LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

FIFTH SEMESTER – NOVEMBER 2018

16PCA5ES01 – SOFTWARE PROJECT MANAGEMENT

Date: 03-11-2018   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART – A

Answer ALL questions   **10 X 2 = 20**

1. Define SMART.

2. Write the costs and benefits included in a project

3. List the steps included in resource allocation.

4. What is the need for software estimation?

5. Define project planning.

6. Give the categories of cost in software project.

7. Give the stages of making project back to target.

8. Write the types of contracts.

9. State the Taylor's objectives of organization.

10. Write the types of leadership styles.

PART – B

Answer ALL questions   **5 X 8 = 40**

11. a) Describe the stages of software development lifecycle.
        Or
    b) Write note on risk evaluation.

12. a) Explain the steps of following:
        (i)   Analyzing project characteristics
        (ii)   Identifying project product and activities
        Or
    b) Explain following development modules:
        (i)   V-Process model
        (ii)   Spiral model

13. a) Write mote on defining and identifying project activity.
        Or
    b) Explain the steps of risk planning.

14. a) Write note on Earned value analysis.
        Or
    b) Write and explain the terms of contract.

15. a) Discuss about Team development, Role players and group performance.

        Or

   b) Explain various organizational structures.

PART – C

Answer any TWO questions   **2 X 20 =40**

16. a) Explain cost-benefit evaluation techniques.

    b) Discuss on various functional point analysis.

17. a) Categorize the types of resource and discuss on its management in detail.

    b) Explain the following:
        (i)   Prioritizing monitoring
        (ii) Change control role and procedures.

18. a) Explain various leadership powers and styles.

    b) Discuss about ISO 9001:2000 standardization.

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