

[2]

**UNIT-III**

- Q. 3.** (a) Explain alter command and update command with example.  
(b) Explain Group By and Order By with example.  
(c) Discuss grant and revoke statement for security.

**UNIT-IV**

- Q. 4.** (a) What is error? Explain error handling in brief.  
(b) Explain SDI and MDI form.  
(c) Explain comparison and logical operator of V.B.

**UNIT-V**

- Q. 5.** (a) What is data environment? Explain its option and operation.  
(b) Write step to access data using ADO data control.  
(c) Write short note on-  
(i) Data Report  
(ii) Flex grid central

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ROLL NO.....

**BS3CS02/21**

**ANNUAL EXAMINATION, 2021**

**B.Sc.-III**

**COMPUTER SCIENCE**

**PAPER-II**

**COMPUTER SOFTWARE**

**TIME: 3 HOURS**

**Maximum: 50**

**Minimum: 17**

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

**UNIT-I**

- Q. 1.** (a) What is E-R model? Write the different operations notations used in E-R model.  
(b) Explain different kinds of DBMS user in brief.  
(c) Draw the E-R diagram for online book shop.

**UNIT-II**

- Q. 2.** (a) What is relational algebra? Write the different operations in relational algebra.  
(b) How can we obtain Bouce Code normal Form? Compare BCNE and 3NF  
(c) Explain 4<sup>th</sup> normal form with example.