BALOCHISTAN BOARD OF INTERMEDIATE & SECONDARY EDUCATION, QUETTA

TIME: 2 HOUR, 40 MINUTES **SSC-I (*Model Paper*)** **MARKS: 60**

Computer – 9th

(PART – A)

Q.1: Choose the correct answer. No cutting , ink remover , erasing or over writing is allowed. (12×1=12)

1. One of the fundamental concepts of any system is: (A) Size (B) Age (C) Objective (D) Price

2. Which of the following tag is used for paragraph? (A)
 (B) <p> (C) <h1> (D)

3. The first step in the design thinking process is: (A) Prototyping (B) Testing (C) Empathizing (D) Defining

4. An example of a digital technology used by modern entrepreneurs is:

(A) Newspaper advertisements (B) Television commercials (C) Mobile apps (D) Door-to-door sales

5. Why is it important to use strong, unique passwords? (A) To make your accounts easy to hack (B) To help others guess your password

(C) To make it harder for someone to guess your password and access your accounts (D) To avoid installing software updates

6. Which tool is specifically designed for creating detailed and interactive visualizations?

(A) Microsoft Excel (B) Google Sheets (C) Tableau (D) PowerPoint

7. What is data? (A) Processed information (B) Raw facts gathered about things(C) A collection of numbers only (D) A list of observed events

8. What is the first step in the data science process?(A) Data Cleaning (B) Data Analysis (C) Data Collection(D) Understanding the problem

9. In HTML, which markup is used for comments? (A) // *(B) /--/ (C) <!-- *(D) <!-- -->**

10. Which of the following is a principle of computational thinking?

(A) Ignoring problem understanding (B) Problem simplification (C) Avoiding solution design (D) Implementing random solutions

11. The function of the Domain Name System (DNS) is to:

(A) Assign IP addresses dynamically (B) Translate domain names to IP addresses (C) Secure data communication(D) Monitor network traffic

12. After implementing a solution, what is the next step in the troubleshooting process?

(A) Document Findings, Actions, and Outcomes (B) Test the Theory to Determine the Cause

(C) Verify Full System Functionality (D) Establish a Plan of Action

13. How many bytes are used to store a typical integer? (A) 1 byte (B) 2 bytes (C) 4 bytes (D) 8 bytes

14. Which software is used to enhance system performance and security?

(A) Operating system (B) Utility software (C) Application Software (D) Device Drivers.

(PART – B)

Q.2, Attempt any 10 questions. (10×3=30)

1) Difference between a website and a web application. **2)** Differentiate between nominal and ordinal data? **3)** List some applications of AI? **4)** What is an Operating System? **5)** How Does the Processor perform its operations? **6)** Differentiate between LAN and WAN? **7)** what makes big data valuable? **8)** What does HTML means? **9)** Identify the key benefits of Mobil Technology? **10)** How does the Internet work? **11)** What is cloud computing? **12)** Define Software? **13)** What do you know about Cache memory? **14)** Inside which HTML element de we put the JavaScript? **15)** What is the importance of computer laws?

(PART – C)

Attempt all Questions (Each question from the given alternatives separated by "OR"). (3×6=18)

Q3. Define the social networking. Discuss the positive and negative impact of social networking?

OR explain in details, different type of computers Networks?

Q4. What is problem solving methods and how can they be defined and described?

OR describe the main operations of an Operating System?

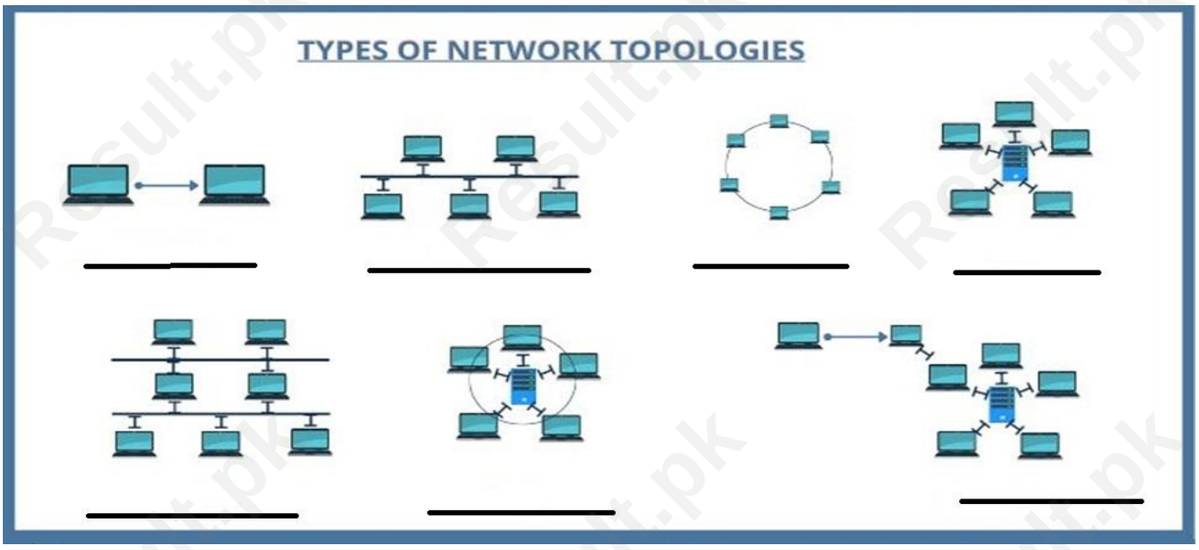
Q5. Describe in details, what are the main benefits of using JavaScript?

