

204

Register No.:

April 2024

Time – Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (a) or (b) in Part-B. Each question carries 14 marks.]

PART – A

1. What is the use of .NET framework?
2. Define constant.
3. What is the use of tool box in visual studio?
4. When does deactivate event occur?
5. Define dataset.
6. What is the use of data relation collection?
7. What is web API?
8. Why do we need Restful services?
9. What are the types of entity?
10. How do you define attributes in DTD?

[Turn over.....

PART – B

11. (a) Draw and explain the architecture of .NET framework.
(Or)
- (b) (i) Write a C# program to search a particular element in a single dimensional array. (7)
(ii) Explain structures in C#.NET with an example. (7)
12. (a) (i) Explain the steps to create a context menu with an example. (7)
(ii) Write short notes on progress bar and month calendar. (7)
(Or)
- (b) What is an event? Explain any three events with suitable event procedure.
13. (a) Explain connections and command object with example programs.
(Or)
- (b) Create your own stored procedure with three parameters to insert a record in a table.
14. (a) Explain about validation server control in ASP.NET
(Or)
- (b) How will you change home directory and add a Virtual directory in IIS? Explain.
15. (a) Explain about how you will use SOAP with .NET framework.
(Or)
- (b) Explain about DTD for construction of an XML document. List out its advantages.
