



- c) printf(“%d %d”,author::name, author::publication);
- d) printf(“%d %d”,author-name, author-publication);

9. The arguments that are passed in a function call are called \_\_\_\_\_.

- a) formal arguments.                      (b) actual arguments.
- (c) both (a) and (b)                      (d) non of above

10. putw function is used to \_\_\_\_\_ into a file.

- a) write a character                      (b) read an integer.
- (c) read a character                      (d) write an integer

**Q.2 Answer the following. (Attempt any FIVE). [15]**

- 1. Define. String, call by reference, recursion.
- 2. Explain Types of Function in detail.
- 3. How to Read a strings from terminal with scanf function? What is the Limitations of scanf() function and what is the solution?
- 4. Explain declaring & initializing of pointers.
- 5. Distinguish between Array and structure.
- 6. Define. : Scope, visibility & lifetime of variables.

**Q.3 Attempt any THREE. [15]**

- 1. List out Element of user-defined functions and Explain each elements in brief. [5]
- 2. How to detect end of file in C. Explain in detail. [5]
- 3. Explain pointer and array in brief with suitable example. [5]
- 4. Explain file operations with suitable example. [5]

**Q.4 Answer the following. [15]**

- (a) Explain structure within structure with suitable example. [5]
- (b) Explain fseek function in brief brief with suitable example. [10]

**OR**

- (b) Explain below file handling function in brief with suitable example. [10]
  - i. fprintf()
  - ii. fscanf()
  - iii. getw()
  - iv. putw()
  - v. putc()