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Code No: CS1915

GEC-R14

M. Tech II Semester Regular/Suppl. Examinations, July 2017

OBJECT ORIENTED SOFTWARE ENGINEERING

(Computer Science Engineering)

Time: 3 Hours

Max. Marks: 60

Note: Answer any **FIVE** questions. All Questions carry equal Marks.

5 × 12 = 60M

1. a) Explain various Phases in Object Oriented Paradigm. (6M)
b) Explain Classic Life Cycle model with merits and demerits. (6M)
2. Explain how cost and effort is estimated by using COCOMO model. (12M)
3. a) What is an object ? Explain various Inheritance models for OOSE. (6M)
b) Write short notes on (i) Coupling (ii) Cohesion. (6M)
4. What is specification document? Explain the formal methods of developing specification document. (12M)
5. Explain Data oriented design with case study. (12M)
6. a) Differentiate between bug and error. Explain in brief various software quality factors. (6M)
b) Explain cost – benefit analysis with example. (6M)
7. a) What is use-case? Explain use-case modeling with simple example. (6M)
b) What are the challenges in design phase? (6M)
8. Write short notes on
i) Interoperability. (6M)
ii) Rapid Prototyping. (6M)
