

B.TECH. CSE SEMESTER – II

2020

WORKSHEET-V

1. Define pointers.
2. Define NULL pointer.
3. Define wild pointer.
4. Define file pointer.
5. What is a file? Explain, how the file open and file close functions handled in C.
6. Explain different access modes used in file handling.
7. Write short notes on:
 - a. fscanf
 - b. fgets
 - c. fgetc
 - d. fread
8. Write short notes on:
 - a. fprintf
 - b. fputs
 - c. fputc
 - d. fwrite
9. Write short notes on:
 - a. fseek
 - b. ftell
 - c. rewind
 - d. fgetpos
10. Write short notes on:
 - a. #if
 - b. #elif
 - c. #ifdef
 - d. #ifndef
 - e. #endif
11. WAP to compare the contents of two files and determine whether they are same or not.
12. What is preprocessor directive? Explain with example.
13. What do you mean by macros? Write the process to define and call a macro.

14. Data type of the pointer variable must be the same as that of variable whose address it stores. Why?

15. Give the output of below program-

```
void main()
{
    int x = 2011 , *y = &x, **z = &y;

    *y = *y + 3;
    **z = **z + 2;
    x = x + 1;

    printf("x = %d", x);
}
```

16. Give the output of below program-

```
int main()
{
    int milestone[]={1857, 1947, 1950, 1957, 1995, 2000};
    int *ptr1= &milestone[0], *ptr2=&milestone[5];
    while(ptr2>=ptr1)
    {
        printf("%d\t",*ptr2--);
    }

    return 0;
}
```
