



**BANGLADESH INTERNATIONAL TUTORIAL  
SENIOR SCHOOL, UTTARA  
SESSION: 2019 – 2020**

Worksheet for class IX  
Read the book and try to solve the problem

1. a) Which **one** of these is used to control internet traffic entering a network? (1)

I. Server

II. Backup

III. Firewall

IV. Encryption

b) State the purpose of pharming and phishing. (1)

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c) List **three** pieces of data from a bank card that a user is asked to enter when making an online payment. (3)

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d) State **two** methods used by an online to authenticate a user. (2)

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e) Explain **one** disadvantage of using online storage for backups rather than local storage. (2)

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2. a) State two benefits to employees of working from home. (2)

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b) State three factors that affect unequal access to ICT. (3)

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c) Describe the effects of the internet on the information gap. (2)

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d) Describe four ways in which individuals can stay safe online. (4)

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3. a) State four ways in which students can use the features of VLEs to support their learning. (4)

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4. a) Explain why free software licences have helped to reduce the digital divide. (2)

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b) State three types of digital information that can be protected by copyright. (3)

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c) Explain why the large-scale use of online storage and application can have a negative effect on the environment. (4)

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d. State one benefit to individuals of having their location monitored. (1)

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5. a) Which one of these is used to match a full phrase in a search? (1)

i) +

ii) -

iii) @

iv) ""

b) State one reason why you should check whether information is biased before using it. (1)

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c) Complete the table stating whether each source is **primary** or **secondary**. (8)

SOURCE	PRIMARY?	SECONDARY?
A podcast that you have created		
A video of a discussion that you have with an expert		
Your own copy of a film		
Notes that you take while visiting a museum		
A book that you borrow from someone		
An image that you download from the internet		
Your own recording of a radio broadcast		



5. State **three** examples of data that can be stored in cookies. [3]

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6. Which one of these is used to store hosted application [1]

- a) Laptop
- b) Smart watch
- c) Server
- d) Tablet

7. State **three** benefits of using online data storage. [3]

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8. State **three** online services provided by cloud-based services. [3]

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