

Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021)

Course Name - --Production and Operations Management

Course Code - MBA203

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Answer all the questions. Each question carry one mark.

9. 1.Production transforms raw materials into outputs

Mark only one oval.

- Irreversible process
- Reversible process
- Solid objects
- None of these

10. 2.Which of the following explain the need for facility location selection

Mark only one oval.

- When the existing business unit has outgrown its original facilities and expansion is not possible.
- When a business is newly started
- When the lease expires and the landlord does not renew the lease
- When a business old

11. 3.Which of the following technique emphasizes transportation cost in the determination of facility location

Mark only one oval.

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

12. 4.Transportation cost does not depend on which of the following factors

Mark only one oval.

- Distance
- Weight of merchandise
- Time required for transportation
- Country of origin

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

Mark only one oval.

- Product layout
- Process layout
- Fixed position layout
- Cellular manufacturing layout

14. 6. In fixed position layout

Mark only one oval.

- Total production cost is less
- Material movement is less
- Capital investment is minimum
- Material movement is more

15. 7. Which of the below is not a part of corrective maintenance

Mark only one oval.

- Over used equipment
- Ignoring minor faults
- Failure to properly lubricate parts
- Remove before failure

16. 8.Which term is having a closest meaning as Sampling Distributions

Mark only one oval.

- Control charts
- On site inspection
- Whole lot inspection
- Acceptance sampling

17. 9.Which of the following is the opposite of just in time

Mark only one oval.

- Stock control
- TQM
- Just in case stock management
- Kaizen

18. 10.A drawback to a business of using just in time stock control is

Mark only one oval.

- High insurance costs
- Stock could quickly become out of date or obsolete
- Storage costs will be high
- Delays in deliveries could result in idle resources

19. 11.System is an arrangement of linked processes

Mark only one oval.

- Interdependent processes
- Independent processes
- Cross linked processes
- None of these

20. 12.In which of the following site selection techniques, a weight-age between "0" to "1" is provided to factors that influence its location decision

Mark only one oval.

- Location rating factor technique
- Transportation technique
- Centre-of-gravity technique
- None of these

21. 13.Which of the following is not an advantage of using product layout

Mark only one oval.

- Minimum material handling cost
- Minimum inspection requirement
- Specialized supervision requirement
- None of these

22. 14.What is the ultimate effect of inadequate production capacity

Mark only one oval.

- Poor Planning
- Poor Machine Utilization
- Low Productivity
- Poor Customer Service

23. 15.Product layout is used for

Mark only one oval.

- Job production
- Batch production
- Mass production
- All of these

24. 16.Which of the following organization is preferred in automobile industry

Mark only one oval.

- Functional organization
- Line organization
- Staff organization
- Line and staff organization

25. 17.For a product layout the material handling equipment must

Mark only one oval.

- Have full flexibility
- Employ conveyor belts, trucks and tractors etc.
- Be a general purpose type
- Be designed as special purpose for a particular application

26. 18.Process layout is not employed

Mark only one oval.

- Where low volume of production is required
- Where similar jobs are manufactured on machine
- Where machines are arranged on functional basis
- Where diverse jobs are manufactured on machines

27. 19.Process layout is also known as

Mark only one oval.

- Analytical layout
- Synthetic layout
- Static product layout
- None of these

28. 20.Process layout is employed for

Mark only one oval.

- Analytical layout
- Synthetic layout
- Static product layout
- None of these

29. 21.In order to avoid excessive multiplication of facilities, the layout preferred is

Mark only one oval.

- Product Layout
- Process Layout
- Group Layout
- Static Layout

30. 22.(Down time in hours / Available hours) =

Mark only one oval.

- Maintenance effectiveness
- Frequency of breakdown
- Effectiveness of maintenance planning
- None of these

31. 23.What is not a part of maintenance

Mark only one oval.

- What is to be maintained
- How is it be maintained
- Manager
- Where to be maintained

32. 24.Which is not a part of preventive maintenance

Mark only one oval.

- Inefficient cooling system
- Includes proper and regular inspection of equipment
- Scheduled checking and periodic maintenance
- Continuous monitoring

33. 25.Which of the following is not an advantage of preventive management

Mark only one oval.

- Reduces total downtime
- Reduces production loss
- Wastage of material
- Proper crisis management

34. 26. In phase I application of 'x' and R chart, the control limits obtained from the equations are treated as _____

Mark only one oval.

- Final limits
- Trial limits
- Warning limits
- Pattern limits

35. 27. Kanban is a visual indicator that triggers replenishment of items like _____

Mark only one oval.

- Rack
- Store
- Bin
- Card

36. 28. The objectives in developing an MRP include:

Mark only one oval.

- To maintain the desired level of customer service by maintaining finished goods inventory levels or by scheduling to meet customer delivery requirements
- To make the best use of material, labor, and equipment
- To maintain inventory investment at the required levels
- Master production schedule, inventory records, and bills of material

37. 29. In A-B-C analysis, which class of items are generally large in number

Mark only one oval.

- A
- B
- C
- None of them

38. 30. In CPM, the cost slope is determined by

Mark only one oval.

- Crash Cost/ Normal Cost
- $(\text{Crash Cost} - \text{Normal Cost}) / (\text{Normal time} - \text{Crash time})$
- Normal Cost/ Crash cost
- $(\text{Normal cost} - \text{Crash cost}) / (\text{Normal time} - \text{Crash time})$

39. 31. PERT is applied for

Mark only one oval.

