

**FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2020 ONLY**

20UCS5E3

REG.NO

**NGM COLLEGE (AUTONOMOUS) POLLACHI
END-OF-SEMESTER EXAMINATIONS: DECEMBER-2022**

B. Sc-Computer Science (SF)

MAXIMUM MARKS: 70

V SEMESTER

TIME: 3 HOURS

PART III

CLIENT SERVER TECHNOLOGY

SECTION – A (10 X1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS

MULTIPLE CHOICE QUESTIONS

(K1)

1. _____ is used for the execution of programs and the temporary storage of permanent data.
(a) D-RAM (b) RAM (c) S-RAM (d) ROM
2. The _____ is used to describe communication between running processes.
(a) Communication Processes (b) Interprocess Communication
(c) Intraprocess Communication (d) Normal Communication
3. Which of the following provides support for 100 Mbps over optical fiber, and offers improved fault tolerance by implementing logical dual counter rotated rings?
(a) NIC (b) Hubs (c) UTP (d) FDDI
4. _____ provide the capability to perform only presentation services at the workstation.
Processing.
(a) X-terminals (b) Pen
(c) Note-books (d) Unix Workstation
5. Which of the following is the powerful capabilities to cover the image of typed information on a form to text.
(a) ICR (b) Imaging (c) OCR (d) POS

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Define Client/Server Computing.
7. Mention any three roles of the server.
8. Expand and Define DDE.
9. Expand RAID
10. What is EDI?

(CONTD 2)

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

11. a) List and explain any five advantages of Client/Server Computing.
(OR)
b) What are the ways to reduce network traffic on client/server? Discuss
12. a) Discuss any five service request on client side.
(OR)
b) What is the Functionality of server? Describe.
13. a) What is OSI Layer? List and explain different types of Layers used in OSI model.
(OR)
b) Illustrate the components of TCP/IP with suitable diagram.
14. a) Write notes on development methodology of client/server system.
(OR)
b) Write short notes on (i) PC-Level Processing Unit (ii) CD-ROM
15. a) Write short notes on (i) Availability (ii) Software Distribution
(OR)
b) Discuss the challenges faced in transformational system.

SECTION – C (4 X 10 = 40 MARKS)**ANSWER ANY FOUR OUT OF SIX QUESTIONS****(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS
(FROM Qn. No : 17 to 21) (K4 (or) K5)**

16. List and explain different types of Server Platforms.
17. Explain the Technology Revolution of client / server computing.
18. Explain Server Side Network Operating system.
19. Illustrate different types of technologies used in Wide Area Network.
20. Elucidate System Development Environment.
21. Explain client/server computing Enabling Technologies.