BRAINWARE UNIVERSITY

Course –BCOM

Project Management (BCM204/BCMC204)

(Semester – 2)

Time allotted: 3 Hours   **Full Marks : 70**

[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)   10 x 1 = 10

1. *Choose the correct alternative from the following*
(i)   Crash cost is the

     a.   increased cost of crashing a project activity
     b.   decreased cost of crashing a project activity
     c.   additional cost to be incurred in reducing an activity time per unit time
     d.   minimum possible cost required to complete a project activity

(ii)   The first stage of the project development cycle is

     a.   Operation phase
     b.   Investment phase
     c.   Audit phase
     d.   Pre-investment phase

(iii)   Programme Evaluation & Review Technique(PERT) uses

     a.   multiple cost estimates
     b.   multiple time estimates
     c.   multiple time and cost estimates
     d.   resource smoothing

(iv)   Break-even means

     a.   Fixed cost divided by Net Profit
     b.   Fixed cost divided by variable cost
     c.   Fixed cost divided by contribution
     d.   None of the above

(v)   Flexibility of a project measures

      a. Viability of a project   b. Non-viability of a project

      c. Indifferences of a project   d.   None of the above

(vi)   Job with lower criticial ration is given highest priority in sequencing

      a. True   b. Not true

      c. Partly true   d. None of the above

(vii)   Six Sigma is related to

      a. Marketing management   b. Human Resource Management

      c. Quality Management   d. None of these

(viii) CPM stands for

      a. Chartered Path Method   b. Critical Path Method

      c. Critical Path Management   d. Chartered Path Management

(ix)   Buffer stock is the stock which is-

      a. On the way   b. Already used stock

      c. Safety stock reserved for   d. None of these
      emergency

(x)   Which type of Project needs to consider environmental constraints?

      a. Construction only   b. Petro chemical projects only

      c. Heavy chemical industries   d. All types
      only

Group – B

(Short Answer Type Questions)   3 x 5 = 15

Answer any *three* from the following

2. What is Break-even point? Please discuss with a suitable example.   [5]
3. State the differences between PERT and CPM.   [5]
4. What steps are involved in the Delphi method?   [5]
5. What do you mean by project appraisal? Discuss its significance to a project
    manager.   [2+3]
6. What are the causes of uncertainty in project?   [5]

Group – C

(Long Answer Type Questions)   3 x 15 = 45

Answer any *three* from the following

7. (a) Define the following terms with suitable examples: Dummy activity,Free float, Slack, Critical time, Critical activity.   [5]

    (b)

Activities	Preceding Activity	Succeeding Activity	Duration(In days)
A	-	C	4
B	-	D	3
C	A	F	3
D	B	E	4
E	D	F	5
F	C,E	G	6
G	F	-	4

Draw the network and find the critical path.   [10]

8. (a) Discuss the rules for network construction   [8]

    (b) Illustrate the problem of scheduling in view of resource constraints with the help of an example.   [7]

9. (a) What considerations should a project manager bear in mind with respect to motivation of the project personnel?   [7]

    (b) What questions are sought to be answered in economic and ecological analysis?   [8]

10. (a) Discuss the moving average method.   [6]

    (b) What aspects are considered in technical analysis for project feasibility study?   [9]

11. (a) Discuss with suitable example GANTT Chart.   [7]

    (b) Elaborate Johnson's rule of Scheduling with suitable example.   [8]