

SOFTWARE PROJECT MANAGEMENT

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

- 1 Define Software.
- 2 What do you mean by cost benefit evaluation?
- 3 Define COCOMO.
- 4 How will you calculate activity float?
- 5 Expand PERT and give the importance.
- 6 How will you categorize risk?
- 7 Give the importance of visualizing the progress.
- 8 What are the characteristics of a Team?
- 9 Define Software Quality.
- 10 What do you mean by Configuration Management?

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

- 11 a Why Software Project Management is needed? Give important activities covered by Software Project Management.
OR
b Expound an Project Planning.
- 12 a Discuss an Network Model.
OR
b Discuss an Function point Analysis.
- 13 a Discuss an Risk Identification.
OR
b Expound an PERT technique.
- 14 a Write short notes on change control.
OR
b How motivation helps a Team and individual in Software Project Environment?
- 15a Give the importance of Software Quality.
OR
b Discuss an Quality Management Systems.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Elaborate an Stepwise Project Planning.
- 17 Give an example to identify a Critical Path and explain the concept.
- 18 Write a detailed note on Resource Allocation.
- 19 Discuss on (i) Decision-making
(ii) Organizational Structure
(iii) Earned Value Analysis
- 20 Expound on the techniques to enhance the Quality of Software and Configuration management.