COMSATS University Islamabad, Lahore Campus

Quiz # 3 – FALL 2020

Course Title:		Operating Systems		Course Code:	CSC322	Credit Hours:	3(2,1)
Course Instructor:		Dr. Hasan Jamal		Programme Name:		BCS	
Semester:		Batch:	Section:		Date:	25/12/2020	
Name			**Student ID**		**Marks**	**10**	

Important Instructions / Guidelines:
- Submit your solution on Google Classroom.
- Any form of cheating or copying will result in zero marks.
- One mark will be deducted per minute of late submission over the submission deadline.

Question: **[10 marks]**

Consider the following page reference string:

6 3 2 1 2 3 6 7 3 2 1 2 6 5 1 2 4 3 2 1

How many page faults would occur for First in First Out and Least Recently Used page replacement algorithms for the case of **Four Frames**. Remember all frames are initially empty, so your first page in all cases will cost one fault each. Show all your steps.