



- (vii) Choose merit rating is the method of determining the \_\_\_\_\_.
- a) relative values of a job  
b) worker's performance on a job  
c) worth of a machine  
d) value of overall production
- (viii) Choose the correct statement about Emerson's efficiency plan of wage incentive system.
- a) the bonus is paid to a worker whose output exceeds 67% efficiency  
b) the bonus is paid to a worker on the percentage of time saved  
c) the bonus is paid to a worker on the percentage of time worked  
d) the bonus is paid to a worker on the percentage of standard time
- (ix) Identify the correct statement.
- a) Indirect expenses include factory expenses  
b) all of these  
c) Indirect expenses include selling expenses  
d) Indirect expenses include administrative expenses
- (x) Identify product layout is also defined as \_\_\_\_\_
- a) analytical layout  
b) synthetic layout  
c) static product layout  
d) none of these
- (xi) Choose the correct statement.
- a) The work study is done by means of planning chart  
b) The work study is done by means of process chart  
c) The work study is done by means of stop watch  
d) any one of these
- (xii) Identify CPM relates with
- a) single time estimate  
b) double time estimate  
c) triple time estimate  
d) none of these
- (xiii) Predict Programming techniques are generally explained as
- a) statistical techniques  
b) mathematical techniques  
c) operation research techniques  
d) none of these
- (xiv) Select Scatter diagram is also named as \_\_\_\_\_
- a) correlation graph  
b) zero correlation  
c) probability  
d) none of these
- (xv) Identify the quantitative measure of correlation between two variables is named as \_\_\_\_\_.
- a) coefficient of correlation  
b) coefficient of regression  
c) coefficient of determination  
d) none of these

### Group-B

(Short Answer Type Questions)

3 x 5=15

2. Describe Inventory Counting. (3)
3. Explain the objective of simulation technology. (3)
4. Define the term line of balance. (3)
5. Explain the term simulation. (3)
6. Explain briefly the levels of automation. (3)

OR

Explain retrieval type CAPP system. (3)

### Group-C

(Long Answer Type Questions)

5 x 6=30

7. Explain the benefits of CIM. (5)
8. Discuss different grippers used in robot. (5)

9. Explain the goal of supply chain and explain the impact of supply chain decision on success of the firm. (5)
10. Explain the need for ERP concept. (5)
11. Explain any three objectives of maintenance. (5)
12. Explain supply chain integration. (5)

**OR**

Explain production planning. (5)

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