



# BRAINWARE UNIVERSITY

Library  
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**Term End Examination 2023**  
**Programme – MBA-2018/MBA-2019/MBA-2020/MBA-2021**  
**Course Name – Production and Operations Management**  
**Course Code - MBA203**  
**( Semester II )**

**Full Marks : 60**

**Time : 2:30 Hours**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

### Group-A

(Multiple Choice Type Question)

1 x 15=15

1. *Choose the correct alternative from the following :*
- (i) Analyse understated statements and select the wrong one.
- a) When slack of an activity is zero, it falls only on critical path  
b) CPM technique is useful to minimize the direct and indirect expenses  
c) Critical path of a network represents the minimum time required for completion of project  
d) None of them
- (ii) Evaluate different times given below and judge the time which results in the least possible direct cost of an activity.
- a) Normal time  
b) Slow time  
c) Crash time  
d) Standard time
- (iii) Evaluate statements given in the question. A critical ratio scheduling.....
- a) Establishes the relative priorities among various activities on a common basis  
b) Determines the status of each activity  
c) Adjusts automatically changes in activity progress  
d) None of them
- (iv) Analyse understated statements select wrong one.
- a) An activity consumes time and resources whereas an event does not consume time or resources  
b) The performance of a specific task is called an activity  
c) An event is an instantaneous point in time at which an activity begins or ends  
d) The turning of a job on the lathe is an event whereas job turned is an activity
- (v) Which of the following is the first step in making a correct location choice?
- a) Decide the criteria for evaluating location alternatives  
b) Evaluate the alternatives  
c) Evaluate the alternatives  
d) Make a decision and select the location





- 7. Analyse the technique of representing activities in network diagram. (5)
- 8. Evaluate the methods used in controlling the quality of manufactured product. (5)
- 9. Explain single sampling and double sampling. (5)
- 10. Discuss importance of statistical quality control in business with suitable example. (5)
- 11. With the help of suitable example and diagrams of total ordering cost, total carry cost, total carry cost curve and evaluate optimum ordering size. (5)
- 12. Analyse WBS and its. important (5)

**OR**

Explain advantages and limitations of mass production. (5)

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