is 25 m long, 12 m wide and 6 m deep. The cost of plastering its walls and bottom at 75 paise per sq. m, is:

Rs. 456

Rs. 458

Rs. 558

Rs. 568

Answer: C

VERBAL

ANTONYMS

1. ENORMOUS

Soft

Average

Tiny

Weak

Answer: C

1. COMMISSIONED

Started

Closed

Finished

Terminated

Answer: D

1. ARTIFICIAL

Red

Natural

Truthful

Solid

Answer: B

1. EXODUS

Influx

Home-coming

Return

Restoration

Answer: A

1. RELINQUISH

Abdicate

Renounce

Possess

Deny

Answer: A

1. EXPAND

Convert

Condense

Congest

Conclude

Answer: B

1. MORTAL

Divine

Immortal

Spiritual

Eternal

Answer: B

1. QUIESCENT

ACTIVE

Dormant

Weak

Unconcerned

Answer: A

1. OBEYING

Ordering

Following

Refusing

Contradicting

Answer: A

1. FRAUDULENT

Candid

Direct

Forthright

Genuine

Answer: D

1. FLAGITIOUS

Innocent

Vapid

Ignorant

Frivolous

Answer: A

1. BELITTLE

Criticize

Flatter

Exaggerate

Adore

Answer: C

1. STARTLED

Amused

Relaxed

Endless

Astonished

Answer: B

1. BUSY

Occupied

Engrossed

Relaxed

Engaged

Answer: C

1. FRESH

Faulty

Sluggish

Disgraceful

Stale

Answer: D

SPELLINGS

Find the correctly spelt words.

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/#direction) given above)

Efficient

Treatmeant

Beterment

Employd

Answer: A

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/#direction) given above)

Foreign

Foreine

Fariegn

Foreign

Answer: A

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/#direction) given above)

Ommineous

Omineous

Ominous

Omenous

Answer: C

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/#direction) given above)

Pessenger

Passenger

Pasanger

Pesanger

Answer: B

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/#direction) given above)

Benefitted

Benifited

Benefited

Benefeted

Answer: C

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008002#direction) given above)

Treachrous

Trecherous

Trechearous

Treacherous

Answer: D

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008002#direction) given above)

Forcast

Forecaste

Forcaust

Forecast

Answer: D

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008002#direction) given above)

Rigerous

Rigourous

Regerous

Rigorous

Answer: D

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008002#direction) given above)

Palete

Palet

Palate

Pelate

Answer: C

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008002#direction) given above)

Bouquete

Bouquette

Bouquet

Boqquet

Answer: C

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008003#direction) given above)

Vetarinary

Veteninary

Vetinary

Veterinary

Answer: D

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008003#direction) given above)

Chancelary

Chancellery

Chancelery

Chancellary

Answer: B

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008003#direction) given above)

Excessive

Exccessive

Exxcesive

Excesive

Answer: A

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008003#direction) given above)

Indipensable

Indipenseble

Indispansible

Indispensable

Answer: D

1. (solve as per the [**direction**](https://www.indiabix.com/verbal-ability/spellings/008003#direction) given above)

Humorous

Ganerous

Pupolous

Maretorious

Answer: A

ORDERING OF WORDS

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

1. When he

|  |  |
| --- | --- |
| P : | did not know |
| Q : | he was nervous and |
| R : | heard the hue and cry at midnight |
| S : | what to do |

The Proper sequence should be:

RQPS

QSPR

SQPR

PQRS

Answer: A

1. It has been established that

|  |  |
| --- | --- |
| P : | Einstein was |
| Q : | although a great scientist |
| R : | weak in arithmetic |
| S : | right from his school days |

The Proper sequence should be:

SRPQ

QPRS

QPSR

RQPS

Answer: B

1. Then

|  |  |
| --- | --- |
| P : | it struck me |
| Q : | of course |
| R : | suitable it was |
| S : | how eminently |

The Proper sequence should be:

SPQR

QSRP

PSRQ

QPSR

Answer: C

1. I read an advertisement that said

|  |  |
| --- | --- |
| P : | posh, air-conditioned |
| Q : | gentleman of taste |
| R : | are available for |
| S : | fully furnished rooms |

