ESE- All

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Academic year Semester 2022 – 2023
Program Name/Code: AIML(CS210)   Semester: 7
Subject Title:Advanced Database Management   Subject Code: CST-434
Time: 3 Hour   Maximum Marks: 60

Instructions: Attempt all questions

Q. No	Statement
Section A	
5 x 2 = 10 marks	
1	Define Locks and its type.
2	Define Exception and its type.
3	Describe the term multivalued Dependency.
4	Describe type of triggers.
5	Define concurrency.
Section B	
4 x 5 = 20 marks	
6	Explain Sequence and create a sequence which starts with 500 and ends at 900.
7	Explain the function in PL/SQL with an example.
8	Discuss the role of timestamp-based protocol.
9	Explain the role of optimistic protocol.

	Section C
	3 x 10 = 30 marks
10	Explain Views in Database with examples.
11	Discuss the Package specification and package body. Create a package containing a procedure for calculating the interest on given amount, interest rate and time.
12	Discuss the closure set of functional dependency. Find the closure set of functional dependency of the given set F = {A -> B, C -> D, BD -> E, AC -> E}