Preliminary Examination
Class IX Computer

<u>SECTION A</u>

Q1. Choose the right answer. (12)

1. Computer cannot start without:
   a) Operating system   b) Utility programs   c) Device Drivers   d) Business Software.

2. In which operating system jobs are executed in groups?
   a) Batch Processing   b) Time sharing   c) Single user   d) Real time.

3. The operating system that allows frequent switching from one task to another is:
   a) Batch processing   b) Real time processing   c) Single user   d) Time sharing

4. If we want to change the overall design of a word document, we should use:
   a) Themes   b) Page layout   c) watermark   d) Margins

5. Both physical and logical addresses are:
   a) Different   b) Unique   c) Permanent   d) Temporary

6. Changes in the shapes of signal between sender and receiver is called:
   a) Attenuation   b) Interruption   c) Noise d) Distortion

7. Wired media is also called:
   a) Targeted media   b) Directed media   c) Guided media   d) Unguided media

8. The loss of energy in transmission signal refer to:
   a) Attenuation   b) Distortion   c) Noise d) Jitter

9. Through which virus spreads:
   a) Email attachments   b) internet downloads   c) Flash disks and   d) All of them

10. The tag used to define the tittles caption of the web browser is:
    a) <t heads>   b) <Heads>   c) <Tittles>   d) <H1>

11. A field that stores the names of students should be defined as:
    a) Integer   b) Float   c) string d) Boolean

12. Data redundancy means:
    a) Duplication of data   b) Variety of data   c) Size of data   d) Data type

SECTION B

Note: Answer any 8 questions from this section. (24)

Q2. Discuss impact and non-impact printers with examples.

Q3. Write the uses of these storage devices: Hard Disk, USB Flash Disk, SD Card.

Q4. Define Operating system. Give three examples of operating systems.

Q5. Write a short note on MS WORD and MS EXCEL.

Q6. Write three examples of LAN, WAN, MAN.

Q7. How can we measure bit rate and baud rates? Give an Example of each.

Q8. What is Ethical hacking?

Q9. Give two examples of phishing.

Q10. Differentiate between web hosting and web server.

Q11. Write down the full forms of the following:

    a. DBMS   b. ERM c. HTML   d. WWW   e. NIC

SECTION C

Note: Attempt any four of the following in detail. (24)

Q12. Describe the mechanical Era of computer evolution.

Q13. Describe the types of operating system.

Q14. Describe merits and demerits of different topologies of network.

Q15. Describe the different types of Malwares.

Q16. Differentiate between <head> <tittles> and <h1> to <h6> tags.

Q17. Explain entities and relationship with examples.