

**BV (1)/FC-1.2/16 (C)**

**B.Voc First Semester Exam., 2016**

**FUNDAMENTALS OF COMPUTER**

Paper : G-1.2

Full Marks : 40

Time : 2 hours

*The figures in the margin indicate full marks  
for the questions*

1. Answer very briefly as directed :  $1 \times 5 = 5$
- (a) The brain of a computer is known as \_\_\_\_\_  
(Fill in the blank)
  - (b) Name the earliest calculating device.
  - (c) Write the full form of HTTP.
  - (d) What is Firewall?
  - (e) The term computer is derived from the word \_\_\_\_\_  
(Fill in the blank)
2. Answer any *five* of the following :  $2 \times 5 = 10$
- (a) What are the main functions of a computer?
  - (b) What do you mean by peripheral devices?
  - (c) Define operating system.

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*( Turn Over )*

(d) Differentiate between volatile memory and non-volatile memory.

(e) What do you mean by computer network?

(f) What are the basic functional units of a computer?

(g) How are computers important to communication?

3. Answer any three of the following questions :  
5×3=15

(a) Differentiate between hardware and software.

(b) Briefly describe the generations of computer.

(c) Explain different categories of network.

(d) Briefly explain different types of input and output devices.

(e) Define the following :

(i) Hub

(ii) Switch

(iii) Router

(iv) Repeater

(v) Bridge

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( Continued )

4. Answer any one of the following questions : 10

(a) Draw the block diagram of a computer and explain its different units elaborately.

(b) Neatly draw a motherboard and explain each component.

(c) Describe briefly the classifications of a computer by its function, size and capacity.

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