

COURSE CODE - 1050106
UG DEGREE EXAMINATION – JAN 2009
BCA/B.SC (CS)

COMPUTER FUNDAMENTAL AND C PROGRAMMING

(For Candidate Admitted from Calendar 2007 Onwards)

Time: 3 Hours

Max.Marks:75

Section-A

Answer All the Questions:

15 X 1 = 15

1. Define Number systems
2. Define operating system.
3. Short note in Hardware.
4. What are the 2 types type conversions?
5. What are the types of data types?
6. Define Expressions.
7. What is Array?
8. Define string?
9. What is recursive functions?
10. Define pointers
11. Define strychnine
12. Define union
13. Define macros
14. List out the preprocessor directives.
15. What is function of get sc?

Section-B

Answer any Five Questions:

5 X 6 = 30

16. a. Explain about secondary storage devices.

(Or)

- b. Briefly discuss about operating system.

17. a. Write the structure of a C program. Explain.

(Or)

- b. Discuss about the for loop statements.

18. a. Explain about storage class specifiers

(Or)

- b. Explain about manipulation of strings.

19. a. What is a pointer? How it is declared and initialized.
Explain.

(Or)

- b. Explain about UNION

20. a. Discuss Bitwise operations.

(Or)

- b. Define preprocessor? Explain its operations.

Section- C

Answer any Two Questions:

2 X 15 = 30

21. Write the classification of computers in detail
22. Explain about operators.
23. What is array? How it is defined and processed?
24. Explain the following.
 - a. Pointer to functions.
 - b. Arrays of pointers.
 - c. Structure and pointers
25. How to open, close and processing files? Explain in detail with example.