1121

Code : 15CS51T

Register Number | | | | | | | | | | |

V Semester Diploma Examination, Oct./Nov.-2019

SOFTWARE ENGG.

Time : 3 Hours] **[Max. Marks : 100**

Instructions : (i) Answer any **six** questions from Part – **A**.
(ii) Answer any **seven** full questions from Part – **B**.

PART – A

6 × 5 = 30

1. Define software engineering. Differentiate between process and project. **5**

2. Explain different attributes of software quality. **5**

3. Discuss project management process. **5**

4. Define usecase. List out the terms used in usecases. **5**

5. Discuss the desirable characteristics of an SRS. **5**

6. Explain Top-down estimation approach. **5**

7. Describe project scheduling & staffing with an example. **5**

8. Define code inspection and summarize the report of an inspection. **5**

9. Explain client server architectural style. **5**

$7 \times 10 = 70$

PART – B

(Answer any **seven** questions)

10. Discuss time boxing model with a neat diagram. **10**

11. Explain requirement process with a neat diagram. **10**

12. Describe DFD with a suitable example. **10**

13. Explain different architectural views with an example each. **10**

14. Discuss risk assessment and risk control process. **10**

15. Explain different levels of cohesion. **10**

16. Describe class diagram and sequence diagram with suitable examples. **10**

17. Explain life cycle of defect. **10**

18. Explain main object oriented concepts. **10**

19. (a) Define Devops. Discuss the goals of Devops. **5**

    (b) Explain the Devops Tools. **5**