

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2022-23 ONLY)

SUBJECT CODE **22 UCT 619**

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY – 2025

B.Sc. – COMPUTER TECHNOLOGY

MAXIMUM MARKS: 50

VI SEMESTER

TIME : 3 HOURS

PART – III

FRAMEWORK TECHNOLOGY

SECTION – A (10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS. (K1)

1. Which of the following extension is used to represent the project file in Visual Basic?
a) .vbp b) .vb c) .cls d) .vvb
2. The function procedures are _____ by default.
a) protected b) private c) public d) None of these
3. The long form of MDI is _____
a) Multiple Development Interface b) Multiple Document Interface
c) Multimedia Document Interface d) Multimedia Development Interface
4. _____ is the data access and manipulation protocol used by VB.Net.
a) ASP.Net b) C#.Net c) VB.Net d) ADO.Net
5. ASP.Net is a _____
a) Client side technology b) Server side technology
c) Both d) None of these

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES. (K2)

6. How will you display a message in VB?
7. What is pass by value?
8. Define an array.
9. What is a database?
10. Expand HTTP.

SECTION – B (5 x 3 = 15 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.

11. a) Write a Visual Basic program for arithmetic operation.
(OR)
b) Write a Visual Basic program for calculating simple interest.

(CONTD 2)

12. a) What does the select case statement do in VB ?

(OR)

b) Define the concept of pass by reference in VB..

13. a) Write short notes check box and radio button.

(OR)

b) How will you declare and allocate arrays? Provide examples.

14. a) What is a relational model? Provide brief explanation.

(OR)

b) Explain the key concepts of ADO.Net object model.

15. a) Describe the steps involved in HTTP transaction.

(OR)

b) Write short notes on session tracking.

SECTION - C

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.

16. a) Discuss the Importance of Tool bar in VB in detail.

(OR)

b) Explain the usages of menu bar in VB.

17. a) Explain the structure of IF...THEN and IF...THEN...ELSE in VB.

(OR)

b) Elucidate the FOR loop and WHILE loop in VB.

18. a) Discuss the features of Combo box and List Box in detail.

(OR)

b) Discuss the Tree views and picture box in detail.

19. a) Explain the steps involved in data extraction from a database.

(OR)

b) Outline the methods for modifying a database.

20. a) Explain ASP.Net system architecture in detail.

(OR)

b) Discuss the concept and functionality of web control.