



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET 38

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	2/6/20
TOPIC	INTERNET AND NETWORK TECHNOLOGIES: Revision	TERM 1 REVISION		TERM 4 CONTENT	✓

1	Router/Modem✓		(1)
2	<ul style="list-style-type: none"> • Speed of data transfer is slow • Range is limited (up to 100 m) • Limited number of devices can connect 	✓✓ (Any two)	(2)
3	<ul style="list-style-type: none"> • High bandwidth costs • Limited bandwidth/Uploads and downloads can take long • Cloud storage subscription fees/Limited space at no subscription • Security issues • Internet connection may be troublesome 	✓✓ (Any two)	(2)
4	<ul style="list-style-type: none"> • Wi-Fi/Wi-Max • NFC/RFID • Satellite • Bluetooth • 3G/LTE 	✓ (Any one)	(1)

5	<ul style="list-style-type: none"> • Connects two or more computers/devices in a network • Directs network traffic (data) efficiently <p style="text-align: right;">✓ (Any one)</p> <p><i>(Note to marker: Accept features of a managed (smart) switch that has to do with control or management of the network.)</i></p>		(1)
6	<ul style="list-style-type: none"> • Unable to edit a document • Unable to access a folder/data/files • Restriction on access to physical resources, e.g. Printers, flash drives, etc. • Cannot access the Internet/a particular website • Cannot make changes to system settings/Cannot perform administration tasks • Cannot install software <p style="text-align: right;">✓✓ (Any two)</p>		(2)
7	<ul style="list-style-type: none"> • Web browser • File management application/FTP program (e.g. Windows Explorer/File Manager) • Proprietary interface program <p style="text-align: right;">✓ (Any one)</p> <p><i>(Note to marker: Accept any suitable example of a program.)</i></p>		(1)
8.1	<p>Hangouts/Facetime/WhatsApp/Viber, etc.✓</p> <p><i>(Note to marker: Accept any suitable example of a program.)</i></p>		(1)

8.2	<ul style="list-style-type: none"> • Internet connection may not be reliable • Lack of bandwidth • Destination point may not have VOIP • Difficult for emergency services to trace origin of the call <p style="text-align: right;">✓ (Any one)</p>		(1)
8.3	<ul style="list-style-type: none"> • Prevent dropped calls • Save on data/costs <p style="text-align: right;">✓ (Any one)</p>		(1)
9	<ul style="list-style-type: none"> • Connect speakers via Bluetooth/Via Bluetooth/Bluetooth speakers • Use Chromecast/Use Wi-Fi • Via USB cable • Using the device's speaker <p style="text-align: right;">✓✓ (Any two)</p>		(2)
			[15]