

WALCHAND COLLEGE OF ENGINEERING, SANGLI

**ELESA**

**ELECTRONICS ENGINEERING STUDENTS’ ASSOCIATION**

e-Yantra Practice Test-1

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Name:

Class:

1. An aeroplane covers a certain distance at a speed of 240 kmph in 5 hours. To cover the same distance in 1 hours, it must travel at a speed of:

A. 300 kmph

B. 360 kmph

C. 600 kmph

D. 720 kmph

2.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:

A. 15

B. 16

C. 18

D. 25

Answer: Option B

3. A and B together have Rs. 1210. If of A's amount is equal to of B's amount, how much amount does B have?

A. Rs. 460

B. Rs. 484

C. Rs. 550

D. Rs. 664

Answer: Option B

4. 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?

A. 3.5 years

B. 4 years

C. 4.5 years

D. 5 years

Answer: Option B

5. 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?

A. 564

B. 645

C. 735

D. 756

E. None of these

Answer: Option D

6. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:

A. 145º

B. 150º

C. 155º

D. 160º

Answer: Option C

7. Six bells commence tolling together and toll at intervals of 2, 4, 6, 8 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together ?

A. 4

B. 10

C. 15

D. 16

Answer: Option D

8. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?

A. 12 days

B. 15 days

C. 16 days

D. 18 days

Answer: Option B

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

A. 200 m

B. 225 m

C. 245 m

D. 250 m

Answer: Option C

10. 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:

A. 2%

B. 2.02%

C. 4%

D. 4.04%

Answer: Option D