



MBD-003-004103

Seat No. _____

B. Sc. (I.T.) (Sem. I) (CBCS) Examination

November / December – 2016

CS - 03 : Foundation in Information Technology

(Old Course)

Faculty Code : 003

Subject Code : 004103

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Attempt Following : 20

- (1) A complete Microcomputer system includes?
- (2) What is Byte?
- (3) Why computers are called automatic machines?
- (4) When was the first computer developed? What is the name of that computer?
- (5) What is another name of Mark I?
- (6) Why Charles Babbage called father of computers?
- (7) What are the basic characteristics of First generation of computers?
- (8) Discuss the problems of first generation computers.
- (9) When was Transistors invented and by whom?
- (10) Define Hardware.
- (11) What is computer network?
- (12) What is the use of HTTP?
- (13) What kind of device is Monitor?
- (14) What is OCR?
- (15) Two types of commonly used printers are?
- (16) Write name of different computer storage device.
- (17) What is the name of the first Computer Network?
- (18) To set up Internet what do you need?
- (19) What is a dial-up connection?
- (20) What are the protocols required to send and receive emails?

- 2** [a] Attempt any three : **6**
- (1) Define Web Page.
 - (2) Explain Table Tag.
 - (3) Explain List Tag.
 - (4) Draw Block Diagram of Computer.
 - (5) Define ALU.
 - (6) List out Programming Languages and explain in detail.
- [b] Attempt any three : **9**
- (1) Explain types of Number System.
 - (2) Explain Operating System.
 - (3) Convert Decimal Number: 29_{10} to Binary.
 - (4) Explain PROM and EPROM.
 - (5) Explain OMR and MICR.
 - (6) Explain what is Information.
- [c] Attempt any two : **10**
- (1) Explain types of Software.
 - (2) Define generation of Computers.
 - (3) Explain Web Search Engine.
 - (4) Explain types of Ports in detail.
 - (5) Write notes on Printers.
- 3** [a] Attempt any three : **6**
- (1) Define Web Site
 - (2) Explain types of Memory.
 - (3) Explain characteristics of computer.
 - (4) Explain types of Memory slots.
 - (5) Explain types of Magnetic Storage Devices.
 - (6) Explain Web Browser.
- [b] Attempt any three : **9**
- (1) What is HTML?
 - (2) Differentiate between Compiler and Interpreter.
 - (3) Explain ROM.
 - (4) Explain about Magnetic Disk.
 - (5) Explain about Assembler.
 - (6) Explain about E-mail.

[c] Attempt any two :

10

- (1) Explain a brief history of MS DOS.
- (2) Explain TCP/IP in detail.
- (3) Write short note on VDU.
- (4) Attempt following:
 - (1) Convert Binary Number : 111012 to Decimal
 - (2) Convert Octal Number : 258 to Decimal
 - (3) Convert Hexadecimal Number : 1116 to Decimal.
 - (4) Convert Hexadecimal Number : 1416 to Binary.
 - (5) Convert Binary Number: 101012 to Hexadecimal.
- (5) Explain a brief history of Windows System.