- Marketing programmes and advertising programmes
- Installation of machinery
- Research and development of products
- None of them

40. 32.What do you call the situation in which the component is not completely rejected but corrected

Mark only one oval.

- Inspection
- Reproduction
- Reprocessing
- Quality Assurance

41. 33.Costs of dissatisfaction, repair tools and warranty costs are elements of cost in the

Mark only one oval.

- Q chart
- Process chart
- T chart
- D chart

42. 34.Which of the following is not a control chart for variables

Mark only one oval.

- X chart
- P chart
- R chart
- n chart

43. 35.PERT is not a

Mark only one oval.

- analytic tool in concept
- Limit up of event oriented diagrams
- Used for research and development projects
- Digital tool

44. 36.Pick up the correct step used for scheduling a project by CPM

Mark only one oval.

- A project is divided into various activities
- Required time for each activity is established
- Sequence of various activities according to their importance
- All of them

45. 37.An activity of the project is graphically represented by _____ on the network diagram

Mark only one oval.

- A Circle
- A Straight Line
- An arrow
- None of them

46. 38.Pick up the correct statement about relationship between various floats

Mark only one oval.

- Free Float = Total Float
- Independent Float = Total Float
- Independent Float > Free Float
- Independent Float

47. 39.The time which results in the least possible direct cost of an activity is known as

Mark only one oval.

- Normal time
- Slow time
- Crash time
- Standard time

48. 40.Pick up the incorrect statement from the following

Mark only one oval.

- An activity of the project is denoted by an arrow on the network
- The tail of the arrow indicates the start of the activity
- The head of the arrow indicates the end of the activity
- The arrows are drawn (to scale from) left to right

49. 41.'O' on a PERT/CPM chart represents

Mark only one oval.

- An ordinary event
- A significant event representing some milestone
- An event to be transferred to other network chart
- Dangling event

50. 42.Positive slack on a PERT indicates that project is

Mark only one oval.

- Ahead of Schedule
- Beyond schedule
- As per schedule
- On critical path

51. 43.Pick up the incorrect statement from the following. A critical ratio scheduling

Mark only one oval.

- Establishes the relative priorities among various activities on a common basis
- Determines the status of each activity
- Adjusts automatically changes in activity progress
- None of them

52. 44.What do we call the irreducible minimum time required to complete an activity

Mark only one oval.

- Standard time
- Normal time
- Crash time
- Pessimistic time

53. 45.Which of the following statement is wrong

Mark only one oval.

- An activity consumes time and resources whereas an event does not consume time or resources
- The performance of a specific task is called an activity
- An event is an instantaneous point in time at which an activity begins or ends
- The turning of a job on the lathe is an event whereas job turned is an activity

54. 46.If the process is in the state of statistical control, as per the statistical control chart, the fluctuations are due to _____

Mark only one oval.

- Assignable variability
- Random variability
- Occasional variability
- Sequential variability

55. 47.What is used to monitor characteristics that can be measured and have a range of values such as height, weight, volume etc.

Mark only one oval.

- Attribute control chart
- Control chart of variables
- Process chart
- Both (a) and (b)

56. 48.What type of control chart is used to monitor the no. of defects per unit?

Mark only one oval.

- P chart
- X bar chart
- R chart
- C chart

57. 49.What does vendor rating consist of

Mark only one oval.

- Vendor development
- Vendor relations
- Vendor evaluation
- None of them

58. 50.The work study is done by means of

Mark only one oval.

- Planning chart
- Process chart
- Stop watch
- Any one of these

59. 51.The main objective of work measurement is to

Mark only one oval.

- Plan and schedule of production
- Formulae a proper incentive scheme
- Estimate the selling price and delivery dates
- All of them

60. 52.Some industry can produce various produts from same production line. Identify best facility layout for them

Mark only one oval.

- Product layout
- Process layout
- Fixed position layout
- Cellular manufacturing layout

61. 53.Itemd not required in product layout is

Mark only one oval.

- Lowers overall manufacturing time
- Requires less space for placing machines
- Utilizes machine and labour better
- More place for placing machines

62. 54.Contruction work of civil engineering expertise should have the _____

Mark only one oval.

- Line organization
- Line and staff organization
- Functional organization
- Effective organization

63. 55.We can achieve better labour efficiency and high productionm in the following production schedule-

Mark only one oval.

- Product layout
- Process layout
- Fixed position layout
- A combo of line and process layout

64. 56. Machine suitable in handling activities in cement industry is-

Mark only one oval.

- Belt conveyor
- Bucket conveyor
- Fork lift truck
- Overhead crane

65. 57. We can control Process:

Mark only one oval.

- before production
- during production
- after production control
- All of these

66. 58. Alternative terms of Fixed position layout is

Mark only one oval.

- Analytical layout
- Synthetic layout
- Static product layout
- None of these

67. 59.Suitability of Product layout is observede in-

Mark only one oval.

- Batch production
- Continuous production
- Effective utilization of machine
- All of these

68. 60.Excessive multiplication of facilities is not desirable. So for its avoidance we can use-

Mark only one oval.

- Product layout
- Process layout
- Group Layout
- Static Layout

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