University of Mumbai
Examination 2020

Program: _____ Engineering
Curriculum Scheme: Rev2016/2012
Examination: FIRST sem:II
Course Code: FEC205 and Course Name: SPA

Time: 1 hour   Max. Marks: 50

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

Q1.	C Programs are converted into machine language with the help of
Option A:	An Editor
Option B:	A compiler
Option C:	An operating system
Option D:	JDK
Q2.	Standard ANSI C recognizes _____ no. of keywords
Option A:	30
Option B:	24
Option C:	32
Option D:	36
Q3.	Which one of the following is not a valid identifier?
Option A:	_exam
Option B:	1exam
Option C:	exam_IAT1
Option D:	IAT1
Q4.	Which is the only function all C programs must contain?
Option A:	stdio()
Option B:	getch()
Option C:	main()
Option D:	printf()

Q5.	#include<stdio.h>
	void main()
	{
	int i=1;
	while(++i<=5);
	printf("%d",i++);
	}

Option A:	4
Option B:	6
Option C:	26
Option D:	24
Q6.	Which operators are used to compare the values of operands to produce logical value in c language?

Option A:	Logical Operator
Option B:	Relational Operator
Option C:	Assignment Operator
Option D:	Bitwise Operator
Q7.	which is the correct sequence statements that swaps values of two statements?
Option A:	a=a+b, a=a-b, b=a-b
Option B:	a=a+b, b=a-b, a=a-b
Option C:	a=a-b, a=a+b, b=b-a
Option D:	a=a+b, a=a-b, b=-a
Q8.	Which loop is guaranteed to execute at least one time
Option A:	for
Option B:	While
Option C:	Do while
Option D:	If-else
Q9.	Which of the following is the correct order of evaluation for the below expression? z = x + y * z / 4 % 2 - 1
Option A:	* / % + - =
Option B:	= * / % + -
Option C:	/ * % - + =
Option D:	* % / - + =
Q10.	Who is father of C Language?
Option A:	Bjarne Stroustrup
Option B:	James A. Gosling
Option C:	Dennis Ritchie
Option D:	Dr. E.F. Codd
Q11.	A _____ is a type of diagram that represents an algorithm, workflow or process.
Option A:	Flowchart
Option B:	structure chart
Option C:	Pi chart
Option D:	Bar chart
Q12.	Which of the following operator takes only integer operands?
Option A:	+
Option B:	*
Option C:	/
Option D:	%
Q13.	Which of the following special symbol allowed in a variable name ?
Option A:	* (asterisk)
Option B:	| (pipeline)
Option C:	- (hyphen)

Option D:	_ (underscore)
Q14.	Choose the function that is most appropriate for reading in a multi-word string?
Option A:	getc( )
Option B:	putc( )
Option C:	strchr( )
Option D:	gets( )
Q15.	Which of the following statement is used to take the control to the beginning of loop
Option A:	exit
Option B:	continue
Option C:	break
Option D:	do-while
Q16.	Which keyword can be used for coming out of recursion?
Option A:	break
Option B:	return
Option C:	exit
Option D:	jump
Q17.	The parameters passed by the caller function are called as the _____parameters
Option A:	Actual
Option B:	Formal
Option C:	Informal
Option D:	reference
Q18.	The number of actual and formal parameters
Option A:	can be different
Option B:	should not be the same
Option C:	should be same
Option D:	cannot be of same type
Q19.	What is the right way to initialize array in C?
Option A:	int arr{}={1,2,5,6,9}
Option B:	int arr[5]={1,2,5,6,9}
Option C:	int arr{5}={1,2,5,6,9}
Option D:	int arr()={1,2,5,6,9}
Q20.	The memory space allocated to the array declared as: int a[10];will be _____bytes
Option A:	10
Option B:	20
Option C:	30
Option D:	40
Q21.	An integer array of size 10 is declared in a C program. The memory location of

	the first byte of the array is 1000. What will be the location of the 7th element of the array? (integer takes 2 bytes of memory)
Option A:	1014
Option B:	1012
Option C:	1010
Option D:	1016
Q22.	Which assignment is not valid for integer arrays in C programming? (arr, arr1 and arr2 are integer arrays)
Option A:	arr[4]={1,2.5,3,4};
Option B:	arr[]={1,2,3,4}
Option C:	arr1=arr2
Option D:	arr[]=[1,2,3,4]
Q23.	putchar(c) function always outputs character to the _____
Option A:	screen
Option B:	Standard output
Option C:	Depends on the compiler
Option D:	Depends on the operating system
Q24.	User defined data type cannot be defined by
Option A:	struct
Option B:	enum
Option C:	typedef
Option D:	int
Q25.	Which of the below is a collection of different data types
Option A:	String
Option B:	array
Option C:	int
Option D:	structure