



\*

**C16-CM-403****6432**

**BOARD DIPLOMA EXAMINATION, (C-16)**  
**OCTOBER/NOVEMBER—2023**  
**DCME – FOURTH SEMESTER EXAMINATION**  
**SOFTWARE ENGINEERING**

*Time : 3 Hours ]**[ Total Marks : 80*

---

**PART—A****3×10=30**

- Instructions :** (1) Answer **all** questions.  
(2) Each question carries **three** marks.  
(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Define software engineering.
2. List any three job responsibilities of a software project manager.
3. Define scheduling.
4. Write a short note about SPMP document.
5. Define SRS.
- \* 6. List any three functional requirements of SRS.
7. Define cohesion.
8. Write any three characteristics of a good user interface.
9. List any three benefits of testing.
10. Define software reliability.

/6432

1

*[ Contd...*

\*

\*

**PART—B**

10×5=50

- Instructions :** (1) Answer *any five* questions.  
(2) Each question carries **ten** marks.  
(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Explain spiral model with appropriate legible diagram.
12. Explain empirical estimation technique.
13. Write in detail about risk management.
14. Explain about requirement gathering and analysis.
15. Define coupling. Explain about any three types of coupling.
16. Distinguish between function oriented and object oriented design.
17. Explain blackbox testing.
18. Explain software quality management system.

★ ★ ★

\*

\*