

Govt. G. S. G. P. G. College Balod, (C.G.)

Department of Computer Science and Application

Assignment

Class - BSc-I

Subject- Computer Science

Paper – I

COMPUTER FUNDAMENTALS

PAPER CODE - 0805

MAX MARKS – 100

Note: Each question has equal marks. All questions are compulsory.

- Q1. A) Differentiate among Analogue, Digital and Hybrid computer. Explain major component of digital computer.
- B) Explain Flynn's classification.
- Q2. A) Explain 8085 microprocessor block diagram.
- B) Write short note on:-
- I) Timing diagram II) Instructions flow and data flow.
- Q3. A) What is cache memory? Explain in details.
- B) What is Memory Management Unit? Explain in details.
- Q4. A) Write short note on:
- I) Keyboard II) Laser Printer
- B) Differentiate between:
- I) Raster scan and Vector scan
- II) Signal processor, I/O processor and Arithmetic processor.
- Q5. A) What is open source software? Explain any **TWO** open source software.
- B) Differentiate between multiuser operating system and multitasking operating system.

Paper – I I

PROGRAMMING IN 'C' LANGUAGE

PAPER CODE - 0806

MAX MARKS – 100

Note: Each question has equal marks. All questions are compulsory.

- Q1. A) What is data type? Explain different data types in 'C' language.
B) Explain unformatted console I/O function with example.
- Q2. A) What is conditional statement? Explain different type of conditional statement with example.
B) Explain Call by value and Call by reference with example.
- Q3. A) What is array? Explain One and Two dimensional array with example.
B) Explain structure and union with example.
- Q4. A) What is void pointer? Explain pointer arithmetic with example.
B) How to pass a pointer as a function argument. Explain with example.
- Q5. A) What is FILE pointer? How to read and write operations are perform in the file. Explain with example.
B) What is 'C' pre-processor directive? Explain any **FOUR** pre-processor directive with example.

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Roll No: _____
Name: _____
Class: BSc- I (Computer Science)
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<u>Question No</u>	<u>Question</u>	<u>Page No</u>	<u>Marks Obtain</u>
<u>Q1 (A)</u>			
<u>(B)</u>			
<u>Q2 (A)</u>			
<u>(B)</u>			
<u>Q3 (A)</u>			
<u>(B)</u>			
<u>Q4 (A)</u>			
<u>(B)</u>			
<u>Q5 (A)</u>			
<u>(B)</u>			

Total Marks

- Note:** 1. Assignment must submit in cover file. Separate paper has separate file. Student can submit assignment in Department of Computer science at **10:30 am to 2:00 PM**.
2. **Last date of assignment submission is 10 August 2020.**
3. Please maintain **physical distance** during assignment submission.