

B.Sc(computer science) DEGREE EXAMINATION

OCTOBER/NOVEMBER

MODEL PAPER

First Year –First semester

Time: Three hours

Paper 1 :Computer fundamentals and photoshop

maximum: 75 marks

SECTION A

Answer any **FIVE** questions 5X15=75M

- 1) Define computer? Explain the block diagram of a computer with a neat diagram?
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 - 2) a) What are various number systems?
b) convert 11010010 into octal, decimal and hexa decimal number format?
 - 3) Explain various types of memories?
 - 4) What is printer? Explain different types of printers?
 - 5) Explain various parts of photoshop window?
 - 6) a) Define tool? Explain various tools in toolbox?
b) define image? explain various operations on image?
 - 7) Explain the importance of layers?
 - 8) what are various filter operations in photoshop?
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B.Sc(computer science) DEGREE EXAMINATION

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MODEL PAPER

First Year –II semester

Time: Three hours

Subject : 'C' programming

maximum: 75 marks

Answer any five (5X15=75)

1. a) Explain the structure of c-program.
b) what is a token .Explain different types of tokens.
2. a) what is an operator? explain different types of operators.
b).Explain various control structure of C Language
3. a) Write a C Program to find Whether a given number is prime or not.
b) Write about different data types of C Language.
4. a) What is an array explain different types of arrays.
b) Write a c program to add the two matrices.
5. a) Explain different types of functions.
b) Write a c program to find out the factorial of the given number.
6. a) Explain the string handling functions in C language.
b). Write a c program to check the given string is palindrome or not.
7. a) Write a C program to find sum of two numbers using pointers.
b) What is a structure .explain.
8. a) Explain file modes in c-language.
b) Explain file handling functions in c-language.

B.Sc(computer Science)DEGREE EXAMINATION

OCTOBER/NOVEMBER

Second Year –Third semester MODEL PAPER

Paper-1: Object oriented programming with JAVA

Time: Three hours

maximum: 75 marks

SECTION A (5X15=75)

Answer any five questions

- Explain the features of JAVA.
 - Explain the structure of the java program.
- what is an operator?.Explain different types of operators' in JAVA.
 - Explain the command line arguments in java.
- Explain different data types in java.
 - Explain the looping statements in java.
- What is a constructor? Explain.
 - What is inheritance? Explain different types of inheritances.
- What is Thread? Explain life cycle of Thread.
 - What is interface? Explain.
- Explain String handling functions.
 - What is Vector? Explain its member functions.
- Explain the structure of the HTML program.
 - Wat is applet .Explain Life cycle of Applet.
- what is Stream. Explain Stream handling functions.
 - What is String tokenize? Explain.

B.Sc(computer Science) DEGREE EXAMINATION

OCTOBER/NOVEMBER

Second Year –forth semester

MODEL PAPER

Paper-1: data Structures

Time: Three hours

maximum: 75 marks

Answer any five

(5X15=75)

1. a) What is data structure? Explain its types.
b) What is linked list? Explain different types of linked lists.
2. a) write a procedure to insert ,delete the elements in single linked list.
3. a) what is a stack. Explain its operations.
b) What is polish notation? Explain infix, prefix and postfix notations.
4. a) write a program to implement the circular queue operations.
5. a) write a procedure to create the binary search tree.
b) Explain tree traversing teachings.
6. a) explain threaded binary tree.
b) explain the parse trees.
7. a) Explain graph representation methods.
b). Explain DFS with example.
8. a) explain Quick sort with example.
b). write a program to implement the binary search.

