**BBA, Semester 6 Online Exam -2020**

**( Subject – Production and Operation Management, Core -114 )**

**SET – A**

**Time :- 2 hours Total Marks :- 80**

**QI Choose the correct answer :- (1X20 =20 marks)**

**1. The term ……….. implies the foregone profit due to inability of company to produce.**

(A) Opportunity cost

(B) Marginal cost

(C) Overhead cost

(D) All of the abov

**2. Objective of Work Study is to improve ……..**

(A) Cycle time

(B) Productivity

(C) Production

(D) All of the above

**3. Inadequate production capacity ultimately leads to……..**

(A) Poor quality

(B) Poor Customer Service

(C) Poor inventory control

(D) All of the above

**4.  The purpose of the transportation approach for locational analysis is to minimize……**

           ( A)     total costs

            (B)     total shipping costs

            (C)     total variable costs

            (D)     total fixed costs

**5.  A good layout requires determining…….**

(A)     capacity and space requirements

(B)     material handling requirements

(C)   environment and aesthetics

(D)     all of the above

**6. The type of layout which features departments or other functional groupings in which similar activities are performed is……**

(A)       process

(B)       product

(C)       fixed-position

(D)      mass

**7. Balancing low-cost storage with low-cost material handling is important in**

(A)      a process-oriented layout

(B)      an office layout

(C )     a product-oriented layout

(D)  a warehouse layout

**8. which type of layout is used to achieve a smooth and rapid flow of large volumes of output?**

(A)       process

(B)       batch

(C)      product

(D)      unit

**9. What are the advantages of having the plant location near to the market?**  
  
**i] Liasioning with dealers and wholesalers become economical and easy  
ii] Recovery from customers is easy and time saving  
iii] Labour turnover rate is low  
iv] Many administrative problems that add to cost get avoided**  
  
(A) Only i and iv  
(B) Only ii and iii  
(C) All, i, ii and iii  
(D) All i, ii and iv

**10. What is the ultimate effect of inadequate production capacity?**  
  
(A) Poor Planning  
(B) Poor Machine Utilization  
(C) Low Productivity  
(D) Poor Customer Service

**11. Some of the common objectives of a good layout are as following….  
  
i] Efficient utilization of available space  
ii] Minimization of rejections  
iii] Economy in material handling  
iv] Minimization of production delays**  
  
(A) i and ii  
(B) i and iii  
(C) i, iii and iv  
(D) All the above

**12. Who selects the job for method study?**  
  
(A) Storekeeper  
(B) Inspector  
(C) Operator  
(D) Manager

**13. When batches are small, the ratio of direct workers to supervisors is …….. and vice versa, in Batch Production.**  
  
(A) Negative  
(B) Lower  
(C) Equal  
(D) Higher

**14. Operations Management is a ……………………… process.**

(A) translation

(B) transformation

(C) transaction

(D) transition

**15. Which of these Managers would be least likely to be considered in an operations management role within an organization?**

(A) Production Manager

(B) Reservations Manager

(C) Financial Risk Manager

(D) Quality Manage

**16. Which of these would an operations manager not be responsible for?**

(A) Safety and maintenance  
(B) Sales and marketing  
(C) Sales and marketing  
(D) Recruiting employees

**17. The size of the product range or number of services offered is called……….?**

(A) variability  
(B) validity  
(C) variety  
(D) variation

**18. The extent to which a product or service may be customized is called…….?**

(A) variability  
(B) validity  
(C) variety  
(D) variation

**19. The production scheduling is simpler and high volume of output and high labour efficiency are achieved in the case of**

(A) Product layout  
(B) Process layout  
(C) Fixed position layout  
(D) Fixed position layout

[Correct Answer](javascript:%20return%20null;)

**20. The disadvantage of product layout is………………..**

(A) High initial investment for the specialized facilities  
(B) Skilled labour to operate machines  
(C) Production time is longer, requiring more goods in inventory  
(D) High cost of inspection [Correct Answer](javascript:%20return%20null;)

**QII Very short answer questions ( answer in one-two lines ) ( 2X 5 = 10 marks )**

( i) What do you mean by Cycle time ?

(ii) Write the classification of Production methods.

(iii) What are the two common techniques for measuring work and setting standards.

(iv) Name the two main factors affecting location of an industrial unit.

(v) Which type of layout is adopted when more space is needed?

**QIII Short answer questions ( answer in five -ten lines ) ( 2X 5 = 10 marks )**

1. Discuss the objectives of Production Planning.
2. Define Job production and write its characteristics.
3. Discuss the factor affecting location of an industrial unit.
4. Explain the points be kept in mind while selecting the site for the factory.
5. Define plant location and discuss its importance.
6. Write short notes on Plant Layout.
7. What are the principles of properly planned layout?
8. What are the different objectives of Plant Layout ?
9. Write short notes on Process Layout.
10. Discuss the advantage of Product Layout.

**ANSWERSHEET**

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**SET – A**

**QI Choose the correct answer :- (1X20 =20 marks )**

|  |  |  |  |
| --- | --- | --- | --- |
| **Q No.** | **Answer** | **Q. No.** | **Answer** |
| 1 | A | 11 | C |
| 2 | B | 12 | D |
| 3 | B | 13 | B |
| 4 | B | 14 | B |
| 5 | D | 15 | C |
| 6 | A | 16 | B |
| 7 | D | 17 | C |
| 8 | B | 18 | A |
| 9 | D | 19 | A |
| 10 | D | 20 | A |

**QII Very short answer questions ( answer in one two lines ) ( 2X 5 = 10 marks )**

1. Cycle time is define as a time period after which completed units come off the assembly line.
2. Production methods can be broadly classified as Job production , Batch production , and Mass or flow production.
3. The two common techniques for measuring work and setting standards are Time study and work sampling.
4. The two main factors affecting location of an industrial unit are primary factors and secondary factors.
5. Process layout is adopted when more space is needed.