

1st Term Worksheet

Subject – Computer Application

Class – VII

Name :	Sec. :
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Chapter – 2
[Number System – An Introduction]
[Exercises]

[A] Answer the following questions: [25-26]

1. Why computers use Binary number system?

Ans. _____

2. Why octal and Hexadecimal numbers used by computers?

Ans. _____

3. What is the base of Decimal, Binary, Octal and Hexadecimal number systems?

Ans. _____

4. Explain, the importance of place value in a number system.

Ans. _____

5. What is the formula to convert any base to Decimal?

Ans. _____

6. Name the most commonly used number systems.

Ans.

[B] Fill in the blanks: [26]

1. Computer can understand only two _____.
2. A series of eight bits makes a _____.
3. A byte of memory can store a decimal number in the range _____.
4. A computer uses a _____, which can have only two values : 0 and 1.
5. The positional value is based on the _____ of the number system's base value.

[C] Write 'True' or 'False': [26]

1. Computer understands only decimal numbers. _____
2. A series of eight bit makes a byte. _____
3. The order of the digits is significant, according, to which it carries the weight. _____
4. Understanding of number systems helps you in calculations. _____
5. There are five most common number systems. _____

[D] Choose the correct answers: [26]

1. A Computer can "talk" and understand in numbers, that too in only two numbers called _____ numbers.
i. binary ii. octal iii. hexadecimal
2. _____ and _____ numbers are a convenient way to represent binary numbers used by computers.
i. Octal, hexadecimal ii. Binary, Octal iii. Decimal, Octal
3. Decimal number has base _____.
i. 2 ii. 10 iii. 16
4. 15 in hexadecimal number is represented by _____.
i. A ii. E iii. F
5. A more compact representation is used by hexadecimal number, which groups _____ binary digits together.
i. 6 ii. 8 iii. 4

Chapter – 3
[Computer Virus]
[Exercises]

[A] Answer the following questions: [38]

1. Define Virus and Worms.

Ans.

2. Write a short note on different types of Viruses.

Ans.

3. Define Hackers and Crackers.

Ans.

4. How does a computer virus spread?

Ans.

5. How do you protect your computer against viruses?

Ans.

6. Name some popular antivirus softwares.

Ans.

7. How do you remove a virus from your computer?

Ans.

8. What is a sweeper?

Ans.

[B] Fill in the blanks: [39]

- 1. A Virus is a _____ program, that enters the computer system by attaching itself to another computer program.
- 2. Some viruses have a preset date and time at which they are _____.
- 3. Computer viruses are created by _____.
- 4. The people who write computer virus programs are _____ and _____.
- 5. Viruses become active when you start an _____ application.

[C] Write 'True' or 'False': [39]

- 1. Dr. Soloman's is a popular antivirus software. _____
- 2. Virus can infect monitor and keyboard. _____
- 3. Relax is a type of macros. _____
- 4. Computer virus do not spread from one computer to another. _____.
- 5. Sweeper is a fake antivirus program. _____

