

Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY
LONERE - RAIGAD - 402 103

Regular End Semester Examination – Summer 2022

Branch: M. Tech. (CE/CS/CS&IT/CS&E)

Subject with Subject Code: Software Architecture [MTCE1202]

Date:

Semester: II

Marks: 60

Time: 3 Hrs.

Instructions:

1. Attempt any 5 questions.
 2. Figures / Structures to the right indicate full marks.
 3. Each question Carry 12 Marks
 4. Assume suitable data, if necessary.
 5. Neat diagrams must be drawn wherever necessary.
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Q. No. 1. Attempt the following questions.

- A) Explain the different type of software reviews in detail. [8M]
B) What is software review and why it is important. [4M]

Q. No. 2. Attempt the following questions.

- A) Explain the common software architecture structures. [8M]
B) What is software architecture and why it is important. [4M]

Q. No. 3. Attempt the following questions.

- A) Explain in detail SEI Frame work. [8M]
B) Write a short note on software documentation. [4M]

Q. No. 4. Attempt the following questions.

- A) Explain the pattern-oriented in software architecture. [8M]
B) Write a short note on Pipe and Filter architecture. [4M]

Q. No.5. Attempt the following questions.

- A) Explain how we can evaluate software architecture. [8M]
B) Write a short note on Publish/Subscriber pattern. [4M]

Q. No. 6. Attempt the following questions.

- A) Explain an architecture Trade-off Analysis method in detail [8M]
B) Write a short note on Technology architecture. [4M]