

University of Asia Pacific
Department of Computer Science and Engineering
Mid-Semester Examination Fall-2020
Program: B.Sc. in CSE

Course Title: ICT Law, Policy and Ethics

Course No.: CSE 407

Credit: 2.00

Time: 1.00 Hour

Full Marks: 20

Answer any 2 (TWO) of the following questions.
(You MUST answer each part of a question consecutively)

1. Critically evaluate the relevant provisions of law which reflect that the Digital Security Act, 2018 propels the power of the Executive. (10)

2. Mr. Desire works in a software development firm in Bangladesh. He is also involved with Ms. Praise in a romantic relationship who happens to be the colleague of Mr. Desire. Ms. Praise is the in-charge of maintenance of the information infrastructure of the said firm. The information infrastructure stores a number of databases and information which are critical in nature and is responsible for public health. One such information is related to the development of a copyright protected software “Prattle” which is used by the mute people to communicate with others through data input. Currently, Mr. Desire is working on a prototype which requires some of the algorithmic information that were used in “Prattle”. He is going to present the prototype in a fortnight at the reputed conference to be held in Kolkata. He asked for help from Ms. Praise. Ms. Praise informed that the information is confidential. As the in-charge of maintenance she can certainly access the information, however, having strong work ethics, Ms. Praise denied to give the information to Mr. Desire. A fortnight later, Mr. Desire published his prototype stating the novelty of the work in the conference. Ms. Praise, having clear knowledge about the critical information stored in the firm’s infrastructure in Bangladesh, knew at once that the prototype is not novel and has a lot of copied algorithms from the “Prattle”. She cornered Mr. Desire and he confessed that he copied the information from the infrastructure while he went to see Ms. Praise at office. Analyse the situation and discuss the applicable legal rules and provisions. (10)

3. What is the need of having principles in the Code of Ethics for the Software Engineers? How are you going to ensure each principle at work as a software engineering professional? (10)