



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET 54

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	23/6/20
TOPIC	INTERNET AND NETWORK TECHNOLOGIES: Revision	TERM 1 REVISION		TERM 4 CONTENT	✓

1	The Internet is a global connection of networks/It is not linked in a small area/It spans over a wide, global area ✓ <i>(Note to marker: Do not accept only expanding the acronym.)</i>		1
2	<ul style="list-style-type: none"> • Sharing software, e.g. local services, files, centralisation/sharing of data/centralised backup • Sharing hardware, e.g. printers, scanners, grid computing • Facilitating communications, e.g. connections between devices/ users/sharing of an Internet connection, etc. • Gaming • Improved security • Teaching/Broadcasting tool • Centralised management of computers/workstations, etc. <p style="text-align: right;">✓✓ (Any two)</p> <i>(Note to marker: Accept suitable examples of the options above.)</i>		2
3	<ul style="list-style-type: none"> • Switch is a device used to connect computers✓/regulate data flow between computers on a network • Router is used to connect to external networks✓ e.g. Internet 		2

4	<p>Fibre-optic cables allow for:</p> <ul style="list-style-type: none"> • higher data transmission speed compared to copper wires • lower attenuation/less interference • less susceptible to lightning strikes, etc. <p style="text-align: right;">✓(Any one)</p> <p><i>(Note to marker: Accept less likely to be stolen.)</i></p>		1
5	<ul style="list-style-type: none"> • Physical obstacles/walls • Closeness/Proximity/Distance to the access point/router • Electrical/Magnetic interference/Signal overlapping • Network load/Too many computers on the network/Contention ratio • Weather conditions • Poor quality/Low speed connection devices used • Availability of electricity, etc. <p style="text-align: right;">✓✓✓(Any three)</p>		3
6	<ul style="list-style-type: none"> • Sharing/Transferring files • Identity verification/Authentication purposes • Location-based profile automation • Can be used in payment systems • Switch devices on or off, etc. <p style="text-align: right;">✓(Any one)</p> <p><i>(Note to marker: Accept a specific example.)</i></p>		1
7	<ul style="list-style-type: none"> • Directs the browser/application to a webpage/document/resource • Provides a connection/link/shortcut to another web page/document/file • Provides a link to another place/bookmark in the same document <p style="text-align: right;">✓(Any one)</p> <p><i>(Note to marker: Do not accept shortcut without acceptable explanation.)</i></p>		1

8	<ul style="list-style-type: none"> • Satellite • Cellular/3G/LTE/GPRS/HSDPA/EDGE/4G • Wireless/Wi-Fi/WiMax/iBurst/Radio technology <p style="text-align: right;">✓(Any one)</p> <p><i>(Note to marker: Accept explanation of any of the above concepts.)</i></p>		1
9.1	<ul style="list-style-type: none"> • mail.yahoo/yahoomail • Gmail • Hotmail • Ymail • Webmail • iCloud, etc. <p style="text-align: right;">✓(Any one)</p> <p><i>(Note to marker: Accept any valid web-based e-mail service.)</i></p>	1	3
9.2	<ul style="list-style-type: none"> • E-mail can be accessed at any location with Internet access • Access to your e-mail from all your devices • E-mails are not lost in case of computer crash • No need to upgrade software/no need to purchase or install software • May have better e-mail management options, e.g. with regard to spam and phishing reporting • Tighter integration with other web-services, e.g. Google Drive for attachments <p style="text-align: right;">✓(Any one)</p>	1	
9.3	<p>Bcc ✓</p> <p><i>(Note to marker: Also accept BCC or blind copy field.)</i></p>	1	
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