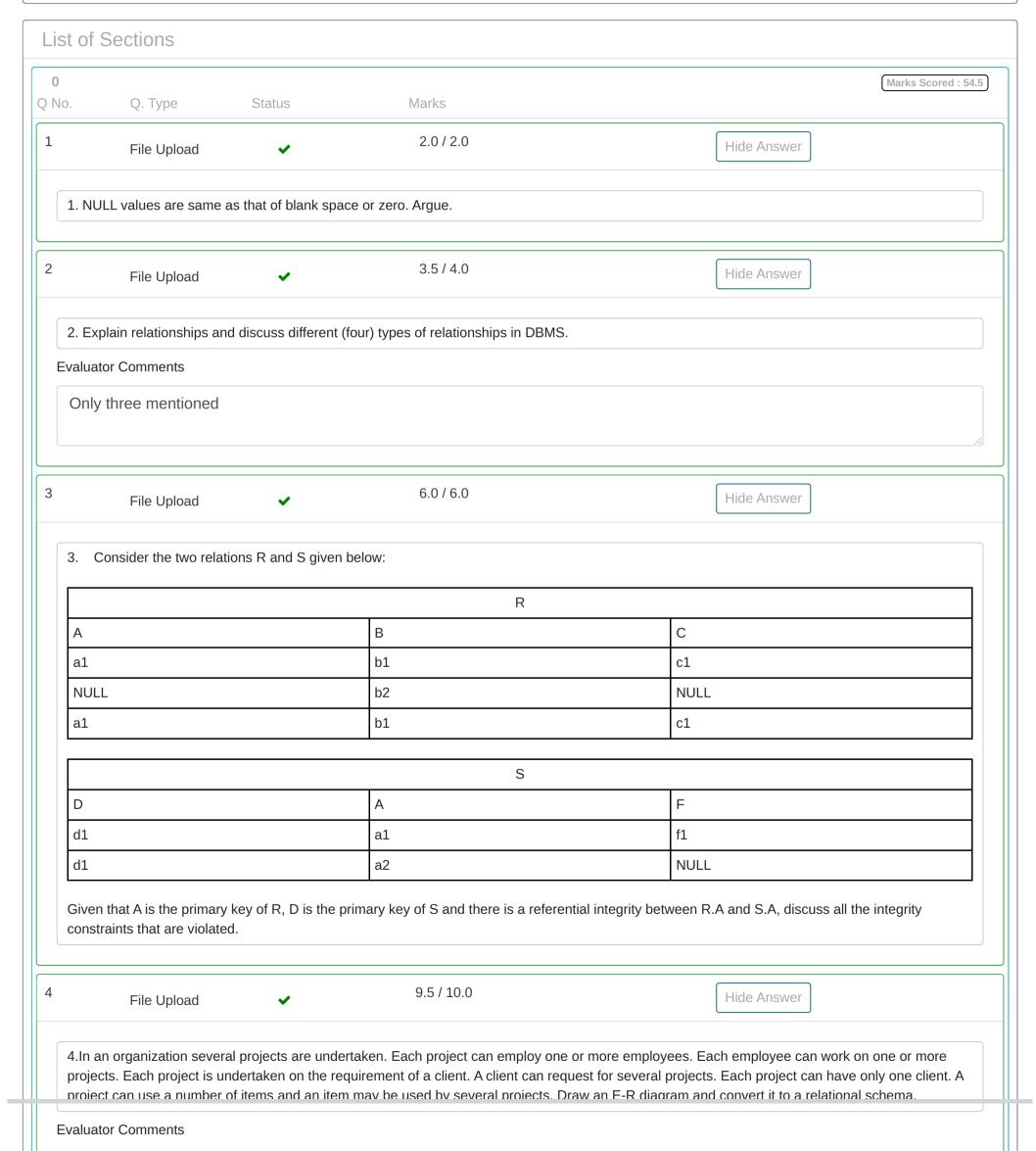
