Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 65194

5 Year M.Sc. DEGREE EXAMINATION, MAY/JUNE 2013.

Fourth Semester

Software Engineering

ESE 041 — SOFTWARE ENGINEERING – II

(Regulation 2010)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1.   What is the need for the Optimization Process?

2.   Define Initial Process.

3.   Mention the elements of a Software Plan.

4.   What is Software Configuration Management?

5.   Distinguish between verification and validation.

6.   What is meant by role of the SPEG?

7.   What are the principles of Data Gathering?

8.   Define Estimating Software Quality.

9.   What is Optimization Process?

10. Define Defect prevention.

PART B — (5 × 16 = 80 marks)

11. (a)   Explain the principles of Software Process Change in detail.

Or

     (b)   Describe about the Software Process Assessment.

12. (a) Write short notes on Managing Software Organizations.

Or

(b) Discuss in detail about the Software Quality Assurance.

13. (a) What is meant by Software Testing? Discuss the different types of testing in detail.

Or

(b) Explain in detail about the Software Configuration Management Plan.

14. (a) Write short notes on Data Analysis.

Or

(b) Describe about the Managing Software Quality.

15. (a) Explain in detail about the principles of Software Defect Prevention.

Or

(b) Describe on :

(i) A framework for software process change.

(ii) Managing resistance to software process change.

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