

# KENDRIYA VIDYALAYA PANGODE

## UNIT TEST 1

### INFORMATICS PRACTICES

Max. Marks: 40

Time: 1 ½ hrs.

- 1 Define each of the following: 2  
(a) Nibble (b) Byte (c) Kilo Byte (d) Giga Byte
- 2 Differentiate between the compiler and interpreter. 2
- 3 What is a computer virus? How can it affect your computer? 2
- 4 Expand the following terms : 2  
a) PDAs b) MICR c) DVD d) TFT
- 5 Suppose you want to scan your storage devices attached with your computer for virus infection. Suggest the type and name of the software. 1
- 6 Which is the latest Operating System by Microsoft and when is its release? 1
- 7 What is a Bluetooth? 1
- 8 What is the function of an OCR? 1
- 9 What are non-impact printers? 1
- 10 Write two characteristics of Random Access Memory. 2
- 11 Why BIOS is important for a computer? Give two reasons. 2
- 12 How Multi Processing Operating Systems is different from Multi Programming Operating Systems? 2
- 13 Write a short note on Firewall. 2
- 14 What is an Assembler? 1
- 15 What is the purpose of Ports in Computer? 1
- 16 What is Phishing? 1
- 17 How Backup Utility is useful in our computer? Is it necessary to take Backup of data? 2
- 18 What are different types of threats to Computer Security? 2
- 19 Define Cyber Law of India. 2
- 20 Distinguish between: 4  
a) Digital Signature and Digital Certificate  
b) Authentication and Authorization
- 21 Draw a block diagram of the main units of a computer hardware system. 6