

Anjuman Islam Janjira Degree College of Science
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Class: -S.Y.B.Sc C.S	Subject: - Advance Database Concepts
Semester:- III	Course code: -USCS304
Exam Event:- Additional Exam Summer 2024 (FH)	Marks: -75
Date: - 26/03/2024	Duration: - 02:30 Hours

- N.B. –**
- 1 – All questions are compulsory.**
 - 2 – All questions have internal choice.**
 - 3 – Figures to the right indicate full marks.**

Q1. Answer the following question (4 out of 6)

20

1. Explain the Architecture of pl/sql with advantage and disadvantage.
2. Discuss declaring variables and declaring constants.
3. Define Altering a sequence in detail.
4. Define creating a sequence in detail.
5. Explain IF-THEN statement with example.
6. What is sequence reference?

Q2. Answer the following question (4 out of 6)

20

1. Describe DELETE and TRIM collection method.
2. Explain cursor expression with example.
3. Explain two types of collection comparisons with example.
4. Define types of cursors.
5. Explain multidimensional collection in detail.
6. Explain SQL Injection.

Q3. Answer the following question. (4 out of 6)

20

1. How to create Triggers in database?
2. Explain package Instantiation and Initialization in detail.
3. Write a head log protocol.
4. Discuss package body in detail.
5. Explain Log Based recovery.
6. What is ARIS Algorithm.

Q4. Answer the following question. (5 out of 6)

15

1. Short note on EXTEND collection method?
2. Explain overview of cursors.
3. What is check points.
4. Explain recovery related structure.
5. Describe Pragmas in short.
6. Explain control selection statement.