G020702E	Sub. Code: SSCA4A
Code No: SS30702E B.C.A. (CBCS) DEGREE SPECIAL SUPPLEM	ENTARY EXAMINATION, APRIL2020
FOURTH SEMESTER	
COMPUTER APPLICATION	
SKILL BASED SUBJECT - MICROPROCESSOR	
(For those who joined in July 2017 onwards)	
Time : Three hours	Maximum: 75 marks
Part - A (10 X 1 = 10 marks)	
Answer all questions, choose the correct answer	
Answer the Following: 1. A Control processing unit fabricated of a) Microprocessor b) RAM 2. Which of these is the Components of a) System Bus b) CF 3. The signal sent to the device from the processing unit fabricated of a) Interrupt—acknowledge (b) Return statements. 4. The time between the receiver of an interrupt delay (b) Interrupt latence of a system of a	on a single chip of semiconductor is called: c) ROM Computer? C) Memory Unit d) All of these receiving an interrupt is received after receiving an interrupt is returned and its service is returned and its service is returned and its service is returned at time to avoid a bus conflict caused same bus. C) Cycle time (d) Switching time RC is active data time to avoid a bus conflict caused same bus. C) Address decoder (d) CPU Intent. Cycles (d) Rotates To to to to subroutine to SP instruction
Part-B	$(5 \times 5 = 25 \text{ Marks})$
11. a) Write a note on Memory and Instru Or b) Explain about the compiler and ar 12. a) Explain Peripheral or externally in Or b) Write note on ALE, CS, RD and 13. a) Explain the execution of Sort Pro Or b) What is the interrupt? How the in 14. a) Write about Conditional Call and	in interpreter. itiated operations. WR, CS,WR, RD? gram. Iterrupts are classified?
Or b)Write about ROM and memory m 15. a) write a note on Subroutine docum Or b) Explain BCD addition and multi	apped I/O. entation and parameter parsing.

Reg. No.....

Continuation Sheet

PART - C (5 x 8 = 40 Marks)

16. a) Explain the various memory classification in detail.

Or

- b) Explain the instruction format of 8085.
- 17. a) 17. a) Describe the various logic operations of 8085.

Or

- b) Discuss about the internal data operation and the 8085/8088A register.
- 18. a) Explain the following with example.
 - (a) BCD to Binary
 - (b) Binary to BCD

Or

- b)Explain an 8085 assembly language program to find smallest number from an array of numbers:
- 19. a) Discuss in detail about 8085 multiple interrupt.

Or

b)Explain about the call & return instruction in detail.

20. a) With an assembly language program and explain the BCD to seven segment LED code conversion.

Or

b) Explain about the 8085 assembly language program to multiply two BCD numbers.