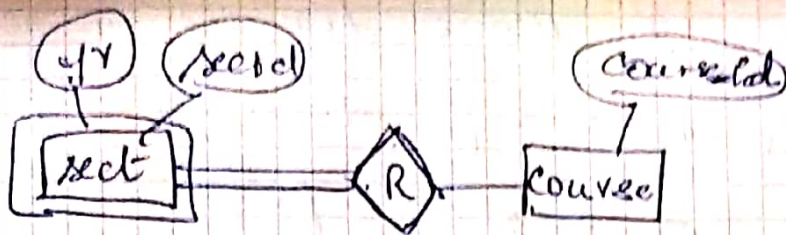


Q.3 (iii)

(a)



(b)

4

(1) Ship movement

Parameters

date	time	longitude	latitude	Sname
------	------	-----------	----------	-------

(2)

ship

Sname	Course	Type
-------	--------	------

(3)

ship type

Type	Tonnage	Hull
------	---------	------

(4)

Port

Pname	Statename	SeaName	Shipname
-------	-----------	---------	----------

(5)

State

Name	Continent
------	-----------

(6)

Sea

Ocean Name

(7)

Port visit

ShipName	State	End date	Port Name
----------	-------	----------	-----------

(Optional)

Set 2

(1) PL/SQL :-

Write either procedure/function / anonymous block

declare cursor employee_cur is

select employee_id, salary from emp~~table~~
where count(fid) >= 5 and emp.pid = dep.pid
in~~cre~~sal number;

begin

[OPEN CURSOR]

begin

for employee_cur in employee_cur loop

inc~~re~~sal = 0.10;

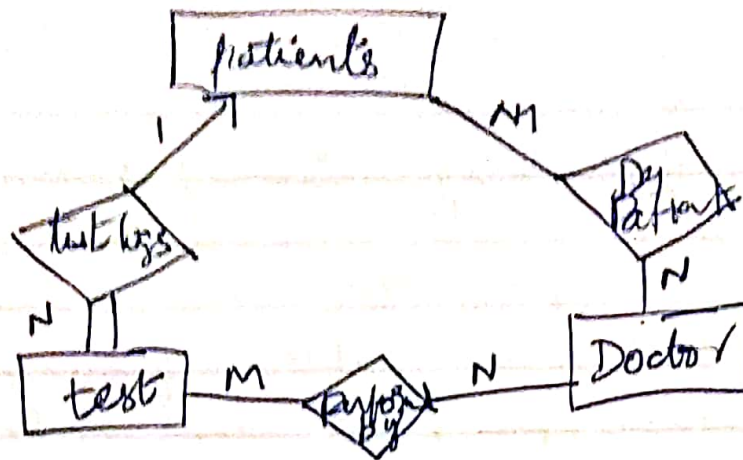
update emp~~table~~

set salary = salary + salary * inc~~re~~sal

[where current of employee_cur;]

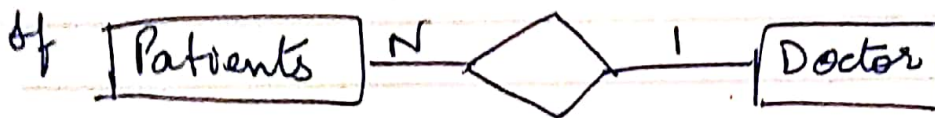
end loop;

end; /



① Patients [All 5 attributes]

⑤ not
[1/2]



Patients [dss# All attributes of pt]

② Test [ss# all attributes of test] — (1m)

③ Doctor [All attributes of Doctor] — (1/2)

④ Performed by [testid dss#] (1/2)

⑤ Dr-Patient (if consider m:n)

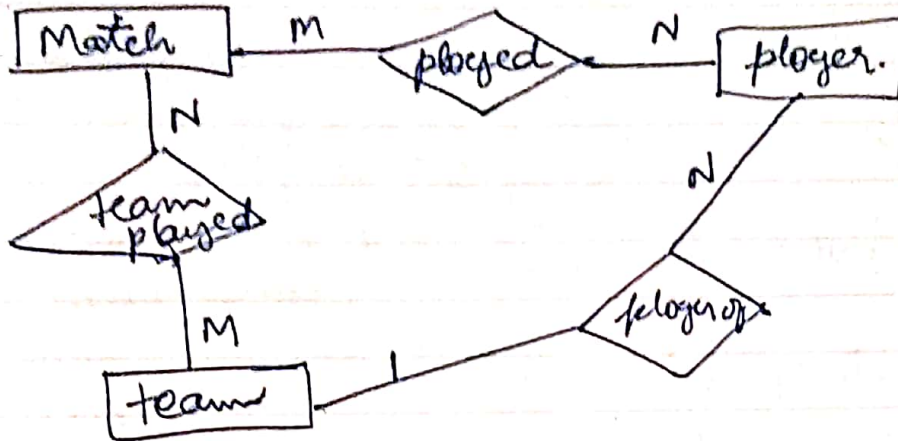
[dss# ss#] (1/2)

Sub 3

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① Conditions to be taken care with example. (2M)

②



Any other Cardinality if assumed should be justified.

Match | Attribute | (1/2)

team | Name | (1/2)

player | name | age | teamname | (1/2)

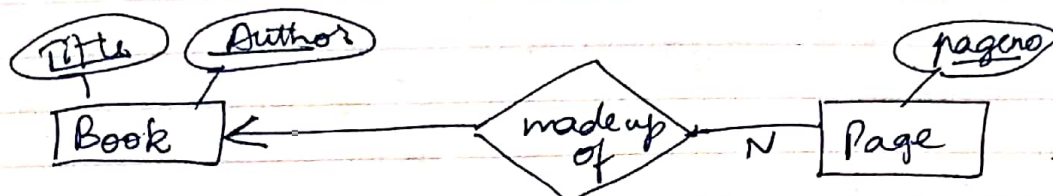
played | matchid | Name | score | (3/4)

teamplayed | matchid | Name | score | result | (3/4)

sub 4

A book which is made up of multiple pages can be identified by title and author

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② ① Company | Any attributes (Comp Name) (I have assumed Comp Name)

② staff | Attribute of staff Comp Name | Since (1/2)
(do not include Age)

③ Phoneno (multivalued) | Phono | ID (1/2)

④ Task | Description

⑤ Perform | staff ID | descrip (1/2)

⑥ Wife | ID | Wife Name (Do not add wifename in staff) (1/2)

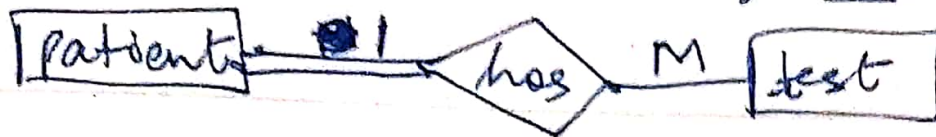
⑦ child | Child Name | Staff ID (1/2)

Marks Task & company = 1/2 M.

sub

each patient has a log of various tests

 Mahindra Saty



(2) cursor (ans key not actual code).

declare cursor C as select cno, sec_pl
count(*) from section NT enrollment
grouping sec_id, course_id

loop through the cursor to display
enrollment information