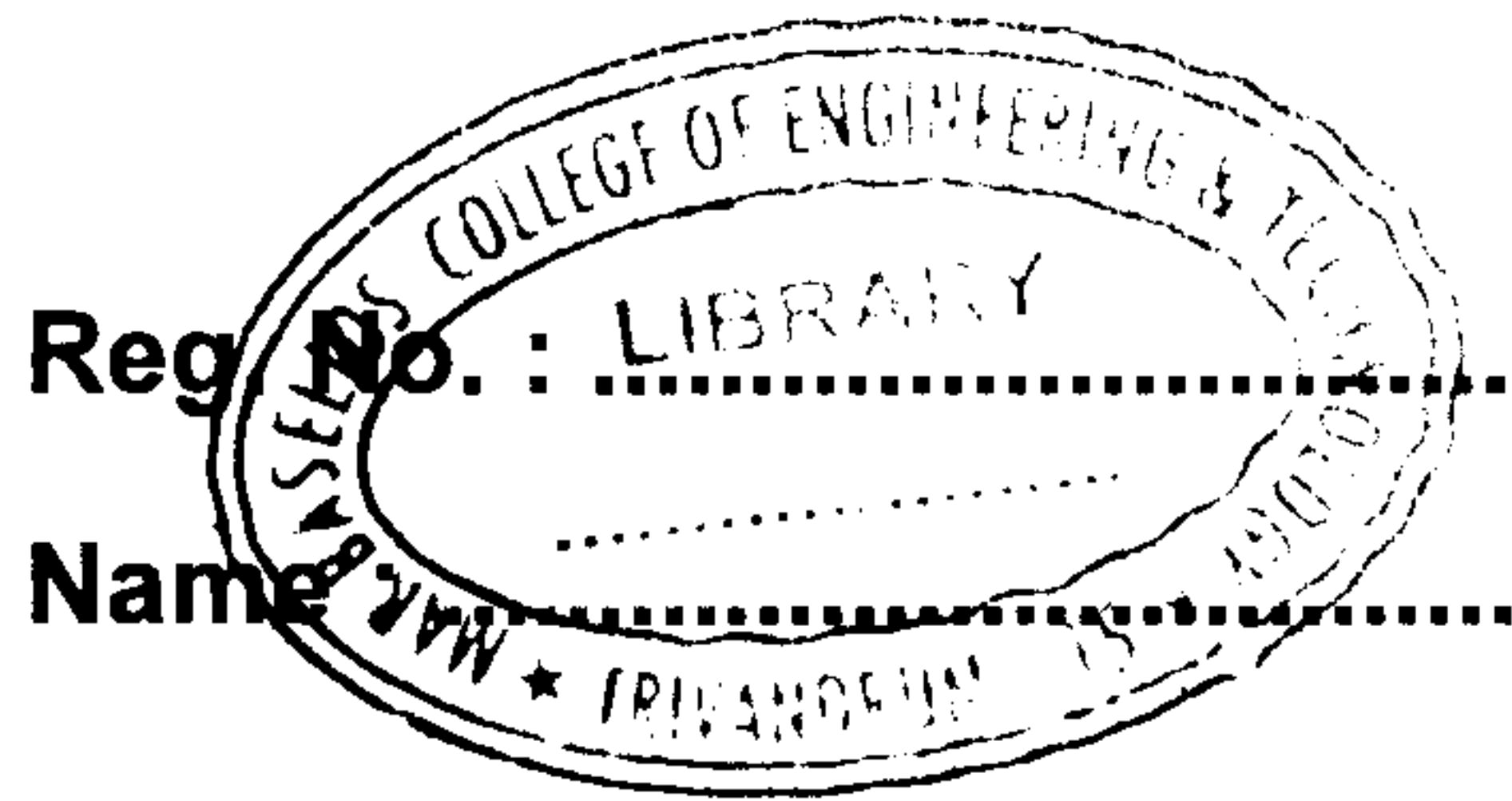


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H – 3426



Eighth Semester B.Tech. Degree Examination, November 2019

08.804 : SOFTWARE TESTING (F)

