



Sri Lanka Institute of Information Technology

B. Sc. Special Honours Degree
in
Information Technology

Final Examination
Year 3, Semester I (2022)

SE3030 – Software Architecture

Duration: 02 Hours

Instructions to Candidates:

- ❖ This paper contains **Four** questions. **Answer All** Questions.
- ❖ Marks for each question are given in the paper.
- ❖ Total Marks: 100.
- ❖ This paper contains **5** pages with the Cover Page.

2022 - SE3030 – Software Architecture Final Exam Paper Structure

This is a written exam and use provided answer booklet to answer for all questions. There are 04 questions and total 100 marks and you should answer for all questions, For the overall grade, this weights 60%. Questions are given from all sections, hance you should go through all the lectures and practical sessions. Marks allocation and paper structure is as follows.

Question 01 **(30 marks)**

This question is based on the Enterprise Application Integration (EAI) and simple real-world examples were given. Sometimes you have to draw some diagrams and write some explanations. Some compare and contrast situations are given with sub questions.

Question 02 **(20 marks)**

This question is based on the Design patterns. Sample scenarios, output of a program is given, and you have to write small code segments.

Question 03 **(25 marks)**

You have to write some explanations, apply with real-world example and some compare, and contrast related questions are given.

Question 04 **(25 marks)**

Different architecture comparisons and write some explanations with applying real world examples. Simple scenarios are given in some sub questions