

Printed Pages: 3

TCS-404

(Following Paper ID and Roll No. to be filled in your Answer Book)

APER ID: 1070

Roll No.

B. Tech.

(SEM. IV) EXAMINATION, 2007-08 SOFTWARE ENGINEERING

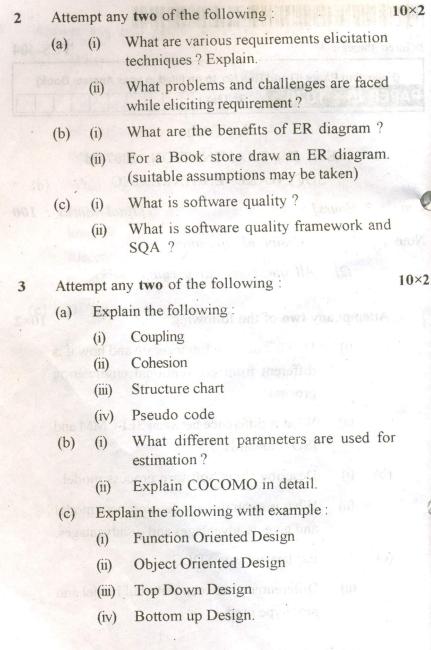
Time: 3 Hours!

[Total Marks: 100

Note

- Attempt all questions. (1)
- All questions carry equal marks.
- Attempt any two of the following:

- (i) Define Software Engineering and how it is (a) different from conventional engineering process.
 - What is difference between SEI-CMM and (ii) ISO standards?
- (b) (i) Describe about software process model.
 - (ii) What is evolutionary development model and give its advantages and disadvantages.
- (c) (i) Explain what is SDLC.
 - (ii) Differentiate between waterfall model and prototype model.



- (a) What is software testing? Explain basis path testing using flow graph analysis in detail.
- (b) Explain white box testing in detail.
- (c) What is difference between testing and debugging?

 Explain regression and acceptance testing in detail.

5 Attempt any two of following:

10×2

- (a) What is software maintenance? Explain Software Re-Engineering.
- (b) What is reverse engineering? Explain Corrective and Perfective maintenance.
- (c) (i) What is software configuration management?
 - (ii) What is Software Version control process? Explain.