

Paper Computer Science Class 9th 2012

Faisalabad Borad

Time : 15 Min

Objective Type

Total Marks : 10

Note:- You have four choices for each objective type question as A,B,C and D. The choice which you think is correct; fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

| S # | Questions | A | B | C | D |
|-----|--|-------------------|----------------------|-------------------|-------------------|
| 1 | Which binary number is equivalent to decimal 10? | 1000 | 1100 | 1010 | 1001 |
| 2 | What is the size of a standard floppy disc? | $4\frac{1}{2}$ | $2\frac{1}{2}$ | $3\frac{1}{2}$ | $5\frac{1}{2}$ |
| 3 | Which mouse button is used to view file or folder properties? | Left button | Scroll wheel | Right Button | Double click |
| 4 | Which system bus transport control signals? | Data bus | Control bus | Address bus | System bus |
| 5 | Who converts high level language programme into machine code? | User | Programmer | Assembler | Compiler |
| 6 | When a file or folder is deleted, it is sent to ; | Recycle bin | My Document | Internet explorer | Window explorer |
| 7 | Programmer that detect virus and remove from computer is called; | Virus | Anti virus | Macintosh | Internet explorer |
| 8 | Operating system is called: | Computer hardware | Application software | System software | Memory |
| 9 | Interface used by DOS is called: | Menu interface | Command interface | Design interface | System interface |
| 10 | $x+y = y+x$ is representation of the; | Associative law | Conductive law | Commutative law | Distributive law |

Marks : 40

☆ Subjective (Part-I) ☆

Time: 01:45

2. Write short answers of any FOUR parts. (4 × 2 = 8)
- (i) What is mnemonics? (ii) What is the role of computer in distance learning?
(iii) Write the use of USB port. (iv) What is system unit?

- (v) What is the use of OCR software? (vi) LCD and CRT stands for what?

3. Write short answers of any FOUR parts. (4 × 2 = 8)

- (i) What is the difference between primary and secondary memory?

- (ii) Convert $(97)_{10}$ into octal number system.

- (iii) How we can find 1's complement of binary number?

- (iv) What is unicode? (v) Make truth table of $\overline{x+y}$.

- (vi) Express the function $f(x,y) = x + \overline{x}y$ in the form of K-map.

4. Write short answers of any FOUR parts. (4 × 2 = 8)

- (i) Define software. (ii) What is DOS?

- (iii) Why is a file extension attached with file? (iv) How virus is activated?

- (v) What is the use of antivirus programme?

- (vi) What are the steps for changing desktop background?

☆ Subjective (Part-II) ☆

Attempt any two Questions. Each question has (8 × 2 = 16) marks.

5. What is system bus? Differentiate between data bus, address bus and control bus. 8

6. What is difference between data and information? Explain the types of data. 8

7. Convert $(1C2)_{16}$ into binary, octal and decimal number. 8