Name - Hourist Stille

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UCID:



Duration: 1 hour

Marks: 25 Marks

General Instructions: Viva will be taken at the time of practical as well as after the practical if required.

The figures to the right indicate full marks.

If you are using any additional information, state it clearly.

Once you finish with the code show it to the examiner for testing. Write your answer in Word file and upload it on Moodle.

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Q. 1 A)	Consider the reservation database given below. The primary keys are underlined and the data types are specified:	10
	Sailor (Sname: varchar(50), s_rating: number(10)) Boat (bname:varchar(50), color:varchar(20), b_rating:number:number(10)) Reservation (sname:varchar(50), bname:varchar(50), wekkday:varchar(50)) a) Create the above tables by properly specifying the primary keys and the foreign keys and named constraints. b) Enter atleast five tuples for each relation. c) Write SQL query to create a view of Sailor table where rating is 10. d) Write SQL query to find boat details and Sailor details using join.	
B)	e) Create Primary Index on Boat's name. Write PL/SQL trigger that raises an exception when number of Sailor's are greater than	10
D)		5
C)	Write PL/SQL code to show all the constraints defined on Sailor relation.	91

BIA) (reate database reservation;

a). Create table Sailor (Sname varchar (50) primary key, 5-rating int);

· Create table bout (brame varchar(50) primary key, who varchar(20)

(rocks i brating int);

· (reate table recervation (sname varchar(so), brame varchar(so),

wellkday writer(co));

elter table resourched add constraints foreign key FKI (sname)

- alter table respondion add constraints to reign key Far (brane)

Q(B) insort into sciloral'Yash', S), ('Arabile', 4), ('Shiv', S), ('Arash', S), ('Arash', S),

(1080); (teses, 13); (tesenaid, 1840, 3), (1808, 1843, 5); (teses, 3); (teses, 3);

insert into reservation saluce ('Yosh', 'shousand sunny's, 7), ('Arahik', 'Gons nemy's), ('Shin', 'orums', 5), ('Tosas', 'nemai &', 4), ('Arahi', 'bob', 2),

OI () create view rating as Select sname, s-rating From Sailor whore Stating 210; Select * From rating; Q1db-) Select A.*, B. * From sailor as A 1884 outre soil reservation DE Box A. Sname = R. sname RIGHT OUTER JOINT - COMMENDED DOUT OF B OU B. DRANG = 13- Drang (FE) (seate index primary-index on sout (source); 28 -) (xate Definer= 'soot'@'localnost' TEILGER 'Sailor_insert' befor insert on sailor for each now begin del brezin declare cint; Set c = (Select (ourt (sname) From sailor); If C) \$4 thon Signal solstATE 1450001 SET MESSACR_TEXT = "ERROR: Number of sailor is seater than S'; FUR if

QC)->

EU8.

Soloct column-name, constraint-name, reference-column name, referenced-tolole-name.

From inflormation-schoole. Koy-column-usuge
whose table-name: soilor: