



RAN-2411000901022002 - E
F.Y.B.C.A. (Sem. - I) Examination December - 2025
105 - Data Processing Analysis (Practical)

[Total Marks: 25

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
 Fill up strictly the above details on your answer book.

Seat No.:

Student's Signature

Q. 1. Create a worksheet for the following fields.**(10)****Employee**

EMP No	EMP Name	Designation	Salary
101	R. K. Patel	Manager	12000
102	C.B. Patel	Programmer	8000

- Add at least 5 records.
- Add one more column Bonus and calculate Bonus according to salary columns using following Criteria
 salary $\leq$ 10000 then bonus is 10% Else bonus is 20%
- Calculate Total salary. [Total salary = salary + bonus]
- Calculate average salary and average bonus in end of salary and bonus column.
- Find maximum salary and bonus.
- Protect the sheet.

Q. 2. Create the following table with appropriate constraints:**(10)**

Student (rollno, name, course, city, age)

Write appropriate SQL statements for the following.

- Insert minimum 5 records in table.
- Display the name of students living in 'Delhi'.
- Display the names of student, whose age is less than 20.
- Give details of students for 'B.A.' Course.
- Delete all the students from student table whose course is "MCA"
- Change City from Delhi to New Delhi.

Q. 3. Viva + Journal**(05)**