

Roll.No.

20UBICT6012

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.

B.Com. ISM - END SEMESTER EXAMINATIONS - NOVEMBER 2025
SEMESTER - VI

20UBICT6012 - Software Project Management

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Define Software Project Management. List its objectives.
2. Explain the stepwise project planning process with neat sketch.
3. Compare Waterfall and Spiral models with examples.
4. Describe the forward pass and backward pass in activity scheduling.
5. Discuss the importance of cost-benefit analysis and cash flow forecasting.
6. Explain how to identify critical path in network planning.
7. Write short notes on white box and black box testing.
8. Discuss the ISO 9126 model for software quality.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Elaborate the stepwise project planning process in detail with necessary examples.
10. Explain various software process models. Compare their suitability for different project scenarios.
11. Describe the steps involved in preparing a network model and discuss methods to shorten project duration.
12. Discuss in detail the various software effort estimation techniques.
13. Evaluate the importance of software quality assurance and the role of ISO standards in maintaining quality.
