

**MCA 1st Semester Examination, 2024**

**MCA**

*(Software Project Management)*

**PAPER – MCA-105**

*Full Marks : 100*

*Time : 3 hours*

**Answer all questions**

*The figures in the right hand margin indicate marks*

*Candidates are required to give their answers in their own words as far as practicable*

**GROUP – A**

**Answer any five questions :      2 × 5**

- 1. Why is it necessary to adhere to an SDLC model for the development of software ?**
- 2. What are Predictable and Unpredictable Risks ?**

*( Turn Over )*



- 10.** Explain the term Project Staffing. Write down the process of project staffing in software project management. 3 + 12
- 11.** Briefly explain Function Point metrics and Feature Point metrics to measure project size. 10 + 5
- 12.** Explain in detail the different stages of the COCOMO estimation technique.
- 13.** Discuss briefly the activities of risk management.
- 14.** What do you mean by Software Configuration and Software Configuration management? Explain the different activities of Software Configuration management. 3 + 12
- 15.** What is Project Scheduling? Explain any two project scheduling techniques. 3 + 12

( 4 )

- 16.** What is testing ? Explain the different types of testing that a software undergoes during its development. 2 + 13

**[ Internal Assessment – 30 Marks]**

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