

[Answer all the questions]

SL N	Questions	Marks
1.	(a) What do you understand by software crisis? Discuss with appropriate example.	[5]
	(b) Discuss the Graduate Attributes and Professional Competency in light of Washington Accord (WA) & International Engineering Alliance (IEA).	[5]
2.	(a) Demonstrate some technologies that might be considered as “social experiment” and explain what moral principles this “experiment” brings up and how do they apply?	[5]
	(b) Suppose you are working as a software engineer in a reputed software company. Explain the professional rights for Engineers in perspective of Engineering Ethics as the employee of your company.	[5]
3.	(a) BUBT-ANNEX known as NX-BUBT is A New Nexus of Excellence. It's an online platform for Students, Teachers and Stuffs which provides them various academic and administrative help. Analyze software project management activities for this software of BUBT.	[5]
	(b) In 2018, Wales National Health Service (NHS) experienced a widespread computer failure that led to issues accessing patient files. In many hospitals and facilities, doctors were unable to see patient files. This meant they couldn't access X-ray results or blood work. It also led to a backlog in appointments, since patients couldn't be seen and the system didn't allow for cancellations. Analyze this scenario from the view of software project failure and give your reasoning about how this type of situation can be avoided.	[5]