ARCHIOLOGY TREATMENTS

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SARDAR PAYEL UNIVERSITY

and the second of the M.Sc. (Bioinformatics) I Sentester Examination Print Conference in the

PS01CM3503 11 Fundamentals

Thursday, 6th December, 2912

That : 16:36 a.m. to 1:30 p.m. :

Total Marks: 70

SECTION - I

- 1.(A) Draw the block diagram of a simple computer. Which buses are used to connect 5. various parts of a computer ? Explain the functions performed by the important components of a computer.
 - (B) Explain : Pipeline machines.

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- (C) Explain how information storage is organized on a hard disk. What do you mean 5 by seek time and rotational latency?
- 2.(A) Answer the following questions in brief (ANY FIVE):

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- (i) What are the octal and hexadecimal equivalent numbers of the binary number (IIII100111)₂ ?
- Define: 1's complement and 2's complement of a given binary number. (ii)
- What is the main function of a CPU? List the important components of (iii) a CPU.
- Write the steps involved in instruction execution by a CPU. . : . (iv). . .
- Define: character code. What is ASCH? ...-(v)
 - . (vi) Construct the Hamming code for the ASCII character 'B' considering even parity.
 - Distinguish between the primary and secondary memory.

(B) Explain (ANY TWO):

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- (i) Array processors,
- (ii) Compact Disks,
- (iii)Addressing techniques,
- (iv)Interrupts.

SECTION - II

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ر. د	(A) Fillin th	e blanks ;	- 5
		e address of the extreme left upper corner cell of the	
	(ii) Ex (iii) Af	rksheet is cel displays the address of the active cell in the comula always begins with BS(-17.55) displays	:
	(v) =R	OUND(32767,-2) displays	
	(B) Differen	tiate between :	4
to the second of	(i) (ii)	Function and Formula LEFT() and MtD()	
,. (C) Explain workshe	different ways to change column width of a column in et.	2
4.(A) Discuss (i) (ii) (iii)	the following MS-EXCEL functions : (Any TWO) COUNT() CEILING() FIND()	4
(B) What is MS-EXC	a macro? Explain steps to create and execute a macro in EL.	3
(C) Discuss	Data -> Fifter	3
. Project (I	D) What do process	What do you mean by a database in EXCEL? Explain the sorting process in EXCEL by taking suitable examples.	
• 100 (100 (100 5.6)	A) List out : Excel an	List out atleast five string (text) built-in functions available in MS- Excel and explain any two of them.	
(C	B) What is of inform	What is a PowerPoint? What do you mean by a slide? What type of information a slide can have?	
	C) Describe	the various effects that can be apply to a presentation	3