**CLASS IX PAPER COMPUTER**

**SECTION A(12 marks)**

**A. ENCIRCLE THE CORRECT ANSWER:**

1.THE DEVICE THAT CONVERTS HARD COPY INTO SOFT COPY IS :

A) PRINTER B) PLOTTER C) SCANNER D) BARCODE READER

2. THE VOLATILE MEMORY

A) IS PERMANENT B) LOSES CONTENTS AS THE POWER IS DISCONNECT

C) POSSESSES LARGE STORAGE D) MANAGES HARDWARE RESOURCES

3. MEDIA PLAYERS ARE :

A) BUSINESS SOFTWARE B) EDUCATION SOFTWARE C) ENTERTAINMENT SOFTWARE D) PRODUCTIVITY SOFTWARE

4.THE PROGRAMS THAT ARE GENERALLY INSTALLED TO MANAGE AND MAINTAIN

OVERALL COMPUTER RESOURCES IS:

**A) OPERATING SYSTEM B) UTILITY PROGRAM C) LANGUAGE TRANSLATOR D) DEVICE DRIVER**5. MODERN LANGUAGES USE

A) COMPILER B) INTERPRETER C) CONVERTOR D) ASSEMBLER 6.CHANGE IN THE SHAPE OF SIGNAL BETWEEN SENDER AND RECEIVER IS CALLED: a)ATTENUATION B)INTERRUPTION C)NOISE D)DISTORTION

7.ROUTER DETERMINES DATA PATH TO TRANSFER DATA PACKETS WHICH IS THE: a)SHORTEST B)LONGEST C)CHEAPEST D)OPTIMAL

8.CONVERTING DIGITAL SIGNAL TO ANALOG IS CALLED

a)MODULATION B)MODIFICATION C)BANDWIDTH D)MULTIPLEXING

9.THE NUMBER OF BITS USED IN AN IPV 4 ADRESS ARE

a)16 B)32 C)64 D)128 10.THE LOSS OF ENERGY IN TRANSMISSION SIGNAL REFERS TO.

a)ATTENUATION B)DISTORTION C)NOISE D)JITTER

11.DOS is an example of

a.Real time processing OS b. multi processing OS c. single user OS d.multi user OS

12. The number of user(s) that can access the resources simultaneously on a multiuser OS is / are:

a. one b. two c. many d. only administrators

**SECTION B (DO ANY 10) 30 MARKS**

2.What is ABACUS?

3. What is Napier bone?

4.Write down a few lines about analytical engines?

5.Write a note on the fourth generation of computer?

6. Write down a few lines about motherboard?

7.Define buses and its types?

8.Discuss any two input devices ?

9.Discuss any two output devices?

10.Define operating system and interface?

11.Write a note on steps of installing windows?

12.Differentiate between analog signal and digital signal?

13. Differentiate between data rate and baud rate?

14.Define Guided media and Unguided media ?

**SECTION C (DO ANY 3) 18 MARKS**

15.Discuss any three generations of computer ?

16.Discuss the types of computer according to technology?

17.Discuss the microprocessor and its components?

18. Write a note on **Components of a Communication System ?**

19.Discuss any three functions of the operating system?