

OSHWAL EDUCATION TRUST MANAGED  
**SMT. C. Z. M. GOSRANI BCA COLLEGE - JAMNAGAR**  
BCA SEM - 4 - PRELIM EXAM – APRIL 2022

**SUBJECT:** CS - 20: Programming With C#

**MARKS:** 70

- Q. 1 A Attempt the following** **4 Marks**
- 1) Full Form of CLR.
  - 2) Full Form of CLS.
  - 3) Full Form of CTS.
  - 4) Full Form of FCL.
- Q. 1 B Answer in brief (Any 1 out of 2)** **2 Marks**
- 1) List types of project in IDE.
  - 2) What is Managed Code?
- Q. 1 C Answer in detail (Any 1 out of 2)** **3 Marks**
- 1) What are Boxing and Unboxing?
  - 2) Explain component of IDE.
- Q. 1 D Write a note on (Any 1 out of 2)** **5 Marks**
- 1) Explain for and while loop with syntax and example
  - 2) Explain data types in detail.
- Q. 2 A Attempt the following** **4 Marks**
- 1) \_\_\_\_\_ is known as smart field.
  - 2) \_\_\_\_\_ Class prevents inheritance.
  - 3) \_\_\_\_\_ is used for emulating multiple inheritance.
  - 4) \_\_\_\_\_ Keyword is used for enforcing the inheritance.
- Q. 2 B Answer in brief (Any 1 out of 2)** **2 Marks**
- 1) Give the syntax for to define sealed class.
  - 2) Explain Get and Set Accessor properties?
- Q. 2 C Answer in detail (Any 1 out of 2)** **3 Marks**
- 1) What IS Sealed Class? Give Example.
  - 2) Explain "ref" and "out" parameters for methods
- Q. 2 D Write a note on (Any 1 out of 2)** **5 Marks**
- 1) Explain pointer with example.
  - 2) What is Event? Explain with Example.
- Q. 3 A Attempt the following** **4 Marks**
- 1) MDI stands for \_\_\_\_\_
  - 2) Form is type of \_\_\_\_\_ control.
  - 3) \_\_\_\_\_ Key from the keyboard is used to run-window application.
  - 4) \_\_\_\_\_ Property is used to display image on the Button.
- Q. 3 B Answer in brief (Any 1 out of 2)** **2 Marks**
- 1) List out events of form
  - 2) List out property of button.
- Q. 3 C Answer in detail (Any 1 out of 2)** **3 Marks**
- 1) Difference Between Menu.Strip and Context MenuStrip.
  - 2) Explain OpenFileDialog with example.
- Q. 3 D Write a note on (Any 1 out of 2)** **5 Marks**
- 1) Explain MessageBox Class with all types of Show() Method.
  - 2) What is DialogBox? Explain SaveFileDialog and OpenFileDialog.
- Q. 4 A Attempt the following** **4 Marks**
- 1) ADO stands for \_\_\_\_\_
  - 2) SDI stands for \_\_\_\_\_
  - 3) \_\_\_\_\_ is default event of button.
  - 4) \_\_\_\_\_ is default property of textbox.

- Q. 4 B Answer in brief (Any 1 out of 2) 2 Marks**
- 1) Explain Command Object.
  - 2) Draw the figure of Architecture of ADO.NET.
- Q. 4 C Answer in detail (Any 1 out of 2) 3 Marks**
- 1) Explain DataTable class with example.
  - 2) Explain Data Providers in ADO.NET
- Q. 4 D Write a note on (Any 1 out of 2) 5 Marks**
- 1) Explain DataGridView control with its properties and events.
  - 2) Give difference between connected and disconnected architecture
- Q. 5 A Attempt the following 4 Marks**
- 1) Default value of interval property of timer is \_\_\_\_\_.
  - 2) \_\_\_\_\_ Method is used to close the connection.
  - 3) Section 1 for crystal report includes \_\_\_\_\_
  - 4) Section 3 for crystal report includes \_\_\_\_\_
- Q. 5 B Answer in brief (Any 1 out of 2) 2 Marks**
- 1) List out types of reports.
  - 2) What is user Control? Write steps to Create User Control.
- Q. 5 C Answer in detail (Any 1 out of 2) 3 Marks**
- 1) Explain Types of Setup projects.
  - 2) Explain types of Crystal Reports.
- Q. 5 D Write a note on (Any 1 out of 2) 5 Marks**
- 1) Explain all sections of crystal report In detail
  - 2) Write a steps to Create Crystal Report.