QUESTION 2012

Group - A (Multiple Choice Type Questions)

1. Choose the correct alternatives for any te	n of the following:
n C is a	
✓a) middle level language	b) high-level language
c) low-level language	d) none of these
ii) A do-while loop is useful when we want	that the statements within the loop must be executed
a) only once	✓b) at least once
c) more than once	
	d) none of these
iii) Every C function	그렇게 되는 회사가 이번에 가장 그래 생각하다.
✓a) by default return an integer valu	e
b) by default return more than one in	iteger value
c) by default return an floating const	ant o
d) None of these	28
	· 20
iv) An array is a collection of	
a) different data types scattered thro	ough memory
b) the same data type scattered thro	oughout the memory
√c) the same data type placed next	to each other in memory
d) different data types placed next to	o each other in memory.
v) When you pass an array as an array	
a) address of the array	ent to a function, what actually gets passed
c) address of the first element of	b) value of the elements of the array
of address of the first element of	the array d) number of elements of the array
vi) What is a preprocessor directive?	
a) A message from compiler to the	programmer
b) A message from compiler to the	linker
c) A message from programmer	to the preprocessor
그 사람들은 사람들은 바로 가는 것이 되었다는 그 때에게 그렇게 없어가지 때문지 때문에서 살아가다.	그 그는 얼마나를 먹는 맛이 하다면, 모든 프랑트 이 그 그들은 마음이었다. 그 말라는 아이를 때 하나에서 하다면 살아왔다. 이 그림 이 그

d) A Message from programmer to the microprocessor

vii) A header file is a) a file that contains standard library f b) a file that contains definitions & m c) a file that contains user defined func d) a file that is present in current worki	acros	
viii) The break statement is used to exit from a) an if statement c) a program	m ✓b) a for loop d) the main () function	
ix) Which function would you use if a single a) scanf() b) gets()	c) general)	, ,
x) If *p & *q are two pointer variables, then a) *p + *q b) *p/*q	which of the following statements \checkmark c) *p + 10	d) none of these
main() { int i = 1 printf ("%d%d%d", i, ++i, i++); } a) 133 b) 322	3Paper c)311	√ d)331
(Short A	Group – B nswer Type Questions)	
2. Describe the different symbols used in a by debugging of a program? See Topic: INTRODUCTION, Long Answer 3. Briefly describe the different loop control See Topic: FLOW OF CONTROL, Long Answer	Type Question No. 2 (a) & (d). structures in 'C' with syntax, exanswer Type Question No. 3.	nple and explanation.
What are the advantages of using functions users defined functions & library functions? What is recursion in programming? What as See Topic: FUNCTIONS, Long Answer Type See Topic: FUNCTIONS, Short Answer Type	dvantage is there in its use? c Question No. 2.	the difference between
5. What is dynamic memory allocation? What is dynamic memory allocation? What are the advantages of using linked lists over See Topic: DYNAMIC MEMORY ALLOCATION See Topic: DYNAMIC MEMORY ALLOCATION.	r arrays? TION, Long Answer Type Questio	n No. 3

What is structure? How is a structure member accessed? What is an array of structures described with an example? described STRUCTURES AND UNIONS, Short Answer Type Question No. 3.

Grown - C (Long Answer Type Questions)

7. Explain the difference between 'call by reference' and 'call by value'. Where is the difference between global & local variable. Write a recursive function for GCD calculation. See Topic: PIONTERS, Long Answer Type Question No. 1. See Topic: FUNCTIONS, Short Answer Type Question No. 18. See Topic: FLOW OF CONTROL, Long Answer Type Question No. 18.

8. What do you mean by storage classes in 'C'? Name different storage classes and explain each with examples. Write a 'C' program that implements the matrix multiplication using 2-D array. See Topic: FUNCTIONS, Long Answer Type Question No. 4.

See Topic: ARRAYS, Long Answer Type Question No. 1(n).

9. What is linked list?

What are the advantages of switch case? Describe different types of data types.

Write a 'C' program to calculate factorial of a number.

See Topic: DYNAMIC MEMORY ALLOCATION, Short Answer Type Question No. 7.

See Topic: C FUNDAMENTALS, Long Answer Type Question No. 4.

See Topic: FUNCTIONS, Long Answer Type Question No. 5.

10. What is union? How does a union differ from a structure?

How a union member accessed? Write a 'C program that implements a structure person that would contain person name, data_of_joining & salary.

See Topic: STRUCTURES AND UNIONS, Long Answer Type Question No. 1(b) & (c).

See Topic: STRUCTURES AND UNIONS, Long Answer Type Question No. 3.

11. Write short notes on any three of the following:

- Preprocessor directives
- b) strepy () and stremp () function
 - 6 Automatic and static variables
- d) getc() and getchar () function
- e) Actual & formal arguments.
- a) See Topic: FUNCTIONS, Long Answer Type Question No. 9(a).
- b) See Topic: ARRAYS, Long Answer Type Question No. 9(b).
- c) See Topic: FUNCTIONS, Long Answer Type Question No. 9(d).
- d) See Topic: FUNCTIONS, Long Answer Type Question No. 9(e).
- e) See Topic: FUNCTIONS, Long Answer Type Question No. 9(f).