

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

BMCI (2014 & Onwards) (Sem.-2)
SYSTEM ANALYSIS & DESIGN
Subject Code : BMCI-202
Paper ID : [72464]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. SECTION-B contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. SECTION-C contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A**1. Answer briefly :**

- a) What is the difference between system analysis and system design?
- b) What are the limitations of SDLC approach?
- c) What is Cohesion? How is cohesion different from coupling?
- d) What is Case Study method?
- e) What is a test case? How are test cases generated?
- f) What are Decision Trees used for?
- g) What is the difference between conceptual design and detailed design?
- h) Why is testing of systems necessary? Can systems be perfectly tested?
- i) What are the considerations for file design?
- j) How is implementation different from conversion?

SECTION-B

2. Differentiate between open and closed systems with examples.
3. Discuss the role of System Analyst.
4. What is Documentation? What is the need for documentation in systems analysis and design?
5. What are the types of tests used to test systems? Discuss any two tests.
6. What is Post-implementation review? Explain preventive maintenance in brief.

SECTION-C

7. Define System and discuss its characteristics. What are the elements of a system? Discuss with examples.
8. What are the requirements of a good Form design? Lucidly explain.
9. What is System Implementation? Discuss the various activities carried out during systems implementation phase.