

Program: FE All branches CBSGS

Curriculum Scheme: Revised 2012

Examination: First Year Semester II

Course Code: FEC205 and Course Name: Structured Programming Approach

Time: 1hour

Max. Marks: 50

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Note to the students: - All the Questions are compulsory and carry equal marks.

Q1.	Which of the following order is correct for solving the problem?
Option A:	Define the problem,Design the solution,Practicing the solution and Organizing the data
Option B:	Organizing the data, Define the problem ,Practicing the solution and Design the solution
Option C:	Define the problem ,Design the solution, Organizing the data and Practicing the solution
Option D:	Design the solution,Organizing the data , Define the problem and Practicing the solution
Q2.	Which of the following statement is wrong regarding flowchart?
Option A:	Systematic testing
Option B:	Improper documentation
Option C:	Systematic debugging
Option D:	Efficient coding
Q3.	The notation for Worst case condition is _____
Option A:	θ
Option B:	Ω
Option C:	O
Option D:	α
Q4.	Two different conditions are represented by which symbol?
Option A:	Diamond shape
Option B:	Oval shape
Option C:	Rectangle shape
Option D:	Parallelogram shape

Q5.	_____ are memory location in computer's memory to store data.
Option A:	keywords
Option B:	variables
Option C:	constants
Option D:	Identifiers
Q6.	Assigning a value to the variable during declaration of variable is called_____
Option A:	initialization
Option B:	Proclamation
Option C:	definition
Option D:	implementation
Q7.	Which function display a string on a monitor?
Option A:	putchar()
Option B:	gets()
Option C:	puts()
Option D:	getchar()
Q8.	What is the output of following? <pre>void main() { int a=5,b=3; float c; c=a/b; printf("%f",c); getch(); }</pre>
Option A:	3.000000
Option B:	5.000000
Option C:	2.000000
Option D:	1.000000
Q9.	What is the size of an float data type
Option A:	1 byte
Option B:	4 byte
Option C:	Depend on system
Option D:	Can't be determined
Q10.	Associativity of ++ operator is,
Option A:	Left to right
Option B:	Right to left
Option C:	Depend on system
Option D:	Cannot be determine

Q11.	The break statment cannot be used with
Option A:	For
Option B:	switch
Option C:	If-else
Option D:	while
Q12.	If you want to transfer control from one position to another,
Option A:	Break
Option B:	Continue
Option C:	return
Option D:	goto
Q13.	<pre>#include <stdio.h> int main() { int i = 1024; for (; i >= 1) printf("GeeksQuiz"); return 0; }</pre> <p>How many times will GeeksQuiz be printed in the above program?</p>
Option A:	11
Option B:	10
Option C:	8
Option D:	Compile error
Q14.	<pre>int main() { while(true) { printf("RABBIT"); break; } return 0; }</pre>
Option A:	Rabbit
Option B:	Rabbit will print unlimited times
Option C:	No output
Option D:	Compile time error

Q15.	Which of the following is an entry-controlled loop?
Option A:	While
Option B:	Do-while
Option C:	For
Option D:	Nested for
Q16.	for (; ;)
Option A:	means the test which is done using some expression is always true
Option B:	is not valid
Option C:	should be written as for()
Option D:	will loop forever
Q17.	What will be the output of following program? <pre>main() { Int i = abc(10); Printf("%d",-- i); } int abc(int i) { return (i++); }</pre>
Option A:	8
Option B:	9
Option C:	10
Option D:	11
Q18.	What is default parameter passing technique in C?
Option A:	call by value
Option B:	call by reference
Option C:	call by value result
Option D:	call by reference result
Q19.	Any C program
Option A:	need not contain any function
Option B:	needs input data
Option C:	need not contain any function and input data
Option D:	must contain at least one function
Q20.	In recursion method, the solution of a problem depends on _____
Option A:	Larger instances of different problems
Option B:	Larger instances of the same problem

Option C:	Smaller instances of the same problem
Option D:	Smaller instances of different problems
Q21.	What is the dimension of the below C Array? int ary[]={1,3,5,7};
Option A:	1
Option B:	2
Option C:	3
Option D:	4
Q22.	What is the function to accept multi word input in C language?
Option A:	scanf
Option B:	gets
Option C:	getc
Option D:	finds
Q23.	What is the output of C program? int main() { struct book { int pages; char name[10]; } a; a.pages=10; strcpy(a.name,"Cbasics"); printf("%s=%d", a.name,a.pages); return 0; }
Option A:	empty string=10
Option B:	C=basics
Option C:	Cbasics=10
Option D:	Compiler error
Q24.	What are the C functions used to read or write a file in Text Mode?
Option A:	fprintf(), fscanf()
Option B:	fread(), fwrite()
Option C:	fprint(), fscan()
Option D:	read(), write()
Q25.	Using _____ ,An entire array is always passed to a called function.
Option A:	Call by value
Option B:	Call by reference
Option C:	Address relocation
Option D:	Address restructure