

**St. Mary's School, Dwarka**  
**Holiday Homework**  
**Class XI**  
**Subject- Informatics Practices**  
**Week 3**  
**Worksheet 3**

**Computer and its Functioning**

**No. of questions: 10**

**M.M. 25**

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|-----|--|---|
| Q1. | Which part interprets program instructions and initiate control operations?  | 1 |
| Q2. | Define primary memory.   | 1 |
| Q3  | What is RAM? Why it is called as volatile memory?  | 1 |
| Q4  | Expand EEPROM  | 1 |
| Q5  | What is the difference between data and information?   | 2 |
| Q6  | Mention any two limitations or weaknesses of a computer.   | 2 |
| Q7  | What is booting? What are the types of booting?  | 3 |
| Q8  | What are the basic units of computer? Give two names of sub-units of CPU and also give the functions of each unit. | 4 |
| Q9  | <b>Do as directed:</b>   | 5 |
|     | (a) Convert Decimal number 78451 to its Binary equivalent.   |   |
|     | (b) Convert Binary number 101101001 to its decimal equivalent.   |   |
|     | (c) Convert Octal number 32170 into its Binary equivalent.   |   |
|     | (d) Convert Hexadecimal number ACE34 into its decimal equivalent.  |   |
|     | (e) Convert Binary number 11100000111 to its hexadecimal equivalent.   |   |
| Q10 | Write about Android operating system.  | 5 |