

F.Y. (~~Comp~~) 413
Comp. Fun

Total No. of Questions - [3]

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G.R. No.

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MARCH 2020 / IN-SEM (T1)

F. Y. B.TECH. (NCB) (SEMESTER - II)

COURSE NAME: Computer Fundamentals

COURSE CODE: CS10182B-NCB

(PATTERN 2018)

Time: [1 Hour]

[Max. Marks: 20]

(*) Instructions to candidates:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed.
- 4) Use suitable data where ever required.

Q 1) Attempt any **two**.

- a) Explain functions of memory and processor blocks of computer system? [4]
- b) Write comparisons between Machine-level, Assembly-level and High-level Language, scripting language? [4]
- c) Define operating system? Explain any two types of operating system? [4]

Q.2) Attempt any **two**.

- a) Enlist types of error? Explain any three types of error with example. [4]
- b) Draw flowchart and write pseudo code to swap two numbers using temporary variable. [4]
- c) Write C program and draw flowchart to find area and perimeter of triangle? [4]

Q.3) Attempt any **one**.

- a) Write a C program to find even numbers between 1 to 50 numbers? [4]
- b) Write difference between while and do while?(Use points: concept, syntax, flowchart, example) [4]