Ahsanullah University of Science and Technology (AUST)
Department of Computer Science and Engineering
QUIZ 01: Spring 2021

Program: B.Sc. in CSE, Semester – 3.2, **Set - A**

Course Code: CSE 3223
Course Title: Information System Design and Software Engineering

Time: 40 Minutes   **Marks: 10**

Name -	ID -
Section -	Email:

1. To develop an office automation software, the X company is divided its tasks to different phases and its emphasizes the support of decision making in all its phases, although the supreme power is in the hand of the decision maker of the company. **Analyze** the scenario and justify your answer by proposing the best suited model. [04]

2. Consider the following activity-time chart schedule and **construct** the PERT network by showing   [06]
the critical path with the calculation of ES, LS, EF, LF and slack times for each activity.

Activity	Immediate Predecessor	Completion Time (Week)
I	-	2
II	-	3
III	I	2
IV	II	3
V	II	2
VI	III, IV	3
VII	III, IV	2
VIII	III, IV, V	7
IX	III, IV, V	5
X	VIII, VI	6