

Roll No.

BBA-506(N)

**B. B. A. (Fifth Semester)
EXAMINATION, Dec., 2019**

(New Course)

Paper Sixth

FUNDAMENTALS OF COMPUTERS

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt questions from all Sections as directed.

Inst. : The candidates are required to answer only in serial order. If there are many parts of a question, answer them in continuation.

Section—A

(Short Answer Type Questions)

Note : All questions are compulsory. Each question carries 3 marks.

1. (A) What is a speech recognition system ?
- (B) What is disintermediation ?
- (C) What do you mean by proxy servers ?
- (D) What is Electronic Software Distribution (ESD) ?
- (E) What do you understand by Device Drivers ?
- (F) Explain the concept of cache memory.
- (G) What do you mean by registers ?

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- (H) What do you understand by Digital Signature ?
- (I) What is pointing device ? Explain its use giving examples.
- (J) What do you understand by Key Logger ?

Section—B

(Long Answer Type Questions)

Note : Attempt any *two* questions. Each question carries 10 marks.

- 2. Discuss the various computer generations along with the key characteristics of each generation.
- 3. What is an operating system ? Explain the various functions and types of operating system.
- 4. What are the types of memories available in the computer system ? How are they organized in the hierarchy ?
- 5. Differentiate between Hierarchical, Relational and Network database model.
 - (a) Write down the advantages and disadvantages of optical fiber.
 - (b) Explain the *three* basic switching techniques used in computer network.

Section—C

(Long Answer Type Questions)

Note : Attempt any *two* questions. Each question carries 10 marks.

- 6. What do you understand by System Software ? Differentiate between System Software, Application Software and Utility Software.

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- 7. (a) What are search engines ? Explain the functioning of search engines on Internet.
 - (b) Differentiate algorithm and flow chart. Explain with suitable examples.
- 8. What do you understand by Programming Language ? Differentiate between Machine Language and Assembly Language.
- 9. What is Web ? What do you mean by web security ? Discuss the goals of web attackers.

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