# PSG COLLEGE OF ARTS & SCIENCE
## (AUTONOMOUS)
## BSc DEGREE EXAMINATION MAY 2022
### (Fourth Semester)

### Branch – COMPUTER SCIENCE

### .NET FRAMEWORK

Time: Three Hours                                    Maximum: 75 Marks

### SECTION-A (10 Marks)
Answer **ALL** questions
**ALL** questions carry **EQUAL** marks          (10 x 1 = 10)

1    The file extension an ASP.NET web form is _____
     (i) .docx          (ii) .aspx          (iii) .jpeg          (iv) .html

2    ASP.NET was first released in _____
     (i) January 2003     (ii) January 2002     (iii) Feb 2002     (iv) January 2001

3    Which of the following is the first event of the ASP.NET page, when the user requests a web page?
     (i) Init              (ii) Load          (iii) PreInit          (iv) PreLoad

4    To create your application on a remote server which option you will choose in ASP.NET?
     (i) FTP                                  (ii) HTTPS
     (iii) File System                        (iv) None of the above

5    Which of the followings are the different stages of an ASP.NET page?
     (i) Page request                         (ii) Page load & initialization
     (iii) Postback event handling            (iv) All of the above

6    How do you manage states in ASP.NET application?
     (i) Application Objects                   (ii) Viewstate
     (iii) Session Objects                     (iv) All of the above

7    C# was developed by _____
     (i) Bjarne Stroustrup                     (ii) Anders Hejlsberg
     (iii) Dennis M. Ritchie                   (iv) Rasmus Lerdorf

8    Which of the following is the valid size of float data type in C#?
     (i) 4 Bytes          (ii) 6 Bytes          (iii) 8 Bytes          (iv) 10 Bytes

9    _____ converts a type to a signed byte type in C#.
     (i) ToSingle          (ii) ToInt64          (iii) ToSbyte          (iv) ToInt32

10   C# class is inherit the multiple _____
     (i) Static classes     (ii) Interfaces     (iii) Classes     (iv) Abstract classes

## SECTION - B (25 Marks)
### Answer ALL questions
### ALL questions carry EQUAL Marks  (5 x 5 = 25)

11  a  Bring out the first look at ASP.NET markup.
   **(OR)**
   b  Summarize the main development area of IDE.

12  a  How will you choosing the right website template? Explain.
   **(OR)**
   b  Narrate the using format and table menus in HTML.

13  a  Outline the validating user input in web forms.
   **(OR)**
   b  Describe the sending e-mail from your website.

14  a  Show the nesting try blocks in C# with example.
   **(OR)**
   b  Explain the consequences of an uncaught exception in C#.

15  a  Compare the byte streams and character streams in C#.
   **(OR)**
   b  Analysis the pass arguments to an anonymous method in C#.

## SECTION -C (40 Marks)
### Answer ALL questions
### ALL questions carry EQUAL Marks  (5 x 8 = 40)

16  a  How will you customizing the document window in IDE? Explain.
   **(OR)**
   b  Discuss the various types of HTML elements and tags.

17  a  Outline the different project types In Visual Studio 2013.
   **(OR)**
   b  Enumerate the choosing between code behind and pages with inline code.

18  a  Compare the custom validator and validation summary controls
   **(OR)**
   b  Illustrate the various types of data-bound controls.

19  a  Elucidate the creation of a jagged two-dimensional array in C#
   **(OR)**
   b  Examine the catching derived class exceptions in C#.

20  a  Point out the file stream and byte-oriented file I/O in C#
   **(OR)**
   b  Analysis the priority settings of thread priorities in C#.

Z-Z-Z                    END