

नोट : दोनों खण्डों से निर्देशानुसार उत्तर दीजिए। प्रश्नों के अंक उनके दाहिनी ओर अंकित हैं।

Note : Answer from both the section as directed. The figures in the right-hand margin indicate marks.

SECTION-A

1. Answer the following:

$2 \times 10 = 20$

- (a) Any name given to any variable function are also a
- (b) Which concept/keyword can be used to implement the loop with using and loop statement ?
- (c) What does the malloc function return and why ?
- (d) Why we include stdio.h header file ?
- (e) What is the similarity between array and pointer ?
- (f) What is the default values of static variable ?
- (g) When we should use # define directories.
- (h) When we should use macro instead of function ?
- (i) Which is the base class for streaming ?
- (j) What the file open() function return ?

SECTION-B

2. Write a simple program to calculate and display the sum of two matrix ($M \times N$) and stored it in another matrix of $M \times N$ size using only one 3-dimentional array.

OR

What is the need of extern storage class ? Write a simple program that can access extern variable declared ? Define in other file or program.

3. Write a simple program to demonstrate the use of passing pointer as an argument into a function.

OR

Write a simple program that can take N number from keyword and then display these numbers in descending order.

4. Write a simple program to demonstrate the use of calloc & realloc in a single program.

OR

What do you understand by enum ? When we should use it ? Write a simple program to demonstrate its use.

5. What do you understand by conditioned completion? Write a simple program to demonstrate its use.

OR

Write a simple program to demonstrate the difference between structure and union.

6. Write a simple program that can read input from keyboard and store it in a file named “sample.txt”.

OR

Write a simple program to demonstrate the use of different I/P or O/P functions in a single program.