The Proper sequence should be:

PQRS

PSRQ

PSQR

SRPQ

Answer: B

1. Since the beginning of history

|  |  |
| --- | --- |
| P : | have managed to catch |
| Q : | the Eskimos and Red Indians |
| R : | by a very difficulty method |
| S : | a few specimens of this aquatic animal |

The Proper sequence should be:

QRPS

SQPR

SQRP

QPSR

Answer: D

1. A French woman

|  |  |
| --- | --- |
| P : | committed suicide |
| Q : | where she had put up |
| R : | who had come to Calcutta |
| S : | by jumping from the first floor balcony of the hotel |
|  |  |

The Proper sequence should be:

PRQS

QSRP

RPSQ

SRQP

Answer: C

1. The national unity of a free people

|  |  |
| --- | --- |
| P : | to make it impracticable |
| Q : | for there to be an arbitrary administration |
| R : | depends upon a sufficiently even balance of political power |
| S : | against a revolutionary opposition that is irreconcilably opposed to it |

The Proper sequence should be:

QRPS

QRSP

RPQS

RSPQ

Answer: D

1. The grocer

|  |  |
| --- | --- |
| P : | did not listen to the protests of customer |
| Q : | who was in the habit of weighing less |
| R : | whom he had cheated |
| S : | with great audacity |

The Proper sequence should be:

PRSQ

QSPR

QPRS

PQSR

Answer: C

1. They felt safer

|  |  |
| --- | --- |
| P : | to watch the mountain |
| Q : | of more than five miles |
| R : | as they settled down |
| S : | from a distance |

The Proper sequence should be:

RPSQ

RSQP

PQSR

PRSQ

Answer: A

1. People

|  |  |
| --- | --- |
| P : | at his dispensary |
| Q : | went to him |
| R : | of all professions |
| S : | for medicine and treatment |

The Proper sequence should be:

QPRS

RPQS

RQSP

QRPS

Answer: C

1. If you need help

|  |  |
| --- | --- |
| P : | promptly and politely |
| Q : | ask for attendants |
| R : | to help our customers |
| S : | who have instructions |
|  |  |

The Proper sequence should be:

SQPR

QPSR

QSRP

SQRP

Answer: C

1. It is easier

|  |  |
| --- | --- |
| P : | to venture into space |
| Q : | for men |
| R : | beneath their feet |
| S : | than to explore |

The Proper sequence should be:

QRPS

QPSR

PSRQ

PQSR

Answer: B

1. It was to be

|  |  |
| --- | --- |
| P : | before their school examination |
| Q : | which was due to start |
| R : | the last expedition |
| S : | in a month's |

The Proper sequence should be:

SRQP

RQSP

RPQS

SPRQ

Answer: C

1. This time

|  |  |
| --- | --- |
| P : | exactly what he had been told |
| Q : | the young man did |
| R : | beyond his dreams |
| S : | and the plan succeeded |

The Proper sequence should be:

QPRS

QPSR

PQSR

QSRP

Answer: B

1. In the darkness

|  |  |
| --- | --- |
| P : | the long, narrow beard |
| Q : | was clearly visible with |
| R : | the tall stooping figure of the doctor |
| S : | and the aquiline nose |

The Proper sequence should be:

RQPS

PSQR

RSQP

QPRS

Answer: A

SENTENCE IMPROVEMENT

In questions given below, a part of the sentence is *italicised and underlined*. Below are given alternatives to the italicised part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer.

1. The workers are *hell bent at getting* what is due to them.

hell bent on getting

hell bent for getting

hell bent upon getting

No improvement

Answer: C

1. When it was feared that the serfs might go too far and gain their freedom from serfdom, the protestant leaders joined the princes *at crushing* them.

into crushing

in crushing

without crushing

No improvement

Answer: B

1. *If the room had been brighter*, I would have been able to read for a while before bed time.

If the room was brighter

If the room are brighter

Had the room been brighter

No improvement

Answer: C

1. The record for the biggest tiger hunt has not been *met* since 1911 when Lord Hardinge then Viceroy of India, shot a tiger than measured 11 feet and 6 inches.

improved

broken

bettered

No improvement

Answer: B

1. *his powerful desire* brought about his downfall.

