

Exam.Code:0030

Sub. Code: 0942

1058

Bachelor of Computer Application

Fourth Semester

BCA-401: Project Management and System Development (OLD)

(Old Syllabus 2016-17)

Time allowed: 3 Hours

Max. Marks: 90

NOTE: Attempt five questions in all, including Question No. IX (Unit-V) which is compulsory and selecting one question each from Unit I-IV.

x-x-x

UNIT – I

- I. a) A project is different from routine and regular activities. Draw a list of characteristics and distinguish the projects from other activities.
b) What are the important phases of a project life cycle? Discuss each phase briefly with key issues involved in it. (9,9)
- II. a) What is project profitability? Explain the method of evaluation of project profitability.
b) What is a 'Feasibility Report' and its primary objectives? What types of data is required for its preparation? (9,9)

UNIT – II

- III. a) Describe the concept of work break down structure and the role of multidisciplinary teams in planning project activities.
b) Explain five distinct aspects which the Project Manager should consider when preparing a project communications plan. (9,9)
- IV. a) How do you measure performance against standards while controlling the projects?
b) What are the factors, which control the cost of a project? Discuss briefly on each. How does time over-run affect the project cost? (9,9)

UNIT – III

- V. a) Explain the role of Software Requirements Specification (SRS). What is the need to validate it? List characteristics of good quality SRS.
b) Draw the Data Flow Diagram with different levels for withdraw and deposit of money in a bank. (9,9)

P.T.O.

(2)

VI. Write short notes on:-

- a) Data Dictionary and its importance in software project management
- b) Decision Support Software Tool and its need in project management (9,9)

UNIT – IV

VII. What are the commonly available project management software packages? Briefly describe the features of both licensed and open source Project Management Software (18)

VIII. a) 'Detailed Project Report (DPP) forms the foundation on which the entire superstructure of the project is built — if it is weak, the project cannot withstand the turbulent times ahead. Bring out the dos and don'ts of a good DPR.

b) List out three importance types of reports that need to be generated in a project. (9,9)

UNIT – V

IX. Attempt the following:-

- a) Bring out the responsibilities of project manager.
- b) What quality control methods are prevalent in project management?
- c) What are major global sources of project financing?
- d) Define Open Source Software.
- e) What is PERT?
- f) What is tautology in mathematical logic? (6x3)

x-x-x