

Roll No.

BBA-506(N)

B. B. A. (Fifth Semester)
EXAMINATION, Dec., 2014
(New Course)

Paper Sixth

FUNDAMENTALS OF COMPUTERS

Time : Three Hours]

[Maximum Marks : 70

Note : Question No. 1 of Section A is compulsory. Attempt *two* questions from Section 'B' and *two* questions from Section 'C'.

Section—A

3 each

(Short Answer Type Questions)

1. (a) Differentiate between sequential and direct access devices.
- (b) Differentiate between static and dynamic RAM.
- (c) What are utility software ? Where are they used ?
- (d) Differentiate between windows and DOS operating system.
- (e) What do you understand by Algorithm ?
- (f) Explain the concept of cache memory.
- (g) What do you mean by registers ?
- (h) Discuss the concept of search engines.

[2]

- (i) Differentiate between Interpreter and Compiler.
- (j) What do you understand by computer virus ?

Section—B

10 each

(Long Answer Type Questions)

- 2. What is an operating system ? Explain the various functions and types of operating system.
- 3. What is the difference between memory and storage ? Why do we require both to function properly ?
- 4. Discuss the various computer generations along with the key characteristics of each generation.
- 5. What is a speech recognition system ? Explain its types and give logical reasons. Why do currently available speech recognition devices have limited success ?

Section—C

10 each

(Long Answer Type Questions)

- 6. What do you understand by software ? Differentiate between System Software, Application Software and Utility Software.
- 7. (a) What is e-Mail ? Explain method of sending and receiving e-Mail through internet.
(b) What do you mean by networks ? Explain various types of networks with suitable examples.
- 8. Explain the features of a good programming language. Differentiate between High-Level and Low Level language.
- 9. Explain the concept of Internet. Discuss TCP/IP and its all layers.

BBA-506(N)

1700