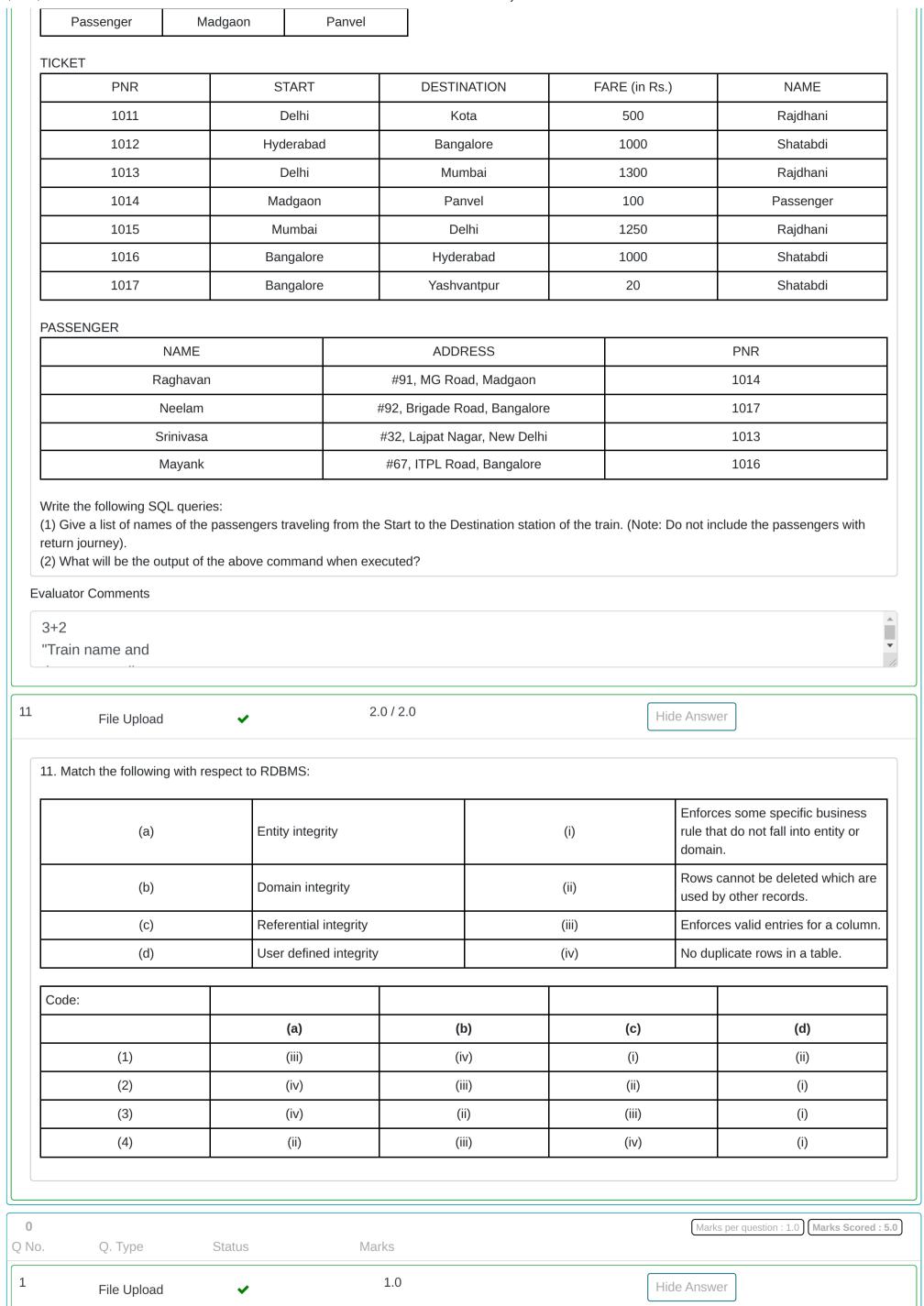


