Seat No: Enrollment No:

### PARUL UNIVERSITY

# FACULTY OF ENGINEERING & TECHNOLOGY

#### B.Tech. Summer 2018 - 19 Examination

Semester: 6 Date: 09/05/2019

Subject Code: 03105381 Time: 10:30am To 01:00pm

Subject Name: .Net Technology Total Marks: 60

#### **Instructions:**

- 1. All questions are compulsory.
- 2. Figures to the right indicate full marks.
- 3. Make suitable assumptions wherever necessary.
- 4. Start new question on new page.

Q.1	Objective Type Questions (Each of one mark)	(15)
	1. The .net framework provides multiple language support using the feature known as	
	2is the starting point for execution of program.	
	3is a process of converting the object type back to value type.	
	4. MSIL stands for	
	5 control is used to validate that two fields are equal?	
	6. GAC stands for	
	7. Way of displaying message/values on web page using	
	8. Web Form is processed on the by adding "runat=server" tag.	
	9is a base class of DataReader.	
	10. Predict the output of the following code segment?	
	public class EnumTest	
	{ enum Day { Sun, Mon, Tue, Wed, Thu, Fri, Sat };	

```
{
  int x = (int)Day.Sun;
  int y = (int)Day.Fri;
  Console.WriteLine("Sun = {0}", x);
  Console.WriteLine("Fri = {0}", y);
  }
}
A) Output:Sun = 0 B) Output:Sun = 1
```

- Fri = 5 Fri = 5 Fri = 5
- 11. Attribute must be set on a validator control for the validation to work.A) ControlToValidate B) ControlToBind C) ValidateControl D) Validate
- 12. The .NET framework provides memory management as garbage collector for \_\_\_\_\_\_\_\_
  - A) managed data B)unmanaged data C) none
- D) Both B & C

Fri = 6

- 13. When an .aspx page is requested from the web server, the output will be rendered to browser in following format.
  - A) HTML
- B) XML
- C) JSP
- D)C#

D) Output: Sun = 0

- 14. ..... property is used to set or get the title of the open file dialog.
- A) TITLE
- B) NAME
- C) HEADING

C) Output:Sun = -1

D) TXT

15. CLS is a subset of CTS (T/F)

## Q.2 Answer the following questions. (Attempt any three)

(15)

- a) Differentiate indexer and property.
- b) Explain .Net Framework in detail.
- c) Explain Delegate with example in C#.
- d) Write a short note on bootstrap framework.

Q.3	A) What is Dialog? Explain following Dialogs with its usage. 1) FontDialog 2) OpenFileDialog 3) ColorDialog 4)SaveDialog						
	B) Write a ADO.NET program in code behind language C# which shows records from student_details(S_No,S_Name,S_Address) on console application.						
	S_No	S_Name	S_Address				
	1	Patel	Vadodara				
	2	Shah	Mumbai				
	OR						
	B) Draw and explain ADO.NET architecture.						
Q.4	(a) A) Enlist Validation controls and explain how to use these controls with proper example.  OR						
	A) Write ASP .NET program in code behind language C# to illustrate the concept of Application						
	level state management.						
	B) Explain Page Life Cycle of ASP.NET						