

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI**END-OF-SEMESTER EXAMINATIONS : MONTH AND YEAR****B.Sc. – COMPUTER TECHNOLOGY****MAXIMUM MARKS: 70****VI SEMESTER****TIME : 3 HOURS****PART – III
FRAMEWORK TECHNOLOGY****SECTION - A (10 X 1 = 10 MARKS)****ANSWER THE FOLLOWING QUESTIONS.****MULTIPLE CHOICE QUESTIONS.****(K1)**

1. VB .NET applications interact via internet using _____ protocol
 - a) TCP /IP
 - b) UDP
 - c) SOAP
 - d) HTTP
2. A _____ does not terminate a program's execution but causes the program to produce incorrect results
 - a) Non-fatal logic error
 - b) Fatal logic error
 - c) Syntax error
 - d) Debugging error
3. The keyword 'Nothing' denotes _____
 - a) 0
 - b) NULL
 - c) Empty Reference
 - d) {}
4. The clause which is used to order the results of a query _____
 - a) Order by
 - b) Order
 - c) ASC
 - d) DESC
5. Business logic is in the _____ tier
 - a) Top
 - b) Middle
 - c) Bottom
 - d) Client

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

6. Express the syntax to display the square root of 5 in dialog box.
7. Write the Message Box Icon constant for the icon containing exclamation mark.
8. Show the purpose of the main menu event 'Right to Left'
9. Write the purpose of INNER JOIN in SQL.
10. Describe the use of GET method in HTTP.

SECTION – B**(5 X 4 = 20 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE****FOLLOWING QUESTIONS.****(K3)**

11. a) Write the steps to create and run the console application in VB .NET IDE.

(OR)

- b) List the rules of operator precedence

(CONTD 2)

12. a) Write a VB .NET program to find the Grade of a student with remarks Pass / Fail.
(OR)
b) Calculate the compound interest using For / Next structure.

13. a) Write a VB .NET procedure to perform linear search.
(OR)
b) Give a short notes on menus.

14. a) Illustrate the SQL statement UPDATE.
(OR)
b) Explain WHERE clause in the selection criteria in SQL with ADO .NET

15. a) Write the steps to create the ASP . NET application.
(OR)
b) List the HTTP Cookie properties .

SECTION - C

(4 X 10 = 40 MARKS)

ANSWER ANY FOUR OUT OF SIX QUESTIONS

(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS

(K4 (Or) K5)

16. a) Distinguish pass by value and pass by reference in VB .NET (5)
b) Write short notes on scope rules. (5)

17. Write a VB. NET program to perform comparisons with equality and relational operators on two numbers

18. Illustrate sub procedures with example.

19. Explain how to create event handling model.

20. Illustrate how to extract information from a DBMS with ADO. NET.

21. Demonstrate the text and graphics control in ASP.
