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Total No. of Pages : 02

Total No. of Questions : 18

**B.Tech.(CSE) (2012 to 2017 E-II) (Sem.-7,8)****SOFTWARE PROJECT MANAGEMENT**

Subject Code : BTCS-907

M.Code : 71899

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

**SECTION-A****Write briefly :**

- 1) Write any one software process model.
- 2) Define COCOMO2 model.
- 3) What is meant by cost flow forecasting?
- 4) Define monte carlo simulation.
- 5) What is Project Sequencing?
- 6) What is software Quality Assurance Plan?
- 7) Discuss significance of Network planning.
- 8) Discuss Hackman & Oldham's Job Characteristics Model.
- 9) What are the benefits of test automation?
- 10) Write a short note on Software Reliability.

### SECTION-B

- 11) What are the steps in cost-benefit analysis? Discuss the cost-benefit evaluation techniques.
- 12) Define following :
  - a. Types of Risk Management
  - b. Schedule compression
- 13) Illustrate the PERT method for identifying the critical path of project.
- 14) Distinguish between CMMI and ISO models.
- 15) What are the criteria for selecting the right person for the Job?

### SECTION-C

- 16) Write in detail the monitoring and control of software project management cycle.
- 17) Discuss common aspects of Contract Management. What are the types of Contracts and its stages?
- 18) Explain different approaches for Project Management. Give the overview of any one tool for Project Management.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**