His intense desire

His desire for power

His fatal desire

No improvement

Answer: B

1. Will you kindly *open* the knot?

untie

break

loose

No improvement

Answer: A

1. He *sent a word* to me that he would be coming late.

sent word

had sent a word

sent words

No improvement

Answer: A

1. John *had told* me that he hasn't done it yet.

told

tells

was telling

No improvement

Answer: B

1. If he *had* time he will call you.

would have

would have had

has

No improvement

Answer: C

1. Will you *lend me few rupees* in this hour of need?

lend me any rupees

borrow me a few rupees

lend me a few rupees

No improvement

Answer: C

1. During his long discourse, he did not *touch* that point.

touch upon

touch on

touch of

No improvement

Answer: B

1. He found a *wooden broken chair* in the room.

wooden and broken chair

broken wooden chair

broken and wooden chair

No improvement

Answer: B

1. He could not *look* anything in the dark room.

look at

see

see through

No improvement

Answer: B

1. The greatest thing in style is to have a *use* of metaphor.

knowledge

command

need

No improvement

Answer: A

1. While crossing the highway a five year old child was knocked *out* by a passing car.

away

up

down

No improvement

Answer: C

SYNONYMS

In the following the questions choose the word which best expresses the meaning of the given word.

1. CORPULENT

Lean

Gaunt

Emaciated

Obese

Answer: D

1. BRIEF

Limited

Small

Little

Short

Answer: D

1. EMBEZZLE

Misappropriate

Balance

Remunerate

Clear

Answer: A

1. VENT

Opening

Stodge

End

Past tense of go

Answer: A

1. AUGUST

Common

Ridiculous

Dignified

Petty

Answer: C

1. CANNY

Obstinate

Handsome

Clever

Stout

Answer: C

1. ALERT

Energetic

Observant

Intelligent

Watchful

Answer: D

1. WARRIOR

Soldier

Sailor

Pirate

Spy

Answer: A

1. DISTANT

Far

Removed

Reserved

Separate

Answer: A

1. ADVERSITY

Failure

Helplessness

Misfortune

Crisis

Answer: C

1. FAKE

Original

Imitation

Trustworthy

Loyal

Answer: B

1. INDICT

Condemn

Reprimand

Accuse

Allege

Answer: C

1. STRINGENT

Dry

Strained

Rigorous

Shrill

Answer: C

1. LAMENT

Complain

Comment

Condone

Console

Answer: A

1. HESITATED

Stopped

Paused

Slowed

Postponed

Answer: B

COMPLETING STATEMENTS

In each question, an incomplete statement (Stem) followed by fillers is given. Pick out the best one which can complete incomplete stem correctly and meaningfully.

1. Despite his best efforts to conceal his anger ......

we could detect that he was very happy

he failed to give us an impression of his agony

he succeeded in camouflaging his emotions

he could succeed in doing it easily

people came to know that he was annoyed

Answer: E

1. Even if it rains I shall come means ......

if I come it will not rain

if it rains I shall not come

I will certainly come whether it rains or not

whenever there is rain I shall come

I am less likely to come if it rains

Answer: C

1. His appearance is unsmiling but ......

his heart is full of compassion for others

he looks very serious on most occasions

people are afraid of him

he is uncompromising on matters of task performance

he is full of jealousy towards his colleagues

Answer: A

1. She never visits any zoo because she is strong opponent of the idea of ......

setting the animals free into forest

feeding the animals while others are watching

watching the animals in their natural abode

going out of the house on a holiday

holding the animals in captivity for our joy

Answer: E

1. I felt somewhat more relaxed ......

but tense as compared to earlier

and tense as compared to earlier

as there was already no tension at all

and tension-free as compared to earlier

because the worry had already captured by mind

Answer: D

1. It is not easy to remain tranquil when those around you ......

behave in a socially acceptable manner

exhibit pleasant mannerism

are losing their heads

agree to whatever you say

exhibit generous and magnanimous gestures

Answer: C

1. "The food in this hotel is no match to what were forced at late hours in Hotel Kohinoor " means ......

