

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2021-22 ONLY)

SUBJECT CODE **21 UCT 517**

REG.NO.

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

END-OF-SEMESTER EXAMINATIONS : NOVEMBER – 2023

B.Sc. – COMPUTER TECHNOLOGY

MAXIMUM MARKS: 70

V SEMESTER

TIME : 3 HOURS

PART – III

OPEN SOURCE TECHNOLOGIES

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K1)

1. _____ is an open source software.
a) Java b) PHP c) VB.NET d) MYSQL
2. _____ statement lets you create multiple chains together.
a) if b) if...else c) if-else if-else d) All of the mentioned
3. _____ is reusable code segments that are created by the programmer to perform specific tasks.
a) User defined function b) Recursion
c) Class d) Object
4. Every database is composed of one or more_____
a) Records b) Keys
c) Columns d) Tables
5. ____ represents an entity in the real world with its identity and behaviour.
a) A method b) An object c) A class d) An operator

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. How much do the components of a PHP development environment cost?
7. Write the syntax for if statement in PHP.
8. What is a class in PHP?
9. Define a primary key.
10. Write the syntax of open() Function in Python.

(CONTD 2)

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

11. a) How will you handle script errors?

(OR)

b) What are the features of PHP?

12. a) Write short notes on switch case statement in PHP.

(OR)

b) How will you store a data in an array?

13. a) How will you create and invoke functions in PHP?

(OR)

b) How will you create a class in PHP?

14. a) Write a short note on MySQL data types.

(OR)

b) How will you create a table and adding records?

15. a) Describe the data types in python.

(OR)

b) Write short notes on python functions.

SECTION – C**(4 X 10 = 40 MARKS)****ANSWER ANY FOUR OUT OF SIX QUESTIONS****(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS.)**

16. How will you manipulate variables with operators in PHP?

17. What are the PHP data types? Explain.

18. Discuss the looping statements in PHP.

19. Explain the working with files in PHP.

20. Explain adding or modifying data and handling errors in PHP.

21. Discuss the looping statements in python.