Industrial Engineering Questions and Answers Pdf

1. Negative float can occur

a. in case of normal activity

b. in case of critical activity

c. in case of subcritical activity only

d. in case of super-critical activity log

Ans: D

2. Which of the following least affects breakeven point?

a. change in selling price

b. change in volume of production

c. change in fixed cost

d. change in product mix

Ans: B

3. Bar chart and PERT are techniques of

a. contract planning

b. construction management

c. monitoring and control of a project

d. none of the above

Ans: C

4. SIMO charts are used in

a. method study

b. micro motion study

c,. process analysis

d. layout analysis

Ans: B

5. In a queuing theory, the number of arrivals, per unit time is estimated by

a. Binomial distribution

b. Poisson distribution

c. Normal distribution

d. Both tub analogy

Ans: B

6. Co-current engineering is facilitated by

a. Rapid prototyping

b. Virtual prototyping

c. Organizational prototyping

d, All of the above

Ans: A

7. EOQ is taken at the point where cost of carrying equals the cost of

a. ordering of materials

b. material

c. the safety stock

d. bosh material and safety stock

Ans A

8. During manufacturing of cement, the handling of limestone is done by

a. belt conveyor

b. bucket conveyor

c. overhead crane

d. fork lift crane

Ans: A

9. In the Kendall's notation for representing queuing models the first position represents

a. probability law for arrival

b. probability law for service

c. number of channels

d. capacity of system

ans A

10. Travel chart mainly helps

a. improving the existing plant layout

b. while selecting plant location

c. while introducing new products

d. none of the above

Ans: A