

## **MULTIPLE CHOICE QUESTIONS**

**1. Which of the following explain the need for facility location selection?**

- (a) When the existing business unit has outgrown its original facilities and expansion is not possible.
- (b) When a business is newly started.
- (c) When the lease expires and the landlord does not renew the lease.
- (d) All of these.

**2. Which of the following is the first step in making a correct location choice?**

- (a) Develop location alternatives
- (b) Decide the criteria for evaluating location alternatives
- (c) Evaluate the alternatives
- (d) Make a decision and select the location

**3. Which of the following technique emphasises transportation cost in the determination of facility location?**

- (a) Location rating factor technique
- (b) Transportation technique
- (c) Centre-of-gravity technique
- (d) Both (b) and (c)

**4. Transportation cost mainly depends on which of the following factors?**

- (a) Distance
- (b) Weight of merchandise
- (c) Time required for transportation
- (d) All of the above

**5. In which of the following site selection techniques, a weightage between '0' to '1' is provided to factors that influence its location decision?**

- (a) Location rating factor technique
- (b) Transportation technique
- (c) Centre-of-gravity technique
- (d) None of these

**6. Which of the following does not cause to production delay?**

- (a) Shortage of space
- (b) Long distance movement of materials
- (c) Spoiled work
- (d) Minimum material handling

**7. Process layout is also known as \_\_\_\_\_.**

- (a) Functional layout
- (b) Batch production layout
- (c) Straight line layout
- (d) Both (a) and (b)

**8. Which of the following facility layout is best suited for the intermittent type of production, which is a method of manufacturing several different products using the same production line?**

- (a) Product layout
- (b) Process layout
- (c) Fixed position layout
- (d) Cellular manufacturing layout

**9. In which of the following layout type, materials are fed into the first machine and finished products come out of the last machine?**

- (a) Product layout
- (b) Process layout
- (c) Fixed position layout
- (d) Cellular manufacturing layout

**10. Which of the following is not an advantage of using product layout?**

- (a) Minimum material handling cost
- (b) Minimum inspection requirement
- (c) Specialised supervision requirement
- (d) None of these

## **ANSWERS**

### **MULTIPLE CHOICE QUESTIONS**

1. (d) All of these
2. (b) Decide the criteria for evaluating location alternatives
3. (c) Centre-of-gravity technique
4. (d) All of the above
5. (a) Location rating factor technique
6. (d) Minimum material handling
7. (d) Both (a) and (b)
8. (b) Process layout
9. (a) Product layout
10. (c) Specialised supervision requirement