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SIS - 069 B-17

B.Sc. Ist Semester Degree Examination

COMPUTER SCIENCE

(Introduction to Computer and 'C' Programming)

Paper : CS - 101

Time : 3 Hours

Maximum Marks : 80

SECTION - A

I. Answer the following questions.

(15×1=15)

1. What is control unit.
2. Expand EEPROM
3. Define bit.
4. Convert 58 (10) to binary number system.
5. What is assembly language?
6. What is system software?
7. Define interpreter.
8. Define digital computer.
9. What is Internet.
10. Define data types
11. Define operators
12. What are tokens in 'C' ?
13. What is array ?
14. Define string.
15. What is statement in C.

SECTION - B

II. Answer any five questions.

(5×5=25)

16. What is primary memory ? Explain RAM and ROM in detail.
17. Explain characteristics of C - Program.

18. Write a C program to find the factorial of a given number.
19. What are output devices ? Explain any two output devices.
20. Write an algorithm and draw a flow chart to find largest of two numbers.
21. Write the syntax of switch statement.
22. Write the difference between while and do while statement.

SECTION - C

III. Answer any **four** questions.

(10×4=40)

23. Draw a neat block diagram of computer and explain.
24. Briefly explain different types of computers.
25. Explain any four input devices in detail.
26. What is computer network ? Explain LAN, WAN, MAN.
27. What are logic gates? Explain various types of gates with it's truth table and logic symbols.
28. Write a C program for addition of two matrices

