



Sample Paper

Course : CSD(.Net) Version-II

Duration : 03:00 Hours

Maximum Marks : 180

Note:

- Attempt all questions in Section A- (2 marks each)
- All questions are compulsory in Section B – (5 marks each). However, out of 12 questions 6 questions will have additional questions as internal choices.
- All questions are compulsory in Section C-(15 marks each). However, out of 4 questions 2 questions will have additional questions as internal choices.

Section A

Q1. The Range Validator control can validate which types of data?

- a) Data, Integer and String
- b) Data
- c) All of the options
- d) Integer

Q2. identify the places where cloud data is maintained and managed?

- a) Internet
- b) USB
- c) CD
- d) Local Drive

Q3. Which of the following commands is not classified as a DDL command in SQL?

- a) Create
- b) Update
- c) Alter
- d) Truncate

Q4. Which HTML/XHTML attribute is used to assign elements to a specific group?

- a) Id
- b) Div
- c) Class
- d) Span

Q5. NeGP refers to which of the following

- a) E-governance
- b) Nation E-governance
- c) None of the options
- d) National E-governance Project

Q6. The DataAdapter class is used to synchronize data between a DataSet and a database.

- a) False
- b) True

Q7. Which of the following methods is used to fill a DataSet with data through a DataAdapter?

- a) DataBind
- b) Load ()
- c) Fill()
- d) DataList

Q8. In ASP.NET application DLL files are stored in App_Code folder

- a) True
- b) False

Q9. Identify the Command object method that executes a SQL statement and provides the count of affected rows.

- a) ExecuteScalar()
- b) ExecuteNonQuery()
- c) ExecuteReader()
- d) ExecuteCommand()

Q10. Which of the following features is not available in MS PowerPoint?

- a) Scan a virus
- b) Slide show
- c) Background color
- d) Zoom

Q11. An array whose size can be altered while the program is running is called

a _____ array.

- a) Dynamic
- b) Multidimensional
- c) Preserve
- d) Fixed

Q12. Select the option that represents an incorrect interview practice?

- a) Ask relevant questions
- b) Listen actively
- c) Maintain good posture
- d) Interrupt the interviewer

Q13. Candidates who demonstrate enthusiasm for learning and readiness to face new challenges are highly valued by employers.

- a) False
- b) True

Q14. Which of the following is not used for email account authentication?

- a) None of the options
- b) Email
- c) Physical Address
- d) Password

Q15. Which web server control is used to retrieve data from a relational database?

- a) ObjectDataSource
- b) SqlDataSource
- c) XmlDataSource
- d) AccessDataSource

Q16. Which of the following functions in MS Excel is used to calculate the largest number in a range?

- a) Count()
- b) Max()
- c) Min()
- d) Big()

Q17. Choose the correct option: “NO_DATA_FOUND” and “TOO_MANY_ROWS” are two frequently occurring errors in SELECT statement execution.

- a) False
- b) True

Q18. Files can never be permanently removed from a computer system?

- a) False
- b) True

Q19. Which of the following features are required for a programming language to be considered a pure object-oriented programming language?

- a) Encapsulation
- b) Inheritance
- c) Polymorphism
- d) All of the options

Q20. Which is the default scripting language used in ASP?

- a) VBScript
- b) EcmaScript
- c) PERL
- d) JavaScript

Q21. DOM stands for which of the following terms?

- a) Developed Object Model
- b) Document Oriented Model
- c) Document Object Model
- d) Developed Oriented Model

Q22. Which .NET Framework class represents the UInt data type

- a) System.UInt 32
- b) System.UInt 64
- c) System.UInt16
- d) System.Int16

Q23. Effective time management and organizational abilities help in completing tasks on time and handling multiple responsibilities efficiently.

- a) True
- b) False

Q24. Which HTML tag is used to display text as superscript?

- a) sub
- b) subscript
- c) sup
- d) superscript

Q25. Which browser introduced support for JavaScript for the first time?

- a) IE
- b) Netscape
- c) Mozilla Firefox
- d) Google Chrome

Q26. An object of an abstract class can be created?

- a) True
- b) False

Q27. The purpose of the <tr> element in HTML is to represent a table row?

- a) True
- b) False

Q28. The data type returned by the IsPostBack property is Boolean?

- a) True
- b) False

Q29. The center alignment of text can be achieved using the shortcut key Ctrl + E?

- a) True
- b) False

Q30. ZIP and RAR utilities are used to permanently delete unwanted files.

- a) False
- b) True

Section B

Q1. Explain the use of Interfaces in VB.NET to implement a standard set of methods and properties?

OR

Explain the main features of Visual Studio that support application development?

Q2. Explain the characteristics of Hierarchical and Hybrid Inheritance and highlight their differences?

Q3. Write a brief explanation of formulas and functions available in Excel?

OR

Write the steps for the following : (i) Creating a slide (ii) Master slide (iii) Saving a slide (iv) Slide Transition (v) Moving a slide

Q4. Describe all DDL commands in SQL Server along with example?

Q5. What are any three important employability skills?

Q6. What are Generics, and how do they make programs more reusable and efficient?

OR

How can caching mechanisms help enhance the efficiency of REST API operations?

Q7. How does a constant differ from a variable in VB.NET programming? Explain.

OR

Describe the process of tracking application start and end events through Global.asax?

Q8. Define utility features in Windows and describe any two utility tools?

Q9. Explain the following tags in HTML: a) <p> b) <div> c) <tr> d)
 e)

Q10. Describe the VB.NET programming environment and the process of creating a new project?

OR

How do you send and retrieve data between Web Forms using Query Strings?

Q11. (a) Explain the concept of Hyperlink? (b) What do you understand by text alignment? Explain various text alignment features in MS Word?

OR

Explain the concept of an online survey and discuss how it is used in daily life?

Q12. What is a Projector? Explain its features and uses?

Section C

Q1.

	A	B	C	D	E	F
1	SUBJECT	Marks 1	Marks2	Marks 3	TOTAL	AVERAGE
2	Hindi	20	15	20		
3	English	30	12	15		
4	Math	15	14	14		
5	Physics	12	17	17		
6	Chemistry	14	18	18		

Calculate the following using cell reference

- Find the total marks in all subjects.
- Find the average marks of each subject.
- Find the subject having highest marks in Marks1

Q2.

Write a Program in VB.Net to accept a number in a textboxes and show its square and cube in separate textboxes on a click of a button.

Enter a Number	
Square of a Number	
Cube of a Number	
CALCULATE	



Q3. Write a program in JavaScript to count the number of vowels in a string.

OR

Write a query to create a table named Student with the following attributes: Student_ID, Student_Name, Course, Marks. Ensure that the Student_ID column is set as the Primary Key.

(b) Insert at least three records into the Student table.

(c) Write an SQL query to delete any one record from the Student table.

(d) Write a query to select all records from the Student table who have scored more than 80 marks.

Q4. Develop an ASP.NET C# application to create an Employee Management Form with fields (Employee_ID, Employee_Name, Department, Contact_No). Write code to add and remove employee records.

OR

Create a C# program to check whether a given number is prime or not entered by user.

