## Question Paper Code: 57701

B.E./B.Tech. DEGREE EXAMINATION, SEP 2020

Seventh Semester

Computer Science Engineering

15UME701 -PROJECT MANAGEMENT AND FINANCE

(Common to MECH, ECE, EEE, EIE and IT branch)

(Regulation 2015)

Duration: One hour                                                                 Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

**(Answer any Six of the following Questions)**

1.  When considering the following activities, which is the best example of a project?                                          CO1- R

    (a) Producing automobiles              (b) Processing insurance claims

    (c) Writing a policy manual            (d) Monitoring product quality

2.  In the _____ stage of the project life cycle, project objectives are established, teams are formed, and major responsibilities are assigned.                                          CO1- R

    (a) Identifying        (b) Defining        (c) Planning        (d) Executing

3.  PERT analysis is based on                                                              CO2- R

    (a) Optimistic time              (b) Pessimistic time

    (c) Most likely time             (d) All the above

4.  The performance of a specific task in CPM, is known                                     CO2- R

    (a) Dummy          (b) Event          (c) Activity          (d) Contract

5. If resources are not adequate to meet peak demands, the resulting reschedule is termed    CO3- R

   (a) Resource-constrained scheduling    (b) Time-constrained scheduling

   (c) Mandatory leveling    (d) Project resource adjustment

6. More common problems associated with managing multi project resources include all of the following except    CO3- R

   (a) Inefficient resource utilization
   (b) Delays in one project cause delays in other projects

   (c) Reducing "downtime" created by lack of tasks to perform

   (d) Resource bottlenecks

7. Performing quality assurance is a sub process of the _____ process of project quality management.    CO4- R

   (a) Initiating    (b) Closing

   (c) Monitoring and controlling    (d) Executing

8. The quality function deployment (QFD) process begins with:    CO4- R

   (a) Technical design parameter    (b) Customer wants and needs

   (c) Quality control requirements    (d) Target component characteristics

9. When the concept of ratio is defined in respected to the items shown in the financial statements, it is termed as    CO5- R

   (a) Accounting ratio    (b) Financial ratio

   (c) Costing ratio    (d) None of the above

10. Net initial investment is divided by uniform increasing in future cash flows to calculate    CO5- R

   (a) Discounting period    (b) Investment period

   (c) Payback period    (d) Earning period

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PART – B (3x 8 = 24 Marks)

**(Answer any Three of the following Questions)**

11. Explain the work breakdown structure in project planning.                CO1- U        (8)

12. Explain the Terminologies used for Constructing a Project    CO2-App       (8)
    Network.

13. Explain in detail about the types of constraints and kinds of    CO3-App       (8)
    resource constraints.

14. Define the Quality Function Deployment (QFD) and discuss the    CO4- U        (8)
    QFD process.

15. Critically evaluate the payback period as a method of investment    CO5-Ana       (8)
    appraisal.

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