

QUESTION BANK

UNIT-4 POINTER AND ARRAY

1. Give meaning of declaration `int *ptr`.
2. State the use of `&` and `*` operator with respect to pointer.
3. Define pointer with declaration and initialization.
4. Write a program using pointer to swap two numbers.
5. What are advantage of using pointer.
6. Write a program which shows pointer arithmetic.
7. Explain array of pointer with example.
8. Explain structure using pointer with example
9. Write a program to print value and address using pointer.
10. Explain pointer to pointer with example
11. Explain array to pointer with example
12. Explain function returning pointer with example
13. What is Array ?Give syntax of declaring it.
14. How to declare and initialize one dimensional array?
15. What is character array?
16. What is two dimensional array?How is it declared and initialized?
17. Explain String with its Function.
18. Declare and Explain Array of string With Example.
19. Explain Commmand line Argument.
20. Difference between pointer and array.

UNIT- 5 STRUCTURE AND UNION.

1. What is Structure ? Explain it with example and Syntax.
2. What is basic difference between and Structure and Function.
3. Explain array of Function With Example.
4. Explain Pointer to Structure with Example.
5. What Self Referential Structure ? Explain With Example.
6. Explain typedef and bitfield with Example.
7. What is Union ? Explain it with example and Syntax.
8. Give a difference between Structure and Union.

UNIT- 6 INPUT & OUTPUT.

1. Explain Standard input and output.
2. Explain Formatted and unformatted input and output with Example.
3. Explain Error handling in File.
4. Explain different function which use in error handling.
5. Explain miscellaneous function in c.
6. Explain all input and output function in c.

UNIT- 7 UNIX SYSTEM INTERFACE.

1. Explain what is File Descriptor.
2. Explain system input output System function .
3. Explain random ,lseek function with Example.
4. Explain Storage allocator / Dynamic memory allocation with Example.
5. List out all function used in dynamic memory allocation.

UNIT-8 standard Library

- 1.Explain Given Library in brief

- i. .string.h
- ii. math.h
- iii. stdlib.h
- iv. assert.h
- v. time.h

NOTE.Also refer programming question from lab manual which is in syllabus