

# Rawalpindi Board 2018

## Class 9<sup>th</sup>

### Computer Science

#### Group - I

1. **The fifth generation computer use:**
  - a. Vacuum tubes
  - b. Artificial intelligence
  - c. Transistors
  - d. Microprocessors
2. **The lowest level of programming language is:**
  - a. Java
  - b. Machine language
  - c. Pascal
  - d. Cobal
3. **The system Bus is used to connect:**
  - a. CPU
  - b. Memory
  - c. I/O device
  - d. All these
4. **Which one of the following is an output device?**
  - a. Keyboard
  - b. Mouse
  - c. Monitor
  - d. joystick
5. **1TB of  $(15)_{10}$  is:**
  - a.  $2^{10}$  bytes
  - b.  $2^{20}$  bytes
  - c.  $2^{30}$  bytes
  - d.  $2^{40}$  bytes

6. Binary of  $(15)_{10}$  is:
  - a. 1011
  - b. 1110
  - c. 0111
  - d. 1111
7. Boolean Algebra was developed in:
  - a. 1940
  - b. 1915
  - c. 1847
  - d. 1840
8. MKDIR command:
  - a. Makes directory
  - b. Removes directory
  - c. Copies files
  - d. Deletes files
9. The extension of Microsoft excel document is:
  - a. .doc
  - b. .xls
  - c. .ppt
  - d. .bmp
10. A special program that can detect and remove viruses from computer is called.
  - a. Operating system
  - b. Antivirus
  - c. Virus
  - d. Browser

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### Computer Science

#### Group - II

1. **The first electronic digital computer was:**
  - a. ENIAC
  - b. Mark-1
  - c. UNIVAC
  - d. Abacus
2. **Who introduced java?**
  - a. IBM
  - b. Sun system
  - c. Microsoft
  - d. Hewlett
3. **Magnetic tape is a \_\_\_\_\_ device.**
  - a. Communication
  - b. Disk
  - c. Storage
  - d. Processing
4. **The number of pixels on the screen is called.**
  - a. Soft copy
  - b. Resolution
  - c. Picture quality
  - d. Hard copy
5. **How many bits are there in one byte?**
  - a. 1
  - b. 2
  - c. 4
  - d. 8

6. **The 1's complement of 1111 is:**
- a. 1001
  - b. 0000
  - c. 1000
  - d. 0001
7. **OR operator of Boolean Algebra is represented by:**
- a. -
  - b. /
  - c. \*
  - d. +
8. **The extension of a batch file is:**
- a. .EXE
  - b. .Bat
  - c. .Com
  - d. .ppt
9. **For what a shortcut may be created?**
- a. Application
  - b. Folder
  - c. Driver
  - d. All these
10. **The example of antivirus program is:**
- a. Panda
  - b. AVG
  - c. Mcafee
  - d. All these

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### Computer Science

#### Group - I

**Q # 2: Write short answers to any FOUR (4) questions:**

- i. What was Von-Neuman theory?
- ii. What do you know about ENIAC?
- iii. What is meant by program?
- iv. What is input unit?
- v. Define main memory.
- vi. What is system bus?

**Q # 3: Write short answers to any FOUR (4) questions:**

- i. Describe function keys of keyboard.
- ii. What is resolution?
- iii. What is meant by Data?
- iv. Describe Hexdecimal number system.
- v. What is meant by literal?
- vi. What is called proposition?

**Q # 4: Write short answers to any FOUR (4) questions:**

- i. What is meant by rotational Delay?
- ii. Write down two characteristics of RAM.
- iii. Define command line interface.
- iv. What is language Translator?
- v. Define computer virus.
- vi. What is meant by file extension?

#### Part-II

**Note: Attempt any two Questions.**

Q 5: Explain the different types of computers in detail.

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Q 6: Write a note on Dot Matrix and line printers.

Q 7: By using truth table find the value of Boolean expression.

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### Computer Science

#### Group - II

**Q # 2: Write short answers to any FOUR (4) questions:**

- i. State the use of digital computer.
- ii. Describe the role of Charless Babbage in development of computer.
- iii. Write any two design principles of Basic language.
- iv. What is meant by EDP?
- v. Describe the use of application software.
- vi. State the use of input unit

**Q # 3: Write short answers to any FOUR (4) questions:**

- i. Define disk drive.
- ii. Write a brief note on plotter.
- iii. Subtract 10111110-01011101.
- iv. Write about ASCII conding scheme.
- v. What is Boolean Algebra?
- vi. What is meant by AND operation?

**Q # 4: Write short answers to any FOUR (4) questions:**

- i. What is meant by formatting?
- ii. Differentiate between bit and byte.
- iii. Differentiate between copy and xcopy command.
- iv. Define external command.
- v. What is computer virus?
- vi. Explain multitasking.

#### Part-II

**Note: Attempt any two Questions.**

Q 5: Explain any two generations of computer. 8

Q 6: What is ROM? Write its types in detail. 8

Q 7: Solve by using truth table.  $x\bar{y} + \bar{x}y$

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