The food in this hotel is quite good compared to what we ate at kohinoor

Hotel kohinoor served us good quality food than what we get here

Both hotels have maintained good quality of food

Both hotels serve poor quality of food

it is better to eat food than remain hungry

Answer: B

1. Although initial investigations pointed towards him ......

the preceding events corroborated his involvement in the crime

the additional information confirmed his guilt

the subsequent events established that he was guilt

the subsequent events proved that he was innocent

he gave an open confession of his crime

Answer: D

1. The weather outside was extremely pleasant and hence we decided to ......

utilise our time in watching the television

refrain from going out for a morning walk

enjoy a morning ride in the open

employ this rare opportunity for writing letters

remain seated in our rooms in the bungalow

Answer: C

1. "It is an uphill task but you will have to do it" means ......

The work is above the hill and you will have to do it

It is a very easy task but you must do it

It is very difficult task but you have to do it

This work is not reserved for you but you will have to do it

It is almost impossible for others but you can do it

Answer: C

1. " You are thinking very highly about Ravi but he is not so" means ......

Ravi is as good as you think about him

You have a good opinion about Ravi but he is not as good as you think

Your view about Ravi is philosophical, keep it up

Ravi is much better, than what you think of him

You have a good opinion about Ravi but he does not have a good opinion about you

Answer: B

1. "Anand stuck up a friendship with Mahesh in just 2 days" means ......

Anand friendship with Mahesh came to an end recently

Anand found out the other friends of Mahesh

Anand fixed a deal with Mahesh in 2 days

Anand's friendship with Mahesh lasted for 2 years

Anand became a friend of Mahesh in less than 2 days

Answer: E

1. Although, he is reputed for making very candid statements ......

his today speech was not fairly audible

his promises had always been realistic

his speech was very interesting

people follow whatever he instructs to them

his today's statements were very ambiguous

Answer: E

1. The manager would like you to help Dhiraj, means ......

the manager would like you if you help Dhiraj

the manager desires you to help Dhiraj

the manager likes you because you help Dhiraj

Dhiraj expects the manager to tell you to help him

it will be a help to the manager if you like Dhiraj

Answer: B

1. Owing to the acute power shortage, the people of our locality have decided to ......

dispense with other non-conventional energy sources

resort to abundant use of electricity for illumination

off-switch the electrical appliance while not in use

explore other avenues for utilising the excess power

resort to use of electricity only when it is inevitable

Answer: E

PARAGRAPH FORMATION

Rearrange the following five sentences in proper sequence so as to for a meaningful paragraph, then answer the questions given below them.

1. After Examining him, the doctor smiled at him mischievously and took out a syringe.
2. Thinking that he was really sick, his father summoned the family doctor.
3. That day, Mintu wanted to take a day off from school
4. Immediately, Mintu jumped up from his bed and swore the he was fine
5. Therefor; he pretended to be sick and remained in bed.
6. Which sentence should come **third** in the paragraph?

1

2

3

4

5

Answer: B

1. Which sentence should come **last** in the paragraph?

1

2

3

4

5

Answer: D

1. Which sentence should come **fourth** in the paragraph?

1

2

3

4

5

Answer: A

1. Which sentence should come **second** in the paragraph?

1

2

3

4

5

Answer: E

1. Which sentence should come **first** in the paragraph?

1

2

3

4

5

Answer: C

Read the following five sentences and rearrange them to make a coherent and logical paragraph. After deciding the sequence, answer the questions given below.

1. In his literacy work he spoke of that province of human life which mere intellect does not speak.
2. He has also given innocent joy to many children by his stories like 'Kabuliwalah'
3. These songs are sung not only in bengal but all over the country.
4. Rabindranath's great works sprang from intensity of vision and feelings.
5. He sang of beauty and heroism, nobility and charm.
6. Which sentence should come **fourth** in the paragraph?

