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Paper Id: 910172 Roll No: | | | | | | | | | | | | |

BFAD
(SEM- I) THEORY EXAMINATION 2019-20
COMPUTER APPLICATIONS

Time: 3 Hours **Total Marks: 100**

Note: Attempt all sections.

SECTION A

1. **Briefly describe all of the following.** **2 x 10 = 20**
   a. What is main function of CPU in a computer?
   b. What are the peripheral devices in computer?
   c. What is cache memory?
   d. List the five basic operation performed by any computer system.
   e. What are the basic file operations?'
   f. Compare the hardware and software.
   g. List the applications of computer.
   h. How does a computer language differ from natural language?
   i. List the main characteristics of high level language.
   j. What is virtual memory?

SECTION B

2. **Attempt *any three* of the following:** **10 x 3 = 30**
   a. Explain the characteristics of Digital Computer.
   b. Explain the Architecture of computer.
   c. What is an operating system? Name any five Operating system.
   d. Explain the types of computer.
   e. Differentiate among RAM, ROM, PROM, and EPROM.

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SECTION C

3. **Attempt *any one* part of the following:** **10 x 1 = 10**
   a) What is Software? Explain the types of software.
   b) Write the shortcut key to perform the following task in MS-Word
      i. To save the document
      ii. To close the document
      iii. To ereate the new document
4. **Attempt *any one* part of the following:** **10 x 1 = 10**
   a) What is secondary storage? How it differs from a primary storage.
   b) Why input devices necessary for computer system
5. **Attempt *any one* part of the following:** **10 x 1 = 10**
   a) List main advantage of maguetic tapes as a secondary storage device.
   b) What are the limitations of primary memory of a computer?
6. **Attempt *any one* part of the following:** **10 x 1 = 10**
   a) What is file? Differentiate between file's data and its attribute.
   b) What is computer network? How it is useful?
7. **Attempt *any one* part of the following:** **10 x 1 = 10**
   a) What are the peripheral devices? Why they are so called.
   b) Define the following terms.
      i. Throughput
      ii. Turnaround time
      iii. Response time