

No. of Printed Pages : 03

Roll No.

H310

B. Tech. EXAMINATION, 2020

(Eighth Semester)

(B Scheme) (Re-appear Only)

(IT)

IT464B

SOFTWARE STANDARDS AND QUALITY

Time : 2½ Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Four* questions in all. All questions carry equal marks.

(5)M-H310

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1. What do you mean by software quality ?
Explain the various attributes to measure the software quality.
2. (a) Explain the software quality assurance techniques.
(b) What do you mean by tailoring the software quality ? Explain.
3. Discuss any *one* approach for system testing.
“The good work by system testing teams makes the job of acceptance testers easy.” Comment.
4. Explain the following :
(a) Analysis of defects
(b) Regression testing.
5. What are different issues in implementing the corrective actions ? Discuss any *one* strategy for implementation of corrective action.
6. (a) Is there any method for ensuring the quality of documentation ? If so, discuss.

- (b) Describe the effect of error quantity and error frequency on the quality of software product.
- 7. List out five key attributeds of software quality standards. Distinguish between ISO 9000 and ISO/IEC 9126 standards.
- 8. Write notes on the following :
 - (a) Bootstrap Methodology
 - (b) CMM.