

26 OCT 2020

Seat No

Sub Code. 20991

: નોંધ : B.SC (I.T.) Sem. 4

VB.NET

૧. દરેક પ્રશ્નનો [a] અથવા [a(i)] અને [a(ii)] ન લખવાના રહેશે.

૨. પ્રશ્ન : ૧[a] અથવા ૧[a(i)] અને ૧[a(ii)] તથા ૨[a] અથવા ૨[a(i)] અને ૨[a(ii)] ના 14 માર્ક્સ ના બદલે ૧૮ માર્ક્સ રહેશે.

૩. પ્રશ્ન : ૩[a] અથવા ૩[a(i)] અને ૩[a(ii)] તથા ૪[a] અથવા ૪[a(i)] અને ૪[a(ii)] ના 14 માર્ક્સ ના બદલે ૧૭ માર્ક્સ રહેશે.

૪. દરેક પ્રશ્નનો પ્રશ્ન નં ૧(b), પ્રશ્ન નં ૨(b), પ્રશ્ન નં ૩(b) તથા પ્રશ્ન નં ૪(b) (ટુંકા પ્રશ્નો) વિદ્યાર્થીએ લખવાના નથી.

Q - 1 (A) Write a short note on .NET Framework. [14]

OR

Q - 1 (A) I Explain types of JIT in detail. [07]

Q - 1 (A) II What is form in VB.NET? Explain different properties and events of form. [07]

Q - 1 (B) Answer the following questions. (Any Four) [04]

- _____ is used to display note on the form in VB.NET.
(A) Textbox Control (B) Button Control
(C) Label control (D) List Box Control
- Which bracket is used for declaring Array in VB.Net?
(A) () (B) []
(C) { } (D) All
- _____ keyword is used to define variable in Vb.NET.
(A) int (B) dim
(C) Static (D) declare
- What is Common Language Runtime?
- Gives the use of Textbox Control.
- Define : Event Handling

Q - 2 (A) Explain all Dialog control in detail. [14]

OR

Q - 2 (A) I Write detail note on Track bar and Picture box control. [07]

Q - 2 (A) II What is Rich Text Box Control? Explain its different properties and event in detail. [07]

Q - 2 (B) Answer the following questions. (Any Four) [04]

- _____ method used to load or import a text file or .rtf file into a Rich Text box control.
(A) Import (B) Load
(C) Open (D) Load file
- To insert a picture into picturebox control _____ property is used.
(A) LoadImage (B) ImageUrl
(C) ImageLocation (D) Location
- Which method is used to activate the any dialog box in VB.NET?
(A) ActivateDialog (B) DisplayDialog
(C) ExhibitDialog (D) ShowDialog
- What is use of Notify Icon Control?
- Which control is used to input date?
- Gives full form of MDI.

Q - 3 (A) What is ADO.NET? Describe ADO.NET architecture in detail. [14]

OR

Q - 3 (A) I What is Crystal Report? Explain different sections of Crystal Report. [07]

Q - 3 (A) II Write down VB.NET code for insert, update and delete record in database table. [07]

- Q – 3 (B) **Answer the following questions. (Any Three)** [03]
1. What is dataset?
 2. Which component will you use to connect crystal report to databases?
(A) Crystal Report query (B) Crystal SQL Designer
(C) Both A and B (D) None
 3. Define: Data Adepter.
 4. List features of ADO.NET over ADO.
 5. By using _____ we can performed navigation operations in VB.NET
(A) Cursor (B) Record Pointer
(C) Binding Context (D) Pointer

Q – 4 (A) Explain inheritance and polymorphism with suitable example. [14]

OR

Q – 4 (A) I Describe read only property and write only property with an example. [07]

Q – 4 (A) II Write a short note on constructor and destructor. [07]

Q – 4 (B) **Answer the following questions. (Any Three)** [03]

1. _____ is collection of similar type of object.
(A) Object (B) Record
(C) Class (D) Module
2. _____ modifier is used in class to restricted within block or function.
(A) Friend (B) Protected
(C) Public (D) Private
3. What is Function overloading?
4. Define: Object.
5. What is derived class?