Course Name & code: Database Technologies & ITA5008

Class Number (s): VL2022230105111   **Slot: B2+TB2**

Exam Duration: 100 Min.   **Maximum Marks: 50**

Faculty Names: Prof. Maddiralla Vinay

SET-3

(Attempt all Questions from this Section)

Question-1

Consider the Hotel database

Hotel (Hotel_No, Name, Address)

Room (Room_No, Hotel_No, Type, Price)

Guest (Guest_No, Name, Address, phone_num)

1. Create tables identifying primary keys and foreign keys and insert necessary records. [**15M**]

2. Write the following queries in SQL (**4*5 =20**)

a) List the names and addresses of all guests in Hyderabad, ordered by name.

b) Find the average price of a room?

c) List all double or family rooms with a price below £40.00 per night, in ascending order of price.

d) List all guests currently staying at the paradise Hotel.

E) List the price and type of all rooms at the Paradise Hotel.

Question-2

Write the PL/SQL programs to create the procedure to find Fibonacci series. **[15M]**