

Reg. No.																				
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Question Paper Code	12187
---------------------	-------

**B.E. / B.Tech. - DEGREE EXAMINATIONS, NOV / DEC 2023**

Seventh Semester

**Computer Science and Engineering**

**IT8075 - SOFTWARE PROJECT MANAGEMENT**

(Regulations 2017)

Duration: 3 Hours

Max. Marks: 100

**PART - A (10 × 2 = 20 Marks)**

Answer ALL Questions

- |  | <i>Marks,<br/>K-Level, CO</i> |
|--|-------------------------------|
| 1. Tabulate the difference between feasibility study and planning. | <i>2,K1,CO1</i>               |
| 2. Discuss the activities of stepwise planning.                    | <i>2,K2,CO1</i>               |
| 3. Write down the characteristics of the system.                   | <i>2,K2,CO2</i>               |
| 4. List the shortcomings of the waterfall model.                   | <i>2,K2,CO2</i>               |
| 5. What are the difficulties of project estimation?                | <i>2,K1,CO3</i>               |
| 6. Write the three COCOMO Models.                                  | <i>2,K2,CO3</i>               |
| 7. Define the objective of activity planning.                      | <i>2,K1,CO4</i>               |
| 8. Define sequencing and scheduling.                               | <i>2,K1,CO4</i>               |
| 9. Mention the deciding levels of monitoring.                      | <i>2,K1,CO5</i>               |
| 10. Identify the outcome of contract management.                   | <i>2,K1,CO5</i>               |

**PART - B (5 × 13 = 65 Marks)**

Answer ALL Questions

11. a) Summarize an outline of step wise planning activities for a project with a neat diagram. *13,K2,CO1*
- OR**
- b) Describe how cost- benefits evaluation techniques & its methods with suitable examples. *13,K2,CO1*
12. a) (i) Explain the Dynamic system development method in detail. *7,K2,CO2*  
(ii) Discuss about the role and principles of Extreme Programming. *6,K2,CO2*
- OR**
- b) Explain in detail about Managing interactive processes. *13,K2,CO2*
13. a) (i) Describe the basis for software estimation in detail. *7,K2,CO3*  
(ii) Describe the expert judgment and estimation by analogy in detail. *6,K2,CO3*

**OR**

- b) Demonstrate the following: 6,K2,CO3  
 (i) Function point mark II method. 7,K2,CO3  
 (ii) COSMIC full function point method.
14. a) Illustrate the steps involved in project schedule and explain. 13,K2,CO4  
**OR**  
 b) How do you evaluate the PERT techniques? Explain it with suitable examples. 13,K2,CO4
15. a) Organize the various stages in contract placement in detail. 13,K2,CO5  
**OR**  
 b) Explain in detail about configuration management process in brief. 13,K2,CO5

**PART - C (1 × 15 = 15 Marks)**

16. a) An organization has detected low job satisfaction in the following departments: 15,K3,CO6  
 (i) The system testing group;  
 (ii) The computer applications help desk;  
 (iii) Computer batch input;  
 How could these jobs be redesigned to give more job satisfaction?  
**OR**
- b) List the factors that are involved in making a team. Explain the characteristics. 15,K3,CO6