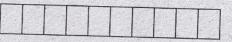
Total No. of printed pages = 4

BMD 171202

Roll No. of candidate



2019

B.Des. (MCD) 2nd Semester End-Term Examination

INTRODUCTION TO COMPUTER PROGRAMMING

(New Regulation)

(w.e.f 2017 - 2018)

Full Marks - 70.

Time - Three hours

The figures in the margin indicate full marks for the questions.

Answer Question No. 1 and any four from the rest.

1. Answer the following: (ordering/MCQ/Fill in the blanks)

 $(10 \times 1 = 10)$

(i) Write down the following computer in history manner:

(a) Mark 1

(b) The ENIAC

(c) Herman Hollerith

(d) The Atanasoff-Berry Computer (ABC)

(ii) Which is the correct equivalent of 1GB?

(a) 1000 bytes

(b) 1000 megabytes

(c) 1000000 bytes

(d) None

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(iii) Where resides the CPU and primary memory?

- (a) Chip
- (b) Motherboard
- (c) Both
- (d) None
- (iv) The decimal representation of '1011' is ______ which is negative decimal number.
- (v) The binary representation of '62' is ______ in 6 bits.
- (vi) What is the use of third term in for loop?
 - (a) Initialization
 - (b) Increment
 - (c) . Decrement
 - (d) Both 'ii' and 'iii'
- (vii) What is the full form of MICR?
 - (a) magnetic-identity character recognition
 - (b) magnetic-ink character recognition
 - (c) magnetic-ink character receptor
 - (d) None

(viii) What is the role of MSB in binary number?

- (a) magnitude
- (b) sign
- (c) None
- (d) Both
- (ix) In which case, "incompatible implicit declaration of built-in function" error occurs?
 - (a) Function missing and header file exiting
 - (b) Function existing and header file missing
 - (c) Function missing and header file missing
 - (d) None
- (x) The length of string is count using _____ function.

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2. (a	programming examples, and find the key
	differences between both. (8)
(b	
	strings using string function. (7)
3. (a	
(b	
	number matrix. (7)
	1-1234 5
	2-1234
	3-123
	4-12
	5-1
4. (a	에는 것은 것을 하는 것은 것을 하는 것을 해야 할 수 있는 것을 수 있는 것을 수 있는 것을 하는 것을 하는 것을 하는 것을 수 있는 것을 수 있는 것을 하는 것을 수 있는 것을 수 있는 것을 수 있
	Add a datatype in it to remove this error. (5)
**	# include <stdio.h></stdio.h>
	main()
1990 - 1977 - 19	int x;
	mul(int, float);
	x = mul(4, 0.50):
	printf("\n %d", x);
	<pre></pre>
	mul (int xx, float yy)
	return (xx*yy);
	}
(b	
	number matrix. (10)
	1-54321
	2-5432
	3-543
1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	4-54
	5-5
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Din 1	

 (a) Describe the generation of computers in de with size, technology used, language used machine examples. (b) Differentiate among molecular, quantum, and biological computing. 	, and (7) DNA (8)
	(8)
and biological computing.	
. (a) What is the key difference between hard and software components and explain al hardware components?	
(b) How do computers communicate and ex the encoding schemes?	olain (7)
. (a) Classify the computers with their capabi such as processing, use and manufacturers	lities (8)
(b) How to do programming in modern comput	ers? (4)
(c) What is the role of register and memory in the machine?	nside (3)

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