♣ Previous
Page: 1 / 16
Next ♣



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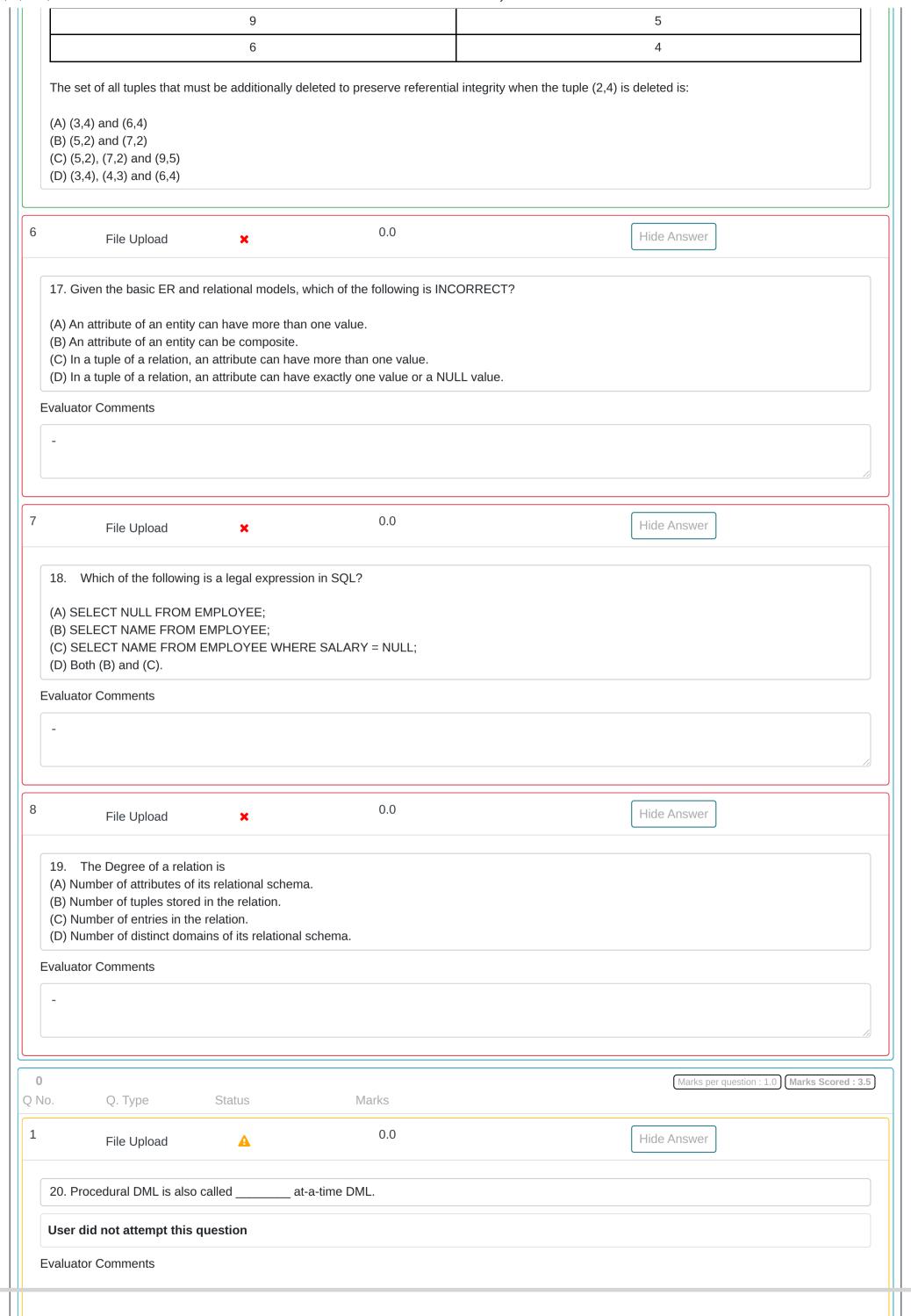
	relational schema	not given for use ar	nd cardinality ratio w	rong for requests						
5	File Upload	✓	4.0 / 4.0		Hide Answer					
	5. Explain participation constraint. What are the 2 types of participating constraints? Explain in brief with one example for each.									
6	File Upload	✓	8.0 / 8.0		Hide Answer					
	6. Explain the different types of keys in database. Use a set of relations (as an example) from a valid Database state of any relational Database schema to explain the various keys.									
,	File Upload	~	4.0 / 4.0		Hide Answer					
	7. Mention 2 difference	es between Unique K	ey and Primary Key.							
}	File Upload	~	4.0 / 4.0		Hide Answer					
	8. Amit is working in a	reputed Database Fi	rm. While working on a	project, he comes acro	ess a relation given below:					
	Student_ID	Student_Name	Subject	Marks						
	2407	Ranjit	Computer	72						
	2407	Ranjit	Economics	65						
	2407	Ranjit	Mathematics	79						
	2408	Anurag	English	63						
	2408	Anurag	Social Science	75						
	2408	Anurag	Economics	89						
	In the above relation, relations. Help Amit d		undancy. He wants to a	avoid that. His manager	suggests to decompose the relation into two different					
	File Upload	✓	6.5 / 7.0		Hide Answer					
	9. Explain briefly: Which among the aboame.	iii.) Referential ir	ity constraints ntegrity constraints	peration is performed o	n some relation of a database? Suggest remedies for the					
E	valuator Comments									
	"Entity Int. const sa that PK cannot tak									
.0	File Upload	~	5.0 / 6.0		Hide Answer					
	10. Consider 3 relatio	ns: TRAIN, TICKET a	nd PASSENGER as sh	own below:						
	TRAIN									
	NAME	START	DEST							
	Daidhani	Dalhi	Mumbai							
	Shatabdi	Hyderabad	Bangalore							



