GREENLAWNS SCHOOL, WORLI

Terminal Examination 2019

COMPUTERS

STD: VII Marks: 80

DATE: 16.09.2019 TIME: 2 hrs.

**Instructions:**

1. All questions are compulsory.
2. All questions carry equal marks.
3. Write only answers with proper sub-question numbers.
4. Only first attempt will be evaluated for objectives.
5. Figures to the right indicate full marks.

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**Q1. Fill in the blanks: [5]**

1. The currently selected cell is known as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_can be worn around your wrist.
3. The \_\_\_\_\_\_\_\_\_\_\_\_\_uses digits (0, 1, 2, 3, 4, 5, 6, 7) and has the base 8.
4. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ hides in the boot sector of the hard disk.
5. \_\_\_\_\_\_\_\_\_\_\_\_ is formed by grouping together 4bits.

**Q2. Write true or false for the given statements; if false, write the correct**

 **statement. [5]**

1. Spyware refers to a variety of malicious programs.
2. The Least Significant Bit (LSB) is the bit position in a binary number having the greatest value.
3. Software is the intangible component of the computer system.
4. Spam refers to junk or unwanted e-mails.
5. Formatting tool can be used to format an Excel worksheet.

**Q3. Match the column: [5]**

|  |  |
| --- | --- |
| 1) 1024 PB | a) 1 yottabyte |
| 2) 1024 ZB | b) 1 exabyte |
| 3) 1024 YB | c) 1 geoptype |
| 4) 1024 brontobytes | d) 1 kilobyte |
| 5) 1024 bytes | e) 1 brontobyte |

**Q4. Expand the following: [5]**

1. PCB
2. SMPS
3. MMU
4. ROM
5. ALU

**1**

**Q5. Give two examples of each of the following:**

1. Impact printers **[2]**
2. Removable storage devices **[2]**
3. Motherboard **[2]**
4. Program Virus  **[2]**
5. Macro virus **[2]**

**Q6. Convert the following binary numbers to decimal numbers.**

1. $101.01\_{2}$ **[2]**
2. $110.11\_{2}$ **[2]**
3. $10101.01\_{2}$ **[2]**
4. $11010\_{2}$ **[2]**
5. $1111\_{2}$ **[2]**

**Q7. Convert the following decimal numbers to binary numbers.**

1. $35\_{10}$ **[2]**
2. $57.4\_{10}$ **[2]**
3. $63.5\_{10}$ **[2]**
4. $27.2\_{10}$ **[2]**
5. $26.3\_{10}$ **[2]**

**Q8. Define the following terms:**

1. RAM **[2]**
2. Microphone **[2]**
3. Projector **[2]**
4. Octal number system. **[2]**
5. Virus. **[2]**

**Q9. Answer the following question:**

1. What is spam? Write down the precaution to protect from spam. **[4]**
2. Explain the term hexadecimal number system. **[4]**
3. Write the differences between touchpad and touchscreen. **[4]**
4. Write down the steps to save a workbook. **[4]**
5. How does a computer virus infect? **[4]**

**2**