

1) In each of the number series given in these questions, the two terms have been put within brackets. Mark your answer as :

- (1) If the first bracketed term is right and second is wrong.
- (2) If both the bracketed terms are right.
- (3) If the first bracketed term is wrong and the second is right.
- (4) If both the bracketed terms are wrong.

2) 4, 6, 10, (12), 16, (14), 22

3) 3, 10, 29, (66), (127), 218

4) Find the approximate value of the following equation.  $6.23\% \text{ of } 258.43 - ? + 3.11\% \text{ of } 127 = 13.87$

- 1) 2
- 2) 4
- 3) 8
- 4) 6
- 5) 10

5) A train overtakes 2 persons walking at 3 km/hr and 5 km/hr respectively in the same direction and completely passes them in 8 seconds and 10 seconds respectively. Find the speed of the train.

- 1) 15 km/hr
- 2) 13 km/hr
- 3) 10 km/hr
- 4) 10 km/hr
- 5) None of these

6) The ratio between the radius and height of a cone is 3:4. What is the curved surface area of the cone?

- 1)  $15\pi \text{ m}^2$
- 2)  $12\pi \text{ m}^2$
- 3)  $9\pi \text{ m}^2$
- 4) Data inadequate
- 5) None of these

7) What is the output of the program

```
void main()
{
    fork();
}
```

```
printf(" Hello World");  
getch();  
}  
// A. Hello World  
// B. Hello World Hello World  
// c. Error Message  
// D. None of these
```

Ans: B

8). What is the output of the program

```
void main()  
{  
int i,j,k;  
i=2;  
j=4;  
k=i++>j&2;  
printf("%d\n",k);  
if(++k && ++i<--j || i++)  
{  
j=++k;  
}  
printf(" %d %d %d",i,-j--,k);  
getch();  
}  
// A. 4,-3,2  
// B. 5,-3,2  
// c. 4,-2,2  
// D. 5,-2,2
```

Ans: D

9) There can be no arguing against a \_\_\_\_\_ of mass public \_\_\_\_\_ and distribution of medicines, as in the UK.

- 1) trend, awareness 2) notion, welfare
- 2) phenomenon, acceptance
- 3) system, procurement
- 4) backdrop, campaign

10. The government should \_\_\_\_\_ with the industry about what would be a \_\_\_\_\_ price for

certain essential drugs.

- 1) negotiate, reasonable
- 2) deal, transparent
- 3) appeal, negotiable
- 4) raise, genuine
- 5) refrain, uniform

11. The sum of one-half, one-third and one-fourth of a number exceeds the number by 12. The number is

- (1) 144
- (2) 154
- (3) 90
- (4) 174