12 Which one is correct with respect to RDRMS2

(A) primary key \subseteq super key \subseteq candidate key

(0) 31	super key ⊆ primary key			
	File Upload	~	1.0	Hide Answer
I. Inse	Let R(a, b, c) and S(d, e ations: Sert into R Sert into S selete from R selete from S	e, f) be two relation	ns in which "d" is the foreign key of S	that refers to the primary key "a" of R. Consider the following for
(A) B (B) B (C) I,	ch of the following can cand the second of the following canda of the second of the second of the above.	ause violation of th	ne referential integrity constraint?	
	File Upload	~	1.0	Hide Answer
14. C	Consider the following E	ntity Relationship	Diagram (ERD):	
(A) P (B) Q (C) E	ch of the following possil Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Ex Exam (ExamID, ExamNa	ıID, QualifiedDate) amName)	ot hold if the above ERD is mapped in	ExamID ExamName Into a relation model?
(A) P (B) Q (C) E	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exa	ble relations will no IID, QualifiedDate) amName)	ot hold if the above ERD is mapped in	
(A) Po (B) Q (C) E (D) E	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exa Exam (ExamID, ExamNa File Upload	ble relations will no alD, QualifiedDate) amName) ame)	ot hold if the above ERD is mapped in	Hide Answer
(A) Po (B) Q (C) E (D) E	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exam Exam (ExamID, ExamNa File Upload f D ₁ , D ₂ D _n are domai D ₁ ⊕D ₂ ⊕ ⊕D _n D ₁ xD ₂ x xD _n D ₁ UD ₂ U UD _n	ble relations will no alD, QualifiedDate) amName) ame)	ot hold if the above ERD is mapped in	Hide Answer
(A) Po (B) Q (C) E (D) E	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exam Exam (ExamID, ExamNa File Upload File Upload O1 D2 Dn are domai O1 D2 Dn O1 D2 UDn O1 D2 UDn O1 D2 UDn	ble relations will not all D, Qualified Date) amName) wins in a relational relations.	1.0 model, then the relation is a table, whi	Hide Answer Hide Answer C is the foreign key referencing A with CASCADE on DELETE.
(A) Po (B) Q (C) E (D) E	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exam Exam (ExamID, ExamNa File Upload File Upload O1 D2 Dn are domai O1 D2 Dn O1 D2 UDn O1 D2 UDn O1 D2 UDn	ble relations will no allD, QualifiedDate) amName) ame)	1.0 model, then the relation is a table, whi	Hide Answer Hide Answer
(A) Po (B) Q (C) E (D) E (D) D (C) D (D) D	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exam Exam (ExamID, ExamNa File Upload File Upload O1 D2 Dn are domai O1 D2 Dn O1 D2 UDn O1 D2 UDn O1 D2 UDn	ble relations will not all D, Qualified Date) amName) wins in a relational relations.	1.0 model, then the relation is a table, whi	Hide Answer Hide Answer C is the foreign key referencing A with CASCADE on DELETE.
(A) Po (B) Q (C) E (D) E (D) D (C) D (D) D	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exam Exam (ExamID, ExamNa File Upload File Upload O1 D2 Dn are domai O1 D2 Dn O1 D2 UDn O1 D2 UDn O1 D2 UDn	ble relations will not all D, Qualified Date) amName) when are lational relational relations.	1.0 model, then the relation is a table, whi	Hide Answer C is the foreign key referencing A with CASCADE on DELETE. C
(A) Po (B) Q (C) E (D) E (D) D (C) D (D) D	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exam Exam (ExamID, ExamNa File Upload File Upload O1 D2 Dn are domai O1 D2 Dn O1 D2 UDn O1 D2 UDn O1 D2 UDn	ble relations will not all D, Qualified Date) amName) with a relational relations and relational relations are relational relations.	1.0 model, then the relation is a table, whi	Hide Answer C is the foreign key referencing A with CASCADE on DELETE. C 4
(A) Po (B) Q (C) E (D) E (D) D (C) D (D) D	Person (NID, Name) Qualification (NID, Exam Exam (ExamID, NID, Exam Exam (ExamID, ExamNa File Upload File Upload O1 D2 Dn are domai O1 D2 Dn O1 D2 UDn O1 D2 UDn O1 D2 UDn	ble relations will not all D, Qualified Date) amName) ame) ins in a relational relations and relational relations are relational relational relational relational relational relations are relational relations are relational relational relational relations.	1.0 model, then the relation is a table, whi	Hide Answer Chich is a subset of Hide Answer C is the foreign key referencing A with CASCADE on DELETE. C 4 4 4



//								
21. There are two types of binary relationship constraints: and								
22. The clause specifies candidate keys.								
23. A domain can also have an optional default specification via a clause.								
24. Key is a property of entity set. This statement is True or False?								
10								

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