GREENLAWNS SCHOOL, WORLI

Terminal Examination 2018

COMPUTERS

Std: VII Marks: [80]

Date: 17/9/18 Time: [1½]

Q 1.a. Fill in the blanks with an appropriate word/ words.(Write only the answers) [6]

1. The _____ tells the _____ the way to perform a task.
2. Bit can have value _____ or _____
3. Powerful search engines enable us to get the _____ _____ quickly and easily.
4. Spam refers to the _____ or _____ emails.
5. The _____ _____ is used as an input device for playing computer games.
6. A webcam is used to take _____ and _____.

b. write the full form for the following [6]

1. VDU
2. WWW
3. MMU
4. DVD

c. Name the following (write only the answers) [4]

1. Device used to print graphs and charts
2. Device that can hold around 700MB data
3. Two program virus
4. Two macro virus
5. Two impact printers

Q2a. State whether the given devices are input, output, storage (write only the answers) [3]

1. Blu-ray disk
2. Touchpad
3. Plotter
4. Speaker
5. Microphone
6. Hard disk

b. Write the difference between the following with respect to the points given in the brackets: [6]

1. Internal hardware and external hardware (placement in the cpu)
2. MSB and LSB (value in binary number system)
3. Hackers and crackers(purpose)
4. Impact printers and Non-impact printers (speed and noise)
5. CD-R and CD-RW (recording)
6. Nibble and Byte (bits)

Q3. Define the following

1. Hardware [2]
2. Antivirus program [2]
3. Firewall [2]
4. Word [2]
5. Computer ethics [2]

Q4. Answer the following questions:

1. How does an anti-software virus work? [3]
2. Why internet is called a store house of information? [3]
3. What are the safety measures to be taken to avoid spam emails? [4]
4. Why is RAM also known as volatile memory? [3]
5. When do we call CPU a microprocessor? [2]

Q5. Write short notes on:

1. Any five symptoms of a virus infected computer [5]
2. Any five ethics in computing [5]
3. The safety measures to be taken while using a password [5]
4. Features of Hexa decimal number system [3]

Q6. Convert the following as per the instructions given below:

1. Binary number 10101_2 to decimal equivalent [3½]
2. Decimal number 43_{10} to binary equivalent [3½]
3. Decimal fraction 12.75_{10} to binary fraction [3]
4. Decimal fraction 0.375_{10} to binary equivalent [2]

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