THE RESIDENCE OF THE PARTY OF T	Roll No.
	Sig. of Candidate
1 GLAMABAD TA	

Answer Sheet No	3 &
Sig. of Invigilator	

ime allowed: 15 Minutes								
DTE:	Section—A is compulsory. All parts of this section are to be answered on the question paper itself it should be completed in the first 15 minutes and handed over to the Centre Superintendent Deleting/overwriting is not allowed. Do not use lead pencil.							
1	Circle the correct option i.e. A / B / C / D. Each part carries one mark.							
	(i)		h part of computer system coc					
		A.	Control unit	В.	ALU			
		C.	Memory	D.	Ports			
	(ii)	1 kilo	obytes = ?					
		A.	1000 bytes	В.	1024 bytes			
		C.	1000 megabytes	D.	1024 megabytes			
	(iii)	The	set of instructions to perform a	specific task is cal	* *			
		A.	Algorithm	В.	Program			
		C.	Pseudo code	D.	Flowchart			
	(iv)	lnk je	et printer is an example of:					
		Α.	Laser printer	В.	Impact printer			
		C.	Dot matrix	D.	Non-impact printer			
	(v)	Whic	h of the following key is used to	o run a BASIC pro	• •			
		A.	F1	В.	F2			
		C.	F3	D.	F4			
1	(vi)	"B" in hexadecimal is equal to in decimal.						
		A.	10	B.	11			
		C.	12	D.	13			
	(vii)	The number of bits processed by a computer is called:						
		A.	Computer byte	В.	Computer word			
		C.	Processor word	D.	Computer phrase			
	(viii)	Which component of computer system is the fastest one?						
		A.	RAM	В.	Register			
		C.	Cache	· D.	CD-ROM			
	(ix)	Which one of the following is a volatile memory?						
		Α.	RAM	В.	·ROM			
		C.	DVD-ROM	D.	CD-ROM			
((x)	The p	process to remove errors is cal	led:				
		Α.	Bug	В.	Debugging			
		C.	Compiling	D.	Executing			
			-		-			
I	For Ex	xamine	r's use only:					
				Total	Marks: 10			

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Marks Obtained:



COMPUTER STUDIES HSSC-II

Time allowed: 2:15 Hours

Total Marks Sections B and C: 40

NOTE: A

Answer any eight parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION - B (Marks 24)

- Q. 2 Answer any EIGHT parts. The answer to each part should not exceed 3 to 4 lines. (8 x 3 = 24)
 - (i) Compare and differentiate storage and memory.
 - (ii) Software brings the machine to life. Comment.
 - (iii) Briefly discuss the role of Arithmetic and Logic Unit.
 - (iv) Define optical character recognition.
 - (v) How CD-ROM speeds are measured?
 - (vi) Write at least three differences between digital and analog computers.
 - (vii) Convert the following:
 - a. $34 = (?)_2$
 - b. $(100010)_2 = (?)_{16}$
 - (viii) Write down the operator's precedence.
 - (ix) Name any six High Level Languages.
 - (x) What will be the output of the following BASIC code?

10 CLS

20 N=1

30 WHILE N<5

40 PRINT N, N^2, N^3

(xi) Draw flowchart for the above given BASIC code.

SECTION - C (Marks 16)

Note: Attempt any TWO questions. All questions carry equal marks.

 $(2 \times 8 = 16)$

- Q. 3 Write a program and algorithm that reads temperature in Celsius and convert it into Fahrenheit.
- Q. 4 Define plotters. Discuss its types in detail.
- Q. 5 Explain the uses of computers in the following fields:
 - a. Banking
 - b. Education
 - c. Medical

d. Engineering