



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 - B

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 using the knowledge of human experts [04]
for solving particular problem experienced in the project and it mainly emphasizes on the knowledge
base and AI reasoning to solve it. **Analyze** the scenario and justify your answer by proposing the best
suited model.

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)
K	-	5
L	-	4
M	-	6
N	K, L, M	4
O	K, L, M	8
P	N	6
Q	N, O	3
R	N, O	4
S	P	2
T	Q	8