

(NO. OF PAGES: 2)

(FOR THE CANDIDATES ADMITTED

20UBC413

DURING THE ACADEMIC YEAR 2020-2023 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS): POLLACHI

END-OF-SEMESTER EXAMINATIONS: JULY 2022

BCA

MAXIMUM MARKS: 70

SEMESTER: IV

TIME: 3 HOURS

PART – III

WEB TECHNOLOGY

SECTION - A (10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

- Which of the following components of the .NET framework provide an extensible set of classes that can be used by any .NET compliant programming language?
  - .net class libraries
  - common language runtime
  - common language infrastructure
  - component object model
- In ASP.NET, application DLL files are stored in \_\_\_\_\_ folder
  - App\_data
  - App\_code
  - Bin
  - App\_local resources
- PHP variables are preceded by \_\_\_\_\_
  - \_
  - \$
  - @
  - &
- In a connection string \_\_\_\_\_ represents name of the database
  - Data Source
  - Initial Catalog
  - Catalog Initial
  - Database
- Which of the following is the use of strlen() function in PHP?
  - The strlen() function returns the type of string
  - The strlen() function returns the length of string
  - The strlen() function returns the value of string
  - The strlen() function returns both value and type of string

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

- What is CLR?
- What is View State?
- What is the DataAdapter Object in ADO.NET?
- What is PEAR in PHP?
- What is the trim() function?

SECTION – B

(5 X 4 = 20 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

- a) What is meant by Managed and Unmanaged code?

(OR)

- b) What is an EXE and a DLL?

(CONTD...2)

12. a) What is the difference between Server.Transfer and Response.Redirect?  
(OR)  
b) List down the OleDb Data Adapter methods.
13. a) What are the data providers in ADO.NET framework?  
(OR)  
b) What is the difference between Datareader and Dataset?
14. a) Explain For Loop in PHP.  
(OR)  
b) How is it possible to cast types in PHP?
15. a) What are the advantages and disadvantages of Out-Proc (State Server) Session mode?  
(OR)  
b) How do you connect database in PHP?

**SECTION - C**

**(4 X 10 = 40 MARKS)**

**ANSWER ANY FOUR OUT OF SIX QUESTIONS. (K4 (Or) K5)  
(16<sup>th</sup> QUESTION IS COMPULSORY AND ANSWER ANY THREE  
QUESTIONS (FROM Qn. No: 17 to 21)**

16. Discuss and negotiate the case study on User authentication and Management techniques.
17. Explain AdRotator Control and Calendar Control in .NET.
18. Discuss the caching in ASP.NET.
19. Explicate the ways to build data table, data view, data set and data relations in ADO.NET.
20. Explain String Handling in PHP.
21. How do you manage state management in web applications? Explain.

\*\*\*\*\*