OR Define data storage. How can retrieve stored data?

Practical Based Assessment (8 Marks) *TIME: 20 MINUTES*

Q 6. Attempt any two questions each question carries equal marks. Marks: (2x3=6)

1. Observe the given information and answer about the physical and chemical changes? (03)

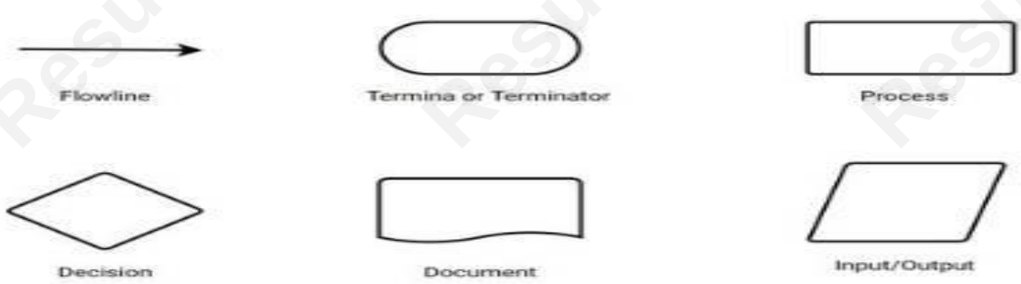


A) Identify any three of network topologies? (01)
B) Explain one network topology? (01)
C) Which one is most commonly use? (01)

2. Identify the Computer Devices? (03)

A) Write nae of three Output Devices? (01)
B) Write name of Three Input Devices? (01)
C) Which device performed bout input and output (01)

3. Use the given data and suggest the techniques for separation and name the symbol? (03)



A) What is the function of Decision symbol? (01)
B) What is the function of Process? (01)
C) Name of the all symbols are? (01)

Q 7. Pen down One of your favourite practical along with its program and application. (1+0.5+0.5=2)

Syllabus of Class 9th Subject Computer for Practical Based Assessment & Project Based Assessment 2026.

Practical Based Assessment (50% of Practical Marks) (6+2=8) Marks		Project Based Assessment (50% of Practical Marks) 07 Marks
1)	To know the Algorithm to Preparing the Fries.	***Prepare the scientific computer projects by use of Pictures, cardboard, formic sheets, and glazed paper.*** • Demonstration of Basic Functions of an Operating System. • Demonstration of Process Management and Multitasking. • Show in Diagram of File and Directory Management. • Draw a Table of Different Types of Operating Systems. • Demonstration of Device and Network Management. • Identify different type of Operating system in Daily life. • Any other your favorite project/model related to the content of 9th grade. ***Note: Along with the awarded marks, complete explanation of the project by the students, dually verified by the school, shall be sent to the board.***
2)	Make an Algorithm to Making Tea.	
3)	Writhe an Algorithm to Find the Area of Rectangle.	
4)	An Algorithm to Find the Area of Circle.	
5)	An Algorithm to Find the Grater Number Between Two Values.	
6)	An Algorithm to Find Wheater Number is Even or Odd.	
7)	Writhe an Algorithm to Print First Five Natural Numbers.	
8)	An Algorithm to Print the Sum of Given Numbers.	
9)	Writhe an Algorithm to Print Daily Timetable of School Boy.	
10)	Writhe an Algorithm to Represent the Process of Withdrawing Money from ATM. Also include steps for Inserting a Card, entering a PIN, Choosing an Amount, Checking Balance, and Dispensing Cash.	
11	*Any one of Student's Favorite Practical 2 marks*	