1

2

3

4

5

Answer: E

1. Which sentence should come **third** in the paragraph?

1

2

3

4

5

Answer: B

1. Which sentence should come **second** in the paragraph?

1

2

3

4

5

Answer: A

1. Which sentence should come **fifth** in the paragraph?

1

2

3

4

5

Answer: C

1. Which sentence should come **first** in the paragraph?

1

2

3

4

5

Answer: D

Read the following five sentences in the proper sequence so as to form a meaningful paragraph, then answer the questions given below them.

1. I reached office at 11 O' clock after sending the money.
2. Some money had to be sent to my parents.
3. After that, I spent almost an hour at the Post Office.
4. Therefore, I went to bank to withdraw some money.
5. However, I had no money with me.
6. Which sentence should come **third** in the paragraph?

1

2

3

4

5

Answer: D

1. Which sentence should come **first** in the paragraph?

1

2

3

4

5

Answer: B

1. Which sentence should come **fifth** in the paragraph?

1

2

3

4

5

Answer: A

1. Which sentence should come **fourth** in the paragraph?

1

2

3

4

5

Answer: C

1. Which sentence should come **second** in the paragraph?

1

2

3

4

5

Answer: E

CHANGE OF VOICE

1. After driving professor Kumar to the museum she dropped him at his hotel.

After being driven to the museum, Professor Kumar was dropped at his hotel.

Professor Kumar was being driven dropped at his hotel.

After she had driven Professor Kumar to the museum she had dropped him at his hotel.

After she was driven Professor Kumar to the museum she had dropped him at his hotel.

Answer: A

1. I remember my sister taking me to the museum.

I remember I was taken to the museum by my sister.

I remember being taken to the museum by my sister.

I remember myself being taken to the museum by my sister.

I remember taken to the museum by my sister.

Answer: B

1. Who is creating this mess?

Who has been created this mess?

By whom has this mess been created?

By whom this mess is being created?

By whom is this mess being created?

Answer: D

1. They greet me cheerfully every morning.

Every morning I was greeted cheerfully.

I am greeted cheerfully by them every morning.

I am being greeted cheerfully by them every morning.

Cheerful greeting is done by them every morning to me

Answer: B

1. Darjeeling grows tea.

Tea is being grown in Darjeeling.

Let the tea be grown in Darjeeling.

Tea is grown in Darjeeling.

Tea grows in Darjeeling.

Answer: C

1. They have built a perfect dam across the river.

Across the river a perfect dam was built.

A perfect dam has been built by them across the river.

A perfect dam should have been built by them.

Across the river was a perfect dam.

Answer: B

1. Do you imitate others?

Are others being imitated by you?

Are others imitated by you?

Have others being imitated by you?

Were others being imitated by you?

Answer: B

1. You need to clean your shoes properly.

Your shoes are needed to clean properly.

You are needed to clean your shoes properly.

Your shoes need to be cleaned properly.

Your shoes are needed by you to clean properly.

Answer: C

1. He is said to be very rich.

He said he is very rich.

People say he is very rich.

He said it is very rich.

People say it is very rich.

Answer: B

1. The invigilator was reading out the instructions.

The instructions were read by the invigilator.

The instructions were being read out by the invigilator.

The instructions had been read out by the invigilator.

The instructions had been read by the invigilator.

Answer: B

1. You can play with these kittens quite safely.

These kittens can played with quite safely.

These kittens can play with you quite safely.

These kittens can be played with you quite safely.

These kittens can be played with quite safely.

Answer: D

1. A child could not have done this mischief.

This mischief could not be done by a child.

This mischief could not been done by a child.

This mischief could not have been done by a child.

This mischief a child could not have been done.

Answer: C

1. James Watt discovered the energy of steam.

The energy of steam discovered James Watt.

The energy of steam was discovered by James Watt.

James Watt was discovered by the energy of steam.

James Watt had discovered energy by the steam.

Answer: B

1. She makes cakes every Sunday.

Every Sunday cakes made by her.

Cakes are made by her every Sunday.

Cakes make her every Sunday.

Cakes were made by her every Sunday.

Answer: B

1. She spoke to the official on duty.

The official on duty was spoken to by her

The official was spoken to by her on duty.

She was spoken to by the official on duty.

She was the official to be spoken to on duty.

Answer: A

PROGRAMMING

C ++