



# LGS GROUP OF COLLEGES

A PROJECT OF LAHORE GRAMMAR SCHOOL

Sheet # \_\_\_\_\_

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Subject: Computer Science (Assignment) Test No. Week Date: 21-11-2024

A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	Marks Obtained			
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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## Subjective type

### Question - 2

(i)  
**Password;**

Password is a secret word to protect a computer system or program. It may consist of numbers alphabets or both. The user has to type the password to access computer.

(ii)  
**Computer Virus;**

A computer virus can damage data or software on the computer. It can delete some or all files on the computer system. It can destroy all data formatting hard drive. It may display a political or false message every few times.



## (iv) Reasons of Data loss

- Before saving files if the computer runs out of battery the data will be lost.
- Any kind of software virus can affect the data from its memory.
- Accidental deletion can lead to data loss.

## (iii)

### Infected File

A file that contains malicious code and has not had executed its harmful actions.

It can spread to other files if accessed or copied.

for example: Word document.

### Activated File

An infected file that has been executed, causing the malicious code.

It directly impacts the system by executing its malicious payload.

for example; A Trojan.





(v)

### Intentional Security Threats

- a hacker can delete data on a computer.
- An angry employee of the organization can delete data.

### Unintentional Security Threats.

- an authorization user of data may delete or change the sensitive data accidentally.
- Sudden power failure can also cause data loss.