

[Time: 2.30 Hours]**[Total Marks: 75]**

- Note:** 1) All questions are compulsory.
 2) Figures to the right indicate full marks.
 3) Make use of diagrams wherever necessary.

1 A. Fill in the blanks (any 8)**[8 marks]**

- i) URL stands for _____
- ii) _____ generation computers used vacuum tubes as an electronic component
- iii) _____ memory is temporary or volatile
- iv) MICR stands for _____
- v) Keyboards use _____ layouts
- vi) _____ printer is a circular wheel
- vii) _____ printers use electro-mechanical mechanism
- viii) TLD stands for _____
- ix) www has its own protocol known as _____
- x) Typing $= (5+5) * 4 / 2$ in a cell of Excel will result in _____

1 B. State whether True or False (any 7)**[7 marks]**

- i) www stands for word wide web
- ii) Internet is a computer network made up of thousands of networks sharing resources worldwide
- iii) eBay is an example of B2C model
- iv) Third generation computers used transistors as an electronic component
- v) Hardware are parts which you can see and touch
- vi) Processor is called as the brain of the computer
- vii) People are the computer operators or users
- viii) Language C and COBOL was used in second generation computers
- ix) OMR stands for Online Mark Reader
- x) Typing $= (8+8) / 8 * 2$ will result in giving a value 1.

2.**(a) What are computers? What are the characteristics of computers?****[8 marks]****(b) Explain the different parts of a computer in detail****[7 marks]****OR****(p) Explain the evolution of computers****[8 marks]****(q) Explain the types of computers****[7 marks]****3.****(a) Explain computer generations.****[8 marks]****(b) What are computer ports? Explain the various types of ports.****[7 marks]**

OR

- (p) What are the different types of non-impact printers? [8 marks]
(q) What is a computer bus? Explain the various types of computer buses? [7 marks]

4.

- (a) What is E-Commerce? Explain the various types of E-Commerce. [8 marks]
(b) Give solutions for the following problems. [7 marks]
 (i) The computer won't print
 (ii) The computer is frozen

OR

- (p) Explain intranet, internet and extranet. What are the various types of internet connections? [8 marks]
(q) What is software? Explain the various types of software. [7 marks]

5.

- (a) Explain mathematical operators in Excel and their order of operations. [8 marks]
(b) Give solutions for the following problems. [7 marks]
 (i) All programs on the computer run slowly
 (ii) The mouse / keyboard has stopped working

OR

Write short notes on (any 3) [15 marks]

- (a) Different kinds of memories in computers
(b) Search engines
(c) Relative and Absolute cell referencing
(d) SUMIF and SUMIFS functions
(e) Boolean Search