Question Paper Code : X60763

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020

Seventh/Eighth Semester

Computer Science and Engineering

IT 2403/IT 73/10144 IT 704/10144 CSE 69 – SOFTWARE PROJECT MANAGEMENT

(Common to Information Technology)

(Regulations 2008/2010)

Time : Three Hours   Maximum : 100 Marks

Answer ALL questions

PART – A   (10×2=20 Marks)

1. What is the need for contract management in Software Project Management ?

2. How do you define project activities in software project management ?

3. What is the concept of strategic programmes ?

4. What are the steps in cost-benefit analysis ?

5. Define the objectives of activity planning.

6. List the factors used to identify the risk.

7. Draw the project control cycle model.

8. What are the levels of prioritizing monitoring ?

9. What is Egoless programming ?

10. Differentiate task oriented and people-oriented management styles.

PART – B   **(5×16=80 Marks)**

11. a) i) What are the activities covered by software project management ?
        Explain.   **(8)**

     ii) Identify the actions that could prevent each of the following risks from
         materializing or could reduce the impact if it occur.   **(8)**

        1) A key member of the team leaving.

        2) Introducing a new version of the operating system that has errors in it.

        3) A disk containing copies of the most up-to-date version of the software
           under development being corrupted.

        4) Government changes the taxation rules, altering the way that Value
           Added Tax (VAT) is to be calculated in an order processing system
           under development.

                        (OR)

    b) Explain the various steps involved in step wise project planning with neat
       diagram.   **(16)**

12. a) Explain how cost benefit analysis is evaluated in Software Project
       Management.

                        (OR)

    b) How do you assess the strategic infrastructure management in Project
       Evaluation ? Explain with a suitable illustration.

13. a) Give the various stages in formulating a network model.   **(16)**

                        (OR)

    b) Differentiate between PERT and CPM and also explain the steps involved in
       constructing PERT chart.   **(16)**

14. a) Define Contract. Explain the stages in contract placement with its typical
       terms.   **(16)**

                        (OR)

    b) i) Explain the levels of Monitoring with examples.   **(8)**

       ii) Describe the steps in project control.   **(8)**

15. a) i) Give an example for becoming a team and explain working within groups
        with example.   **(8)**

       ii) Explain the different ways of decision making.   **(8)**

                        (OR)

    b) Discuss the organizational behavior with example.   **(16)**

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