

Summer Vacations Homework(2017-18)

Class –XI

Subject –Informatics Practices

Attempt all the questions in a separate holidays' homework notebook

Q1. Write full form of following :

MICR, OCR ,TB ,OMR ,PB , ALU, DMP,VDU

Q.2 Draw a labeled diagram of functional components of a computer.

Q.3.What function is performed by ALU and CU each.

Q.4. Compare compiler and interpreter.

Q.5 What is the basic function of memory? What is the measuring unit of memory?

Q.6 Arrange the following printers in terms of speed and performance:

Dot Matrix Printer , Laser printer, Desk jet printer

Q.7 Identify the input and the output devices :

Scanner, printer Bar code reader smart card reader, plotters, Screens web camera

Q.8 What is function of a web camera?

Q.9 What is address bus? What is data bus.

Q.10 Name the two types of computer memory. Also give two points of differences between the two.

Q.11 Name the system software which loads all the program ,coordinates the input and output devices .

Q.10. What is function of BIOS.

Q.11 Name some of the commonly used operating systems

Q.12 What is difference between compiler and interpreter?

Q.13 What is a word processor .Give examples.

Q.14 What are utility softwares. Give examples.

Q.15 What is compression utility.

Q.16. What is need of operating system .

Q.17 What are functions of operating system.

Q.18.What is device driver .What is need of it?

Q.19 What is backup utility.

Q.20 What is antivirus software ? Name any two .

Q.21 What is purpose of text editor? Name any two.

Q.22 What do you mean by presentation software. Give two examples.

Q.23 What do you mean by spreadsheet software. Give two examples.

Q.24 What is a communication bus?

Q.25 What is purpose of data bus. How many wires it has?

Q.26 What is purpose of address bus. How many wires it has?

Q.27 What is purpose of control bus. How many bits can it transmit ?

II Revise and learn chapters done in the class. Complete all the assignments given in the class .

Make a chart on the following topics(any one)

1. Types of software
2. Application software
3. System software
4. Types of customized application software
5. Operating system
6. Ports and types of ports
7. Communication bus and its type

Class –IX B (FOUNDATION OF IT)

Attempt all the questions in a separate holidays' homework notebook

Chapter 1 (section A onwards) Application based questions (page No. – 13 onwards) of Book "Foundation of Information technology" .

• Chapter 2 (section A onwards) Theory based questions (pg. No. 33 onwards) of Book "Foundation of Information Technology"

Read the chapter 3 TYPES OF SOFTWARES

Revise and learn chapters done in the class. Complete all the assignments given in the class .

MAKE CHART (any one as per roll no wise as discussed in the class)

1. Types of software
2. Application software
3. System software
4. Types of digital computers
5. Operating system

Class VIII B(COMPUTER)

Attempt all the questions in a separate holidays' homework notebook

1. Steps to make Online shopping with the help of diagram
2. What is VIRUS ? Types of virus? How to protect our computer from virus?
3. CHART to explain Types of wireless network?
4. Diagram of firewall on chart paper?
5. Revise and learn chapters done in the class. Complete all the assignments given in the class .

SAINIK SCHOOL NALANDA
SUMMER VACATION HOMEWORK
Session 2017-18

Subject: Computer

CLASS VI

ASSIGNMENT 1: Revise & Complete Ch1 and Ch2 Exercise Questions.

ASSIGNMENT 2: Complete the following Activities available on Page no-19 (Q1) and Page no-20 (Q2).

ASSIGNMENT 3: Do the Activity available on Page-no 41 (Q1).

CLASS VII

ASSIGNMENT 1: Revise & Complete Ch1 and Ch2 Exercise Questions.

ASSIGNMENT 2: Prepare Collage of different topologies.

ASSIGNMENT 3: Write advantages and disadvantages of the followings

- (a) Star Topology
- (b) Ring Topology
- (c) Bus Topology

ASSIGNMENT 4: Prepare a chart or Collage on Tags of HTML.

CLASS VIII A

ASSIGNMENT 1: Revise & Complete Ch1 and Ch2 Exercise Questions.

ASSIGNMENT 2: Browse Internet and Prepare notes on Social networking sites and its tools as well as names of ten (10) latest viruses.

ASSIGNMENT 3: Do the Activity available on Page-no 12 (Q1).

ASSIGNMENT 4: Do the Activity available on Page-no 20 (Q1).

ASSIGNMENT 5: Browse Internet on wireless Network and Prepare a Collage on different types of wireless networks.

CLASS IXA

ASSIGNMENT 1: Revise & Complete Ch1 and Ch2 Exercise Questions.

ASSIGNMENT 2: Solve Application Oriented Problems available on Page no-17 and Page no-18.

ASSIGNMENT 3: Difference between RAM and ROM.

ASSIGNMENT 4: Solve Application Oriented Problems available on Page no-35,36 and Page no-37.

CLASS X

ASSIGNMENT 1: Revise & Complete Ch1 and Ch2 Exercise Questions.

ASSIGNMENT 2: Solve Application Oriented Problems available on Page no-27 and Page no-28.

ASSIGNMENT 3: Solve Application Oriented Problems available on Page no-68 and Page no-69.

Happy & Safe vacations