1. A can do a piece of work in 4 hours. A and C together can do it in just 2 hours. While B and c together need 3 hours to finish the same work. B alone can complete the work in … hours.
2. 12 hrs
3. 6 hrs
4. 8 hrs
5. 10 hrs
6. A train passes a platform in 36 seconds. The same train passes a man standing on the platform 20 seconds. If the speed of the train is 54 km/hr. the length of the platform is.
7. None of these
8. 280 M
9. 200 M
10. 240 M
11. A, B and C are positive numbers. Their average is less than sum of average of all possible pairs of the numbers by 40. What is the average of the three positive numbers?
12. 25
13. 30
14. 15
15. 20
16. A man can row 7.5 kmph in still water and he finds that it takes him twice as long to row up as to row down the river. Find the rate of stream.
17. 10 km/HR
18. 5 km/HR
19. 2.5km/HR
20. 7.5 km /HR
21. If = 10s, then x = ?
22. 200
23. 220
24. 280
25. 210
26. From a group of 7 men and 6 women, five persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done?
27. 812
28. 756
29. 702
30. 624
31. Two pipes A and B together can fill a cistern in 4 hours. Had they been opened separately, then B would have taken 6 hours more than A to fill the cistern. How much time will be taken by A to fill the cistern separately?
32. 4 Hrs
33. 2 HRs
34. 6 HRs
35. 3 Hrs

**PEOL APTITUDE**

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

A. 450m B. 400m

C. 560m D. 600m

2. A Works twice as fast as B. if B can complete a work in 12 days independently, the number of days in which A and B can together finish the work in:

A. 18 Days B. 8 Days

C. 6 Days D. 4 Days

3. 13 buckets of water fill a tank when the capacity of each bucket is 51 litres. How many buckets will be needed to fill the same tank, if the capacity of each buckets in 17 litres?

A. 33 B. 29

C. 39 D. 42

4. 8, 12, 18, 27, 40.5, (….)

A. 60.5 B. 58

C. 60.75 D. 62

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

A. 76,375 B. 74,600

C. 70,000 D. 82,150

6. A person has to cover a distance of 6km in 45 minutes. If he covers one-half of the distance in two-thirds of the total time; to cover the remaining distance in the remaining time, what should be his speed in km/hr?

A. 14 km/hr B. 12km/hr

C. 10 km/hr D. 8 km/hr

7. John and Dani go for an interview for two vacancies. The probability for the selection of John is 1/3 and whereas the probability for the selection of Dani is 1/5. What is the probability that none of them are selected?

A. 3/5 B. 7/12

C. 8/15 D. 1/5

8. A question paper has two parts P and Q, each containing 10 questions. If a student needs to choose 8 from part P and 4 from part Q, in how many ways can he do that?

A. None of these B. 6020

C. 9490 D. 1200

9. If 6 years subtracted from the present age of Ajay and the remainder is divided by 18, then the present age of Rahul is obtained. If rahul is 2 years younger to Denis whose age is 5 years, then what is Ajay’s present age?

A. 60yrs B. 50 yrs

C. 48 yrs D. 55 yrs

10. 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, find out the area of the parking space in square feet?

A. 102sq.ft B. 64 sq.ft

C. 100sq.ft D. 126sq.ft

11. A watch which gains uniformly is 2 minutes low at noon on Monday and is 4 min, 48 sec fast at 2 p.m. on the following Monday. When was it correct?

A. 2 p.m on Wednesday B. 2 p.m onTuesday

C. 3 p.m on Firday D. 1 p.m on Thursday

12. Look at this series: 80,10,70,15,60,….What number should come next?

A. 50 B. 25

C. 30 D. 20

13. Which one will replace the question mark?

3 6 9

15 31 ?

27 56 81

A. 41 B. 45

C. 32 D. 40

14. Each of these question are based on the information given below:

1. A,B,C, D and E are five men sitting in a line facing to south-while M,N,O,P and Q are five ladies sitting in a second line parallel to the first line and are facing to North.

2. B who is just next to the left of D, is opposite to Q.

3. C and N are diagonally opposite to each other.

4. E is opposite to O who is just next right of M.

5. P who is just to the left of Q, is opposite to D.

6. M is at one end of the line.

Who is sitting third to the right of O?

A. Q B. M

C. N D. Data Inadequate

15. #include<stdio.h>

Int main()

{

Int x=30, \*y, \*z;

Y=&x;/\* Assume address of x is 500 and integer is 4 byte size \*/

Z=y;

\*y++=\*z++;

X++;

Printf(“x=%d, y=%d, z=%d\n”,x,y,z);

Return 0;

}