Time : 3 Hours

Max. Marks : 100

PART – A

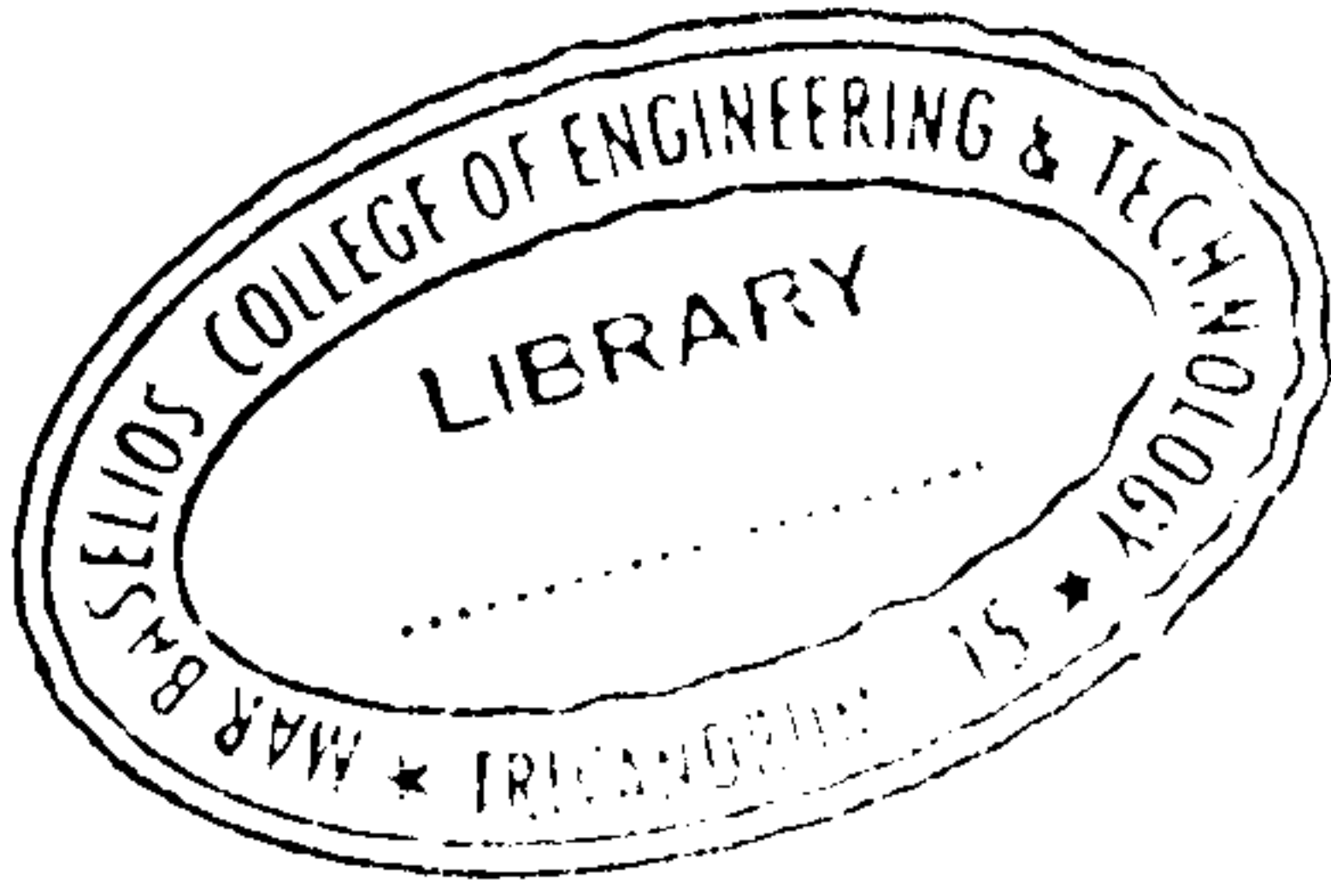
Answer **all** questions:

1. There are sequence of steps involved in Software Development Process. Mention the steps clearly.
2. Compare Manual and Automation testing with highlighting PROS and CONS.
3. Mention the guidelines to be followed to write test cases.
4. Can a developer play a role of a full-fledged tester? If no, justify.
5. Explain the importance of test strategy with three points.
6. List some of the test tools available in the market.
7. How can someone calculate the effectiveness of testing carried out?
8. How important is defect density to be analyzed?
9. How can someone identify the efficiency of a test case?
10. Define the term Benchmarking and mention its importance along with highlight on types.

(10 × 4 = 40 Marks)

P.T.O.





PART – B

Answer **any one full** questions from **each** Module.

