

BE - SEMESTER-1st / 2nd • EXAMINATION – SUMMER • 2014

Date: 23-06-2014

Time: 02:30 pm - 05:00 pm

Total Marks: 70

1. Question No. 1 is compulsory. Attempt any four out of remaining Six questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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1. To Learn Computer, without going to classroom what will be other way
 - a) Distance Learning
 - b) I-Learning
 - c) Digital Learning
 - d) E-Learning
2. How to write E_mail Address ?
 - a) xyz@website.info
 - b) xyz@website@info
 - c)xyz.website.info
 - d)xyzwebsite.info
3. What will be a meaning of 1KB of memory
 - a) 1 Kit Bit
 - b) 1 Kilo Byte
 - c) 1 Kernel Boot
 - d) 1 Key Block
4. Full Form of RAM ?
 - a) Random Access Memory
 - b) Ready Application Module
 - c) Remote Access Machine
 - d) Read Access Memory
5. What is Computer Virus ?
 - a) Software
 - b) Hardware
 - c) a and b
 - d) None of above
6. Full form of IP ?
 - a) Internet Principle
 - b) Intercom Protocol
 - c) Intranet Protocol
 - d) Internet Protocol
7. What will be extension of Web Page's file ?
 - a) .xls
 - b) .3gp
 - c) .html
 - d) .ppt

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- Which of the following loop is executed at least once?
a) do-while b) for c) if d) while
- What will be printed if we type the statement `printf("%d\n", 'd');`
a) 0 b) 100 c) error d) d
- C is a _____ language.
a) High level b) Middle level c) Machine level d) Low level
- Which header file is essential for using `printf()` function ?
a) `text.h` b) `strings.h` c) `stdio.h` d) `strcmp.h`
- Which among the following is a unconditional control structure.
a) `goto` b) `for` c) `do-while` d) `if-else`
- A pointer value refers to
a) A float value b) An integer constant c) Any valid address in memory d) None
- Recursion is a process in which a function calls
a) itself b) another function c) `main()` function d) none of the above

Q.2	(a)	Define following	07
		1) Operating System 2) Compiler 3) Interpreter 4) Assembler 5) Loader 6) Linker 7) Preprocessor.	
	(b)	Draw a flow chart to do the sum of 10 elements read from the user.	07
Q.3	(a)	Explain primary data types used in C.	07
	(b)	Write a program to select and print the largest of the three nos. using nested-if-else statement.	07
Q.4	(a)	Explain various types of loop available in C with example.	07
	(b)	Write a program to perform addition, multiplication, subtraction and division with switch statement.	07
Q.5	(a)	Describe following string functions in C-Language.	07
		1) strcpy() 2) strcat() 3) strlen() 4) strcmp()	
	(b)	Write a program to print the following pattern.	07
		*	
		* *	
		* * *	
		* * * *	
Q.6	(a)	List out the categories of functions of C. Explain any one category with example.	07
	(b)	What is pointer ? Give its benefits. Write a program to do swapping of two elements using function with two pointers as arguments.	07
Q.7	(a)	What is structure ? Explain nested structure and array of structure with example.	07
	(b)	What is file management ? List the different file management functions and explain the various file modes.	07
