

## **SECTION-B**

**Note:** Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 What are the characteristics of first generation computer system?
- Q.12 What are the main functions of operating system?
- Q.13 Write a short note on search engines.
- Q.14 Mention the characteristics of web based systems.
- Q.15 Differentiate between volatile and non volatile memory.
- Q.16 What is the role of compiler and interpreter?
- Q.17 Differentiate between Top down and Bottom up approach.
- Q.18 Differentiate between coupling and cohesion.

## **SECTION-C**

**Note:** Long answer type questions. Attempt any one questions out of two questions. (1x10=10)

- Q.19 Explain in detail the role of information technology in Railways, Banking and Education.
- Q.20 What are the stages in program development life cycle?

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Roll No. ....

189051

**Level 5 / 1st. Sem. / DVOC**

**Software Development**

**Subject : IT Foundations & Programming Concepts**

Time : 2 Hrs.

M.M. : 50

## **SECTION-A**

**Note:** Very short answer type questions. All questions are compulsory (10x1=10)

- Q.1 Define a program.
- Q.2 RAM stands for \_\_\_\_\_
- Q.3 \_\_\_\_\_ is the brain of Computer.
- Q.4 Name any two input devices.
- Q.5 Printer is an output device. (T/F)
- Q.6 Full form of GUI \_\_\_\_\_
- Q.7 What is meant by virus?
- Q.8 Debugging means \_\_\_\_\_
- Q.9 Mention one disadvantage of Flowcharts.
- Q.10 URL means \_\_\_\_\_