## M-93/2110

## FUNDAMENTALS OF INFORMATION TECHNOLOGY -101 SEMESTER- I, (Dec. 2019)

## TIME ALLOWED 3 Hrs

MM 70

NOTE:

The candidates are required to attempt two questions each from Section A & B Section C will be compulsory.

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Section A	*10	
Q1. Discuss in detail the characteristics and limitation	s of computers. 10	
OO T 1 in remining output devices		4h avitabla
Q2. Explain various output devices.  Q3. Suggest a suitable printer for the following situati	ons. (Justify your answer wi	th suitable
reasons.)		
a) Banking organisation b) Home		
Q4. Define secondary storage and discuss its limitatio	ons. 10	
Section B		
Q5. Differentiate between compiler, interpreter and assembler.		
Q6. Explain different kind of computer languages.		
Q7. Describe the World Wide Web. How it differs for Internet?		
Q8. What is E commerce? Discuss its advantages and	l disadvantages. 10	
Section C		
(09 a) Differentiate between volatile and non volatile memory.		
and All congretions of compilers.		
b) Differentiate between 3 and 4 generations of comparers: c) What are flatbed scanners?		
d) Differentiate between firmware and hardware.		
e) What are the advantages and limitations of flowcharts?		
f) Convert Following		
$(11101)_2 = (?)_8$		
$(3B1)_{16} = (?)_2$		
$(\Delta C2)_{10} = (2)_{0}$		
g) Explain the difference between internet & int	ranet	
h) What is virtual reality?		
i) What is WWW?		
	$3 \times 10 = 30$	
<ul><li>i) What is W W W?</li><li>j) What is debugging?</li></ul>	$3 \times 10 = 30$	