Roll No.

Total No. of Pages: 02

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M.Tech.(CSE)EL-I (2015 to 2017) (Sem.-4) SOFTWARE METRICS

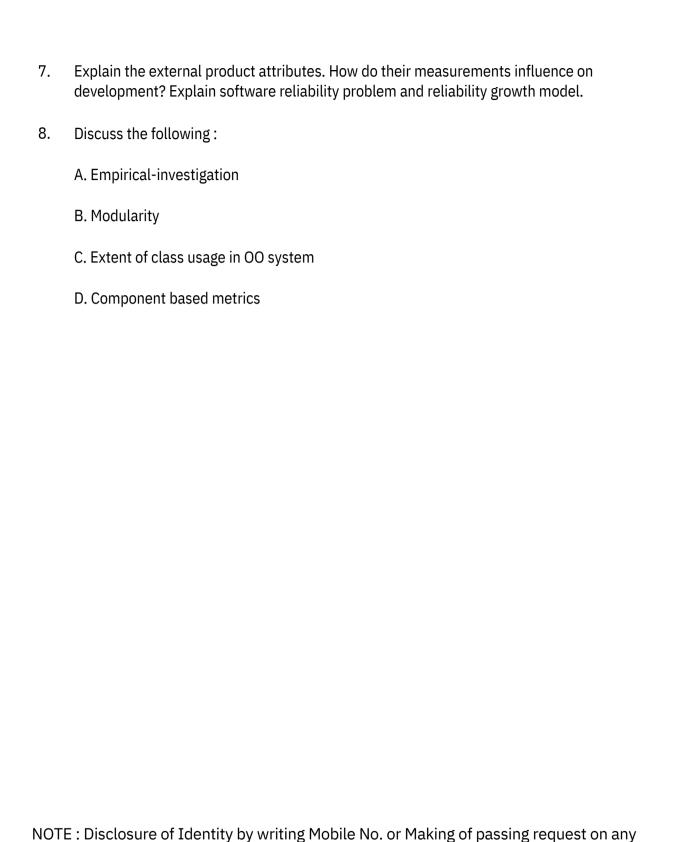
Subject Code : MTCS-203 M.Code : 72887

Time: 3 Hrs. Max. Marks: 100

INSTRUCTION TO CANDIDATES:

- 1. Attempt any FIVE questions out of EIGHT questions.
- 2. Each question carries TWENTY marks.
- 1. A. Explain metrics for object-oriented systems in detail.
 - B. How to measure software quality? Explain its models.
- 2. A. Briefly describe size, cost. Effort, functionality metrics.
 - B. Describe how statistical methods help in analysing software-measurement data. Explain the concept of frequency distribution.
- 3. What are the different activities of Risk Management? How to compute the intent of risk in a software? Explain in detail.
- 4. A. Explain reliability growth model to manage metrics.
 - B. Is it possible to estimate software size before coding? Justify your answer with suitable example.
- 5. A. How function point analysis methodology is applied in estimation of software size? Explain. Why FPA methodology is better than LOC methodology?
 - B. Write in brief the tools and methods used in resource management.
- 6. A. What is risk? Is it economical to do risk management? What is the effect of this activity on the overall cost of the project?
 - B. What is data structure metric? Explain in detail.

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page of Answer Sheet will lead to UMC against the Student.

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