



Fifth Semester B.E. Information Science & Engg. Examinations Feb. - Mar. 2022

Database Management System

Time: 3 Hours

Max. Marks: 100

Note : 1. Answer any five questions choosing one full question from each unit.**Unit - I**

- 1** a) Define the following terms

i) Database ii) DBMS III) Host language iv) SDL V) Metadata

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- b) Design an ER diagram for a BANK database, Assume your own entries (minimum 5 entries). Specify the necessary requirements.

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- c) Describe the three-scheme architecture why do we need mapping between scheme levels? How do different schema definition language support this architecture.

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OR

- 2** a) List the advantages of using the DBMS approach. Explain any three.

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- b) Discuss the different types of user friendly interface and the types of user who typically use each.

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- c) When is the concept of a weak entry used in Data Modelling? Define the terms identifying relationship type and partial key, with examples for each.

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Unit – II

- 3** a)

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c)

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d)

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OR

- 4** a)

BL:		CO:		PO:		PSO:	
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b)

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c)

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d)

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Unit – III

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b)

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c)

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d)

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OR

6 a)

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b)

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c)

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Unit – IV

7 a)

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b)

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c)

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d)

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OR

8 a)

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Unit – V

9 a)

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c)

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d)

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OR

10 a)

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b)

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c)

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d)

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Please Turn Over

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