



RAN-2411000901022006-A

F.Y.B.C.A. (NCF-NEP) (Sem. - I) Examination December - 2025

Basics of Data Science (Practical)

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) All questions are compulsory.
- (3) Figures to the right indicate full marks.

Seat No.:

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Student's Signature

Q.1. A. Create the table below with proper datatype and constraints.

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Table 1 : Doctor

Column	Constraints
DocID	PRIMARY KEY
DocName	NOT NULL
Specialization	CHECK(Specialization IN ('Cardio', 'Ortho', 'Dental', 'Skin'))
Fees	CHECK(Fees>0)
City	

Table 2 : Appointment

Column	Constraints
ApptID	PRIMARY KEY
PatientName	NOT NULL
DocID	FOREIGN KEY REFERENCES DOCTOR(DocID)
ApptID	CHECK (ApptDate <= SYSDATE)
Status	CHECK (Status IN ('Booked', 'Completed', 'Cancelled'))

Insert 5 records in both tables.

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Q.1. B. Perform below operation.

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1. Update Fees of the doctor whose DocID = 102 to 700.
2. Rename column Fees to ConsulFees in DOCTOR table.
3. Display doctor id, name with specialization whose fees between 500 to 1500.
4. Display patient detail contain "i" in patient name.
5. Delete all appointments where Status = 'Cancelled'.

Q.2. Journal & Viva

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