

The Open University of Sri Lanka  
Faculty of Engineering Technology  
Department of Electrical and Computer Engineering



Study Programme	: Bachelor of Software Engineering Honours
Name of the Examination	: Final Examination
<b>Course Code and Title</b>	<b>: EEM6201/EEM6202-Professional Practice</b>
Academic Year	: 2020/21
Date	: <b>16<sup>th</sup> January 2022</b>
Time	: 0930-1230hrs
Duration	: <b>3 hours</b>

### General Instructions

1. Read all instructions carefully before answering the questions.
  2. This question paper consists of **Four (4)** questions in **Two (2)** pages.
  3. Answer **All** questions. Each question carry equal marks.
  4. Answer for each question should commence from a new page.
  6. This is a Closed Book Test (**CBT**).
  7. Answers should be in clear hand writing.
  8. Do not use red colour pen.
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**Question 01****(25 Marks)**

- a) Briefly explain 4 new advancements in IT.  
(08 Marks)
- b) Explain the positive and negative social impacts of each of those new advancements in IT.  
(06 Marks)
- c) Briefly explain what is meant by “Digital Divide” and how it has affected the society.  
(06 Marks)
- d) Briefly explain your role as a Software Engineer/IT Professional in order to minimize the issues due to advancements in IT.  
(05 Marks)

**Question 02****(25 Marks)**

- a) Give three examples for professional bodies in IT and briefly explain why it is important to join a professional body.  
(08 Marks)
- b) Explain four important areas covered in these Codes of conduct.  
(08 Marks)
- c) Compare two codes of conduct of Computing Professional bodies.  
(04 Marks)
- d) Briefly explain the impact of codes of conduct.  
(05 Marks)

**Question 03****(25 Marks)**

- a) Explain what is meant by intellectual property. Give three examples for intellectual properties. (06 Marks)
- b) Explain the following methods used for protecting intellectual property rights.  
i. Patent  
ii. Trademark/Trade Secret (06 Marks)
- c) What are the methods used for protecting intellectual property of software? (06 Marks)
- d) What are the benefits of protecting intellectual property rights? (07 Marks)

**Question 04****(25 Marks)**

- a) It is known that Information Technology affects the day to day human life. What is your idea about this impact, whether it is good or bad? Justify your answer. (6 marks)
- b) The concept "Telework" increase the productivity of an organization. But there are disadvantages as well in this concept. Discuss two disadvantages. (6 marks)
- c) Briefly explain four advantages of "Globalization". (8 marks)
- d) Is extensive use of machines can affect the humankind? Justify your answer. (5 marks)

**---END OF THE PAPER---**

