□ 2017

Time: 3 hours

Full Marks: 80

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

Answer five questions in which Q. No. 1 is compulsory.

- Choose the corect alternatives of the following: 1.
 - (a) All keywords in C-language are in:
 - (i) Lower Case Letters
 - (ii) Upper Case Letters

- (iii) Camel Case Letters
- (iv) None of these
- (b) The keyword "break" cannot be simply used within:
 - do-while

(ii) for

(iij) if-else

(iv) while

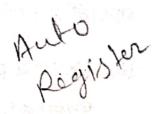
ZH - 24/3

(Turn over)

(c)	The	C-language	consi	sts of _	Old Asset Dis
	num	nber of keywor	ds.		
	(i)	32	(ii)	24	
	(iii)	40	(iv)	56	
(d)	The	e operator opera		an exa	mple for
75 Week	(i)	That you .	a strongly	Logical	Car ada
		Assignment			
	(iii)	Increment	(iv)	Relation	nal
(e) Which of the following statement					ent is not
	syntax wise correct?				
2 11.00	(i)	For (i = 0; i <	10; i +	+);	
4.	(ii)	Printf ("%d",	5);	hts Adio di	es iso
	(iii)	Scanf ("%d",	&a);	ewic 7	
0	(iv)	None of thes	e		* · · ·
(f) How do you initialize an a				array in C	?
as Francis	(i)	int arr [3] = (1			
observit	(ii)	int arr (3) = (1, 2, 3)	TAY SA SA	
21.17		int arr [3] = {	,	wood i	
	(iv)	int arr (3) = {	1, 2, 3}	sel-Life in	
ZH - 24	1/3	(;	2)	n - t	Contd.

(g) Clanguage developed at
(i) AT and T's Bell Laboratories of USA in 1972
(ii) AT and T's Bell Laboratories of USA in 1970
(iii) Sun Microsystems in 1973
(iv) Cambridge University in 1972
(h) To perform string operation, the header file is needed in :(i) String.h (ii) Conio.h(iii) Studio.h (iv) None of these
2. What is looping statement? Explain the different types of looping structures in C-language with examples.
3. What do you mean by file? Explain the different operations of files with suitable example.
4. (a) Write a program in C-language to sort a given array.
(b) Write a program in C-language to compute X ⁿ (x to the power n).
ZH-24/3 (3) (Turn over)

- 5. Explain function ? Distinguish between call by value and call by reference.6. Differentiate any two of the following :
 - Differentiate any two of the to
 - (a) Structure and Union
 - (b) Break and Continue
 - (c) Array and String
 - (d) While and Do-while
- 7. What do you mean by array? Explain the characteristics of an array and types of an array.
- 8. (a) Write a C program to check the given number is reverse or not. e.g.: input-1234, output-4321.
 - (b) Write a C program to check the given number is Armstrong or not.
- 9. Write short notes on any two of the following:
 - (a) Storage class
 - (b) Structure
 - (c) Tokens
 - (d) Function



ZH-	24/3 (400)	(4)

BCA(I) - 106