

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)

CLASS : MBA
BRANCH : MGMT

SEMESTER: IV
SESSION : SP-22

SUBJECT CODE & NAME: MT 543 Software Engineering

TIME : 2 HOURS

FULL MARKS: 50

Instructions

1. Total number of questions are 5.
 2. Each question has two parts A & B, each carrying 5 marks.
 3. Total question is of 50 marks.
 4. All questions are compulsory.
 5. Elaborate the points briefly.
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- Q.1 (A) Explain the reasons of popularity of software engineering. (5)
(B) Briefly explain the characteristics of a good software. (5)
- Q.2 (A) Discuss the meaning of coupling and cohesion. (5)
(B) Discuss the role of software verification and validation in software quality assurance. (5)
- Q3 (A) Explain how risk can be managed in project management. (5)
(B) Discuss in brief the types of software testing. (5)
- Q.4 (A) Explain computer organization and architecture in brief. (5)
(B) Explain the concept of Direct Memory Access(DMA). (5)
- Q.5 (A) Discuss in brief the searching and sorting algorithm design techniques. (5)
(B) Write and explain in brief the types of Boolean gates. (5)

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