

**CS/BBA (H) BIRM/BSCM/SEM-1/BBA-106/2012-13**

**2012**

**COMPUTER APPLICATIONS-1**

*Time Allotted : 3 Hours*

*Full Marks : 70*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :

10 × 1 = 10

- i) Assembler converts \_\_\_\_\_ to \_\_\_\_\_
- a) Machine language to Assembly language.
  - b) Assembly language to High level language
  - c) Assembly language to fourth generation language
  - d) Assembly language to Machine language.a
- ii) The base of hexadecimal number system is \_\_\_\_\_
- a) 61 b) 16
  - c) 161 d) 116.
- iii) \_\_\_\_\_ is not a point and draw device.
- a) Mouse b) Keyboard
  - c) Light pen d) Joystick.
- iv) \_\_\_\_\_ is an application software.
- a) Operating system b) Linker
  - c) Word processor d) None of these.
- v) The task of an input interface is to convert \_\_\_\_\_ to \_\_\_\_\_.
- a) human readable data to binary form.
  - b) binary form to human readable form

- c) both a and b
- d) None of these.
- vi) \_\_\_\_\_ is/are non-volatile memory.
- a) RAM b) Hard disk
- c) CD d) both b and c.
- vii) Walkie Talkie is an example of \_\_\_\_\_
- a) simplex transmission
- b) half duplex transmission
- c) full duplex transmission
- d) None of these.
- viii) VLSI is \_\_\_\_\_
- a) Versatility Large Scale Integration
- b) Very Large Scope Integration
- c) Very Large Scale Integration
- d) Very Large Scale Information.
- ix) RISC and CISC are types of \_\_\_\_\_
- a) Momory b) Processors
- c) Input device d) Output device.
- x) Vacuum tubes were used in \_\_\_\_\_ generation of computers.
- a) first b) second
- c) third d) fourth.

### **GROUP – B**

#### **( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

2. What is a Mouse ? Identify the five essential techniques for using a mouse.
3. Explain the various components of CPU with the help of a sketch diagram.

4. Explain the principle and working of laser printers.

5. Differentiate between RAM and ROM

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

6. a) What is operating system ? Give some examples. Write down the function of operating system. 10

b) Compare System Software vs Application software. 5

7 a) Explain the instruction cycle. 5

b) What are CPU registers ? Mention any two registers along with their functions. 5

c) What is Cache Memory ? 5

8. a) Differentiate between soft copy and hard copy output. 5

b) What is printer ? Explain the different types of printer.

10

9. a) Draw the block diagram of 'Basic computer Organization'. 6

b) Write a short note on CPU, Input Unit and Output Unit.

9

10. Write short notes on any three :  $3 \times 5 = 15$

a) Transmission modes.

b) Algorithm

c) Language translators.

d) Multimedia.

e) ROM.