



Province of the
EASTERN CAPE
EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	21/04/20
TOPIC	Networks: Internet services	TERM 1 REVISION		TERM 2 CONTENT	✓

1. Multiple choice:

a. Which one of the following is not an example of FTP services?

Answer: D

b. Which one of the following is an example of instant messaging?

Answer: C

c. When you are in control of what you watch and when you want to watch it.

Answer: C

2. Matching items

Choose a term/concept from COLUMN B that matches the description in COLUMN A.

Write only the letter next to the question number.

Answer: 2.1 F 2.2 H 2.3 G 2.4 D 2.5 B

3. True or false statements

Indicate whether the following statements are TRUE or FALSE. Write 'true' or 'false' next to the question number.

Correct the statement if it is FALSE. Change the underlined word(s) to make the statement TRUE. You may not simply use the word 'NOT' to change the statement.

a. Netflix is more popular than M-Net.

Answer: True

b. ShowMax is an example of a streaming service.

Answer: True

c. Electronic payments give the user a free, simple and secure way to do their tax returns from home.

Answer: False – e-filing.

d. Instant messaging allows the user to make voice calls over the internet.

Answer: False – VoIP

4. Short and medium questions

Answer the following:

- a. What is the difference between cloud computing and grid computing?

Answer: Cloud computing is a type of service that allows the user to store information on the internet instead of on their own computer while grid computing is a method of increasing your processing power by using other computers' resources as your own.

- b. Explain e-filing and give one advantage thereof.

Answer: E-filing is a platform that allows the user to submit income tax returns online. This saves time you do not have to physically file your taxes at SARS.

- c. Why would people want government internet services and mention a government institution that makes use of the internet?

Answer: To save time by not having to go to the government offices and wait in line for service. SARS, elections website. There are other institutions not listed here.

- d. List four advantages, one disadvantage and three examples of instant messaging.

Answer: Any four advantages and one disadvantage

<i>Advantages</i>	<i>Disadvantages</i>
<i>Messages are free to send.</i>	<i>Messages are not always saved.</i>
<i>Messages are delivered immediately after being sent.</i>	<i>It is an informal method of communication and might not be suited for business related communications.</i>
<i>You can see if the message has been delivered.</i>	<i>There is a pressure to respond immediately as people can see when you read their message.</i>
<i>You can see when your message has been read.</i>	<i>Can be distracting as one message can lead to a whole conversation.</i>
<i>You can send a variety of messages, including text messages, pictures, videos, music and web links.</i>	<i>Low security, as IM services use a public network.</i>
<i>You can create group conversations in order to discuss a specific topic or plan events.</i>	

Any three but not limited to the following:

- *WhatsApp*
- *Telegram*
- *Google Hangouts*
- *Facebook Messenger*
- *iMessage*
- *WeChat.*
- *Slack.*

e. Give two examples of apps that makes use of the following internet services:

Answer:

<i>I. VoIP</i>	<i>WhatsApp, Google Hangouts, Discord</i>
<i>II. FTP</i>	<i>FileZilla, ProFTPd, WinSCP</i>
<i>III. Cloud computing and grid computing</i>	<i>Google Gmail, Google Maps</i>
<i>IV. Cloud-based file sharing</i>	<i>Dropbox, MediaFire, Google Drive, iCloud</i>
<i>V. Streaming</i>	<i>YouTube, Twitch, Netflix, Showmax</i>

Note to Teacher: The examples are not limited to the few tabulated above.