

M.C.A. Second Semester (First Year) (CGS)
15511 : Object Oriented Programming : 2 MCA 2 / 2 CS 2

P. Pages : 2

Time :



AV - 3269

Max. Marks :

- Notes :
1. Due credit will be given to neatness and adequate dimensions.
 2. Assume suitable data wherever necessary.
 3. Diagrams and chemical equations should be given wherever necessary.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) Explain Life Cycle approach of VB.Net in detail. 7
- b) How to design objects? Also explain object relationship. 7

OR

2. a) Explain Software requirement specification in detail. 7
- b) How to write class code in VB.Net? Explain with example. 7
3. a) What is CLR? What are the components of it? Explain. 7
- b) Explain with example subs and repetitions. 6

OR

4. a) Write a program for calculating the sum of any five digit number and print it. 7
- b) How to handle errors in VB.Net? Also explain scope in VB.Net. 6
5. a) How to organize the data in VB.Net? So that one can access the data in efficient manner. 7
- b) Write a program in VB.Net that illustrate the use of inheriting the data structures. 6

OR

6. a) Explain the concept of collection of objects with example. 7
- b) Write a program that demonstrates the use visual inheritance. 6
7. a) Explain the following terms with example- 6
 - i) User interface code
 - ii) User interface options
- b) Explain with example that how to handle events in winform application. 7

OR

8. a) What is form designer? What are the various tools used for creating the user interface? 6

- b) Explain delegates with suitable example. Also explain dialog boxes. 7
- 9. a) What are the various list controls? How to manipulate these controls at runtime? 7
- b) Explain software patterns in detail. 6

OR

- 10. a) Explain: 6
 - i) Accessing Controls
 - ii) Command Controls
- b) Explain in detail real world object modeling with object relationship. 7
- 11. a) How to access files? What are the different way to access the files? 7
- b) Explain how Net supports to relational database system. 7

OR

- 12. a) Create a VB form for user authentication and show it. 7
- b) How to read and write data in Relational database system? Explain. 7
