

**DELHI PUBLIC SCHOOL JAMMU**

**SESSION: 2018-19**

**Class-XI**

**Assignment For Cycle Test-I**

**Sub- Computer**

**Topic:**

- **Computer Overview**
- **Working with Operating System**
- **Data Representation**
- **Microprocessor Basics: Input, Output and Memory Devices**

Q1. Why binary language is often termed s machine language? Why is machine language required?

Q2. Give example for each of system software and application software. Explain the function of each type.

Q3. What is the function of memory? What are its measuring units?

Q4. What are the three types of computers? How do they differ?

Q5. What is meant by the terms multiprogramming and multitasking?

Q6. What functions are performed by an operating system as a resource manager?

Q7. The operating system is called a resource manager. List four distinct resources of the computer system. What are the general functions that the OS performs for these resources?

Q8. Conversions:

- a)  $72905_{10}$  to hexadecimal.
- b)  $EB4A_{16}$  to decimal
- c)  $FACE_{16}$  to binary.
- d)  $11111011110101_2$  to Octal.

Q9. What are different types of computer monitors?

Q10. What are the two categories of printers? Which types of printers are more speedy?

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