



RR-0815
Third Year B. Sc. Examination
March/April – 2010
Computer Science : Paper - VI
(Old & New Course)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

<p>नीचे दृशावेल निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : T. Y. B. Sc.</p> <p>Name of the Subject : Computer Science - 6 (Old & New)</p> <p>Subject Code No. : 0 8 1 5 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
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(2) All questions carry **equal** marks.

(3) **Q. 1** is **compulsory**.

1 Answer in brief : 14

- (1) What is the difference between system design and detailed design ?
- (2) What is egoless programming ?
- (3) What is verification and validation ?
- (4) What are the weaknesses of CASE tools ?
- (5) Explain Real Time software in brief.
- (6) What is the use of software matrices ?
- (7) Write the major benefits of review.

2 (a) Explain the phases of Software Development process. 7
(b) Explain the major responsibility of project manager. 7

OR

2 (a) Which models are used in Software Development ? 7
Explain any one model in detail. Also write its limitations.

(b) What are the problems of software ? State and 7
explain software characteristics.

- 3 (a) What is SRS ? Discuss characteristics of SRS. 7
(b) Write a note on Data Dictionary. 7
- OR**
- 3 (a) What are the differences between PDFD and LDFD ? 7
Draw context level and first level DFD for payroll system.
(b) Explain Gantt and PERT chart in detail. 7
- 4 (a) What do you mean by testing ? Explain software 7
testing process in detail.
(b) What are CASE tools ? Explain the CASE components. 7
State some benefits of CASE tools.
- OR**
- 4 (a) Which models are used for cost estimation ? Explain 7
multivariable model in detail.
(b) Write note on Design principles. 7
- 5 (a) Write a detailed note on Project management process. 7
(b) Discuss software application. 7
- OR**
- 5 (a) Explain Team Structure. 7
(b) Discuss functions of test manager. 7
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