

Roll No. _____

Code No. PCS-101

SIXTH SEMESTER EXAMINATION 2021-22

Class - B.C.A.

Subject - Net Technology

Time : 2.30 Hrs.

Max. Marks : 80

Total No. of Printed Page : 06

Mini. Marks : 28

Note: Question paper is divided into three sections. Attempt question of all three section as per direction. Distribution of Marks is given in each section.

SECTION - A

Attempt all Questions :

5x4=20

UNIT - 1

1. Write a brief note on DOT Net framework ?

Or

Explain boxing and un-boxing with suitable example ?

UNIT - 2

2. Explain Data types in V.B. NET ?

Or

(2)

Explain any two form controls ?

UNIT - 3

3. What is master page ? How it is created in ASP.NET ?

Or

Explain any two HTML controls used for website design ?

UNIT - 4

4. Explain site map pain control ?

Or

What is the use of web. config file ?

UNIT - 5

5. What is web service ?

Or

Write short notes on ETP management ?

(3)

SECTION - B

Attempt all Questions :

5x6=30

Short answer questions (word limit 60 words)

UNIT - 1

1. What is on Array ? Write a C++ program to create jagged Array ?

Or

What is properties ? How it is created in C++ . Explain with example ?

UNIT - 2

2. What is looping ? Explain various types of loops available in VB.NET ?

Or

What is function ? How it is defined in VB.NET ? Explain with example ?

UNIT - 3

3. Explain any two methods used for navigation is ASP.NET ?

Or

(4)

What is use of crystal report ? How it is integrated in web form ?

UNIT - 4

4. What is data binding ? Write a program to bind database using to sql ?

Or

Write short notes on ASP.NET configuration ?

UNIT - 5

5. Write a program to send mail from web forms ?

Or

Write short notes on AJAX ?

SECTION - C

Long answer questions (word limit 120 words)

3x10=30

Attempt any three questions :

(5)

UNIT - 1

1. What is inheritance ? Explain its types by writing suitable code.

Or

Write short notes on -

- i) indexes
- ii) Delegates

UNIT - 2

2. What is Generics ? What are its advantages. Write a program in VB.NET to explain the concept ?

Or

What is window form ? Explain various properties and events of form control ?

UNIT - 3

3. Explain various validation controls available in ASP.NET ?

Or

What is Grid view control ? Write a program to bind grid view using sql/Data source ?

UNIT - 4

4. What is authentication ? Briefly explain windows and form authentication ?

Or

Explain the following control -

(6)

- i) Menu Control
- ii) Login Control

UNIT - 5

5. Write a note on XML web service ?

Or

What is Sql server ? Write steps to create backup for any database. Explain restore process also ?

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