

Roll No.....

Total No. of Questions : 05

Total No. of Printed Pages : 02

Code No. : B-290(A)

Annual Examination - 2017

B.Sc.-III

COMPUTER SCIENCE

Paper- II

COMPUTER SOFTWARE

Max.Marks : 50

Min.Marks : 17

Time : 3 Hrs.

Note : Attempt any two parts from each unit. All questions carry equal marks.

Unit-I

- Q-1.(a) What is database? Explain DBMS architecture.
(b) Explain weak and strong entity set with example.
(c) Write short notes on :
(i) DBA (ii) Transaction Management

Unit-II

- Q-2.(a) Explain any three operations of Relational Algebra.
(b) What is functional dependency, describe its types with example.
(c) What is normalization? Describe BCNF normal form.

P.T.O.

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Unit-III

- Q-3.(a) Write any two commands of DDL, DML & DCL .
(b) Explain set operations of SQL .
(c) Explain triggers on PL/SQL .

Unit-IV

- Q-4.(a) Explain event driven programming by giving examples of some events.
(b) Describe conditional statement used in Visual Basic.
(c) Write short notes on following :
(i) MDI form
(ii) Error handling

Unit-V

- Q-5.(a) What is ADO data control? Explain their properties.
(b) Write short notes on following :
(i) Grid Control
(ii) Regress method
(c) How can we create data Environment Report?

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