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Total No. of Pages : 02

Total No. of Questions : 07

BCA (2011 & Onward) (Sem.-4)

SOFTWARE ENGINEERING

Subject Code : BSBC-401

Paper ID : [B0240]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and students has to attempt any **FOUR** questions.

SECTION-A

1. Write briefly :

- a) Define Software.
- b) What is software metric?
- c) What is an SRS?
- d) What is a Data Dictionary?
- e) What is the objective of Testing?
- f) What are CASE tools?
- g) What is Software Verification?
- h) What is data modelling?
- i) What is COCOMO?
- j) What is Prototyping?

SECTION-B

2. What is a Process Model? Explain one important process model.
3. Differentiate between a Metric & Measurement. List various types of metrics.
4. What is difference between coupling and cohesion? Discuss.
5. What is meant by 'Structured Analysis'? How is it achieved?
6. What is validation testing? Discuss its importance with an example.
7. What is Software Restructuring? Discuss.