

PART C (5 x 14 = 70 Marks)

21. a) (i) Draw flowchart for CLR activities for executing a C# program. (7)
(ii) Explain in detail about scope of variables with an example program. (5)
(OR)
- b) (i) List out the various value and reference types supported in C#. (8)
(ii) Write a program using *for* that accepts five values in US dollars, one at a time, and converts each value entered to its Indian rupees equivalent before the next value is requested. (6)
22. a) i) Discuss how to create an object to the C# class. (2)
ii) Write a program how events can be declared and can be used to send a notification to other objects. (12)
(OR)
- b) (i) How C# provides an alternate approach to support the concept of multiple inheritance. Use a banking system as a programming example. (7)
(ii) Consider a class distance which stores a distance value using kilometer and meter. Overload the +operator to add two distance objects. (7)
23. a) (i) Discuss RichTextBox Properties and its events. (7)
(ii) Explain the process of creating a window based calculator with your own UI. (7)
(OR)
- b) Write a program to develop a notepad by adding menus , submenus and toolbar and status bar
24. a) Discuss accessing Multiple Tables in a Dataset with an example program.
(OR)
- b) (i) Write a program to search for a particular record in the database with the help of Dataset. (10)
(ii) Describe about Server Controls ASP.NET (4)
25. a) (i) Write a web based application to implement a ticket status checking system. (10)
(ii) Brief about RMI and SOAP. (4)
(OR)
- b) (i) Explain about Web service architecture with neat diagram. (10)
(ii) Write a note on File and Directory classes (4)
