

Use ***Hospital Database*** as published in <https://www.sql-practice.com/> Portal to answer the following Questions by executing SQL Statements then COPY and PASTE both the SQL Statements and its respective Output in a Word Document as your assignment report to be uploaded to LMS System (lms.udsm.ac.tz).

- Q1. Draw an E-R diagram of the Hospital Database.
- Q2. Display the Hospital database schemas.
- Q3. Insert your name and other information in the 'patient' relation but use the 'city' column to enter your RegNo.
- Q4. Display a patient record whose city is equal to your RegNo.
- Q5. Update the patients table for the allergies column to IS264 where the city value equals to your RegNo.
- Q6. Show how many patients have a birth\_date with YOUR birth year (at least your name must appear).
- Q7. Show the provinces that has more patients identified by your gender value (M if you are a male and F if you are a Female).
- Q8. Show the total amount of male patients and the total amount of female patients in the patients table. Display the two results in the same row.
- Q9. Insert an admission record whose patient\_id is your name's patient\_id, diagnosis as malaria and any doctor of your choice.
- Q10. Show patient\_id, first\_name, last\_name, and attending doctor's specialty. Show the patients who has a diagnosis as 'malaria' and the patient 's first name is your name.