Module – I

11. For the following scenarios select the best of the SDLC models and justify your selection.
- (a) A Mobile Phone.
 - (b) A Web Service.
 - (c) An x-ray machine.
 - (d) A website. 20

OR

12. Take a case study of a portal like IRCTC and relate the testing process to be carried out with levels of testing. (Hint: Identify where unit testing, acceptance testing etc. are to be carried out) 20

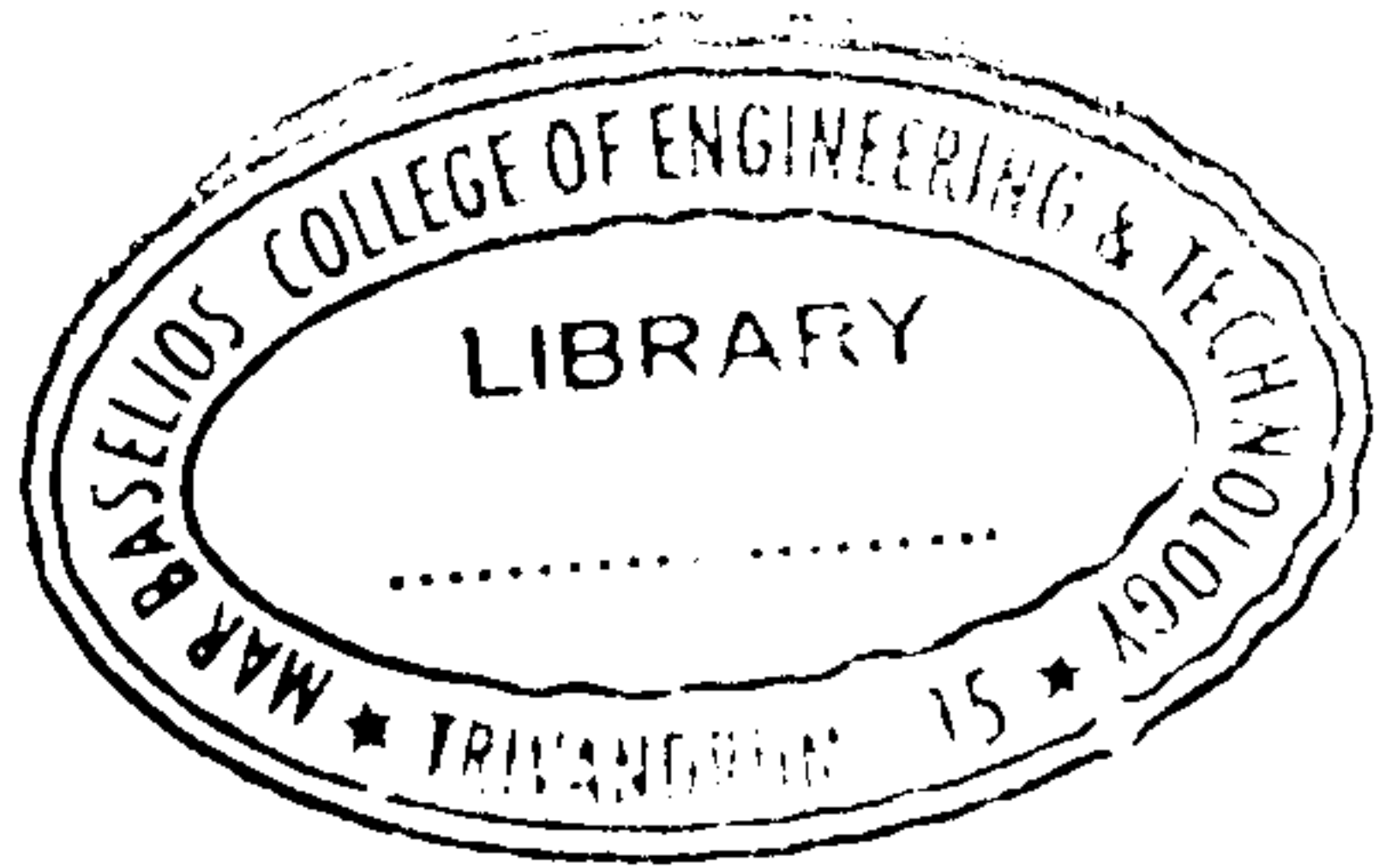
Module – II

13. (a) Differentiate good test case and bad test case with an example for each. 10
- (b) Mention the test scenarios that you will identify for testing an Alarm Clock. Minimum of ten test case scenarios are expected. 10

OR

14. There are multiple test standards available and are followed as well. What would an organization achieve following these standards? There are certain compromises to be undertaken as well. Explain all of them clearly with relevant examples. Also explain about any one testing standard that you are aware of. 20





Module – III

15. (a) Explain clearly your understanding on "Process vs. Quality" in software engineering. **10**
- (b) Define the following terms clearly. **10**
- (i) Check-out
 - (ii) Check-in
 - (iii) Un Check-out
 - (iv) Merge
 - (v) File locking

OR

16. For a testing process to be carried out successfully, there could be need for resources. ie. setting up test bed would demand resources. Explain the necessity of resources and influence of resources on the testing result with an appropriate example. **20**
-

