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BOARD DIPLOMA EXAMINATION
MARCH/APRIL - 2019
DIPLOMA IN COMPUTER ENGINEERING
SOFTWARE ENGINEERING
FOURTH SEMESTER EXAMINATION

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

PART - A   (3m x 10 = 30m)

Note 1:Answer all questions and each question carries 3 marks

2:Answers should be brief and straight to the point and shall not exceed 5 simple sentences

1. List any three software problems

2. List the job responsibilities of a software project manager

3. List any three project estimation techniques

4. What is risk identification?

5. What are the characteristics of a good SRS document

6. Write about requirements analysis

7. Compare graphical user interface and text based user interface

8. Differentiate verification and validation

9. Write about software testing

10. What is software reliability?

PART - B   (10m x 5 = 50m)

Note 1:Answer any five questions and each carries 10 marks

2:The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer

11. Explain classical waterfall model with the help of a neat diagram

12. Explain the metrics for project size estimation

13. Explain about work break down structure

14. Explain how to document the functional requirements

15. Explain command language based interface

16. **Explain about unit testing**.

17. **Distinguish between phased testing and incremental integration testing**

18. **Explain about software quality management system**

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