

(6 pages)

Reg. No. : _____

Code No. : 8062

Sub. Code : ZCAM 23

M.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2023.

Second Semester

Computer Application — Core

ADVANCED WEB TECHNOLOGY

(For those who joined in July 2021–2022 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

- Which one of the following is not case sensitive language? _____
(a) C# (b) VB.Net
(c) Both (a) and (b) (d) None
- Math.Abs(-10) = _____
(a) 100 (b) -10
(c) 10 (d) None

- The web service standard _____ protocol, over which communication takes place.
(a) HTTP (b) WSDL
(c) UDDI (d) DISCO
- WSDL.exe command line parameter _____ specifies the location of the WSDL file for the web service.
(a) Namespace (b) URL
(c) Both (a) and (b) (d) None
- _____ allow to build a new control by inheriting from an ASP.NET control class.
(a) Derived Controls
(b) User Controls
(c) Both (a) and (b)
(d) None
- _____ stores a copy of the final rendered HTML page that is sent to the client.
(a) Data Caching
(b) Output Caching
(c) Fragment Caching
(d) None

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- The HTML tag represented for the class name HtmlImage is _____
(a) <image> (b) <fig?>
(c) <a> (d)
- The type and value are _____ properties.
(a) Html Container Control
(b) Base Page
(c) Http Request
(d) Html Input Control
- The _____ object provides a window into a Data Table.
(a) Data Row
(b) Data Table
(c) Data Column
(d) Data View
- _____ executes the select command and places the results into the data set.
(a) Update (b) Fill schema
(c) Fill (d) None

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PART B — (5 × 5 = 25 marks)

Answer ALL the questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

- (a) What do you mean by constructor?
Or
(b) Write down any five data types used in .Net.
- (a) What is the need for web.config file?
Or
(b) What is page life cycle?
- (a) Write down the syntax for select, update, insert and delete commands.
Or
(b) What is Data Binding?
- (a) Expand and give a brief note on UDDI.
Or
(b) How to configure web service client in Visual Studio.Net?
- (a) Give a brief note on database components.
Or
(b) Differentiate : ASP versus ASP.NET.

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PART C — (5 × 8 = 40 marks)

Answer ALL the questions choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) How to setup ASP.NET and ISS?

Or

(b) Write short note on conditional structures and loop structures.

17. (a) Write down the applications of ASP.NET.

Or

(b) How to use visual studio .NET?

18. (a) What are the characteristics of ADO.NET?
Give a brief note on ADO.NET object model.

Or

(b) Compare the template controls : Data List, Data Grid and Repeater.

19. (a) How to create your Web Services? Explain.

Or

(b) How to use the proxy class in Web Services?

20. (a) What is Caching? Give a brief note on output caching and data caching.

Or

(b) How to implement security? Explain.