



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET 45

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	8/6/20
TOPIC	SYSTEM TECHNOLOGIES: Revision	TERM 1 REVISION		TERM 4 CONTENT	✓

1	<ul style="list-style-type: none"> • More convenient/Easier to use/User is more familiar with a mouse • More accurate mouse movements • Ergonomic design of the mouse <p style="text-align: right;">✓ (Any one)</p>		(1)
2	<ul style="list-style-type: none"> • Laptops can be locked away • Battery can allow use during power outages • (Generally) consumes less power • Mobility makes it easy to set up any room for tests and exams, or to be used for different purposes <p style="text-align: right;">✓✓ (Any two)</p>		(2)
3	<ul style="list-style-type: none"> • SSDs are more expensive per GB of storage • They are not good for long term (archiving) storage (lose charge) • Write cycles are limited <p style="text-align: right;">✓✓ (Any two)</p>		(2)

4.1	<ul style="list-style-type: none"> • Access to updated information on the Internet • Take a picture of homework • Use social networking for collaboration • Use for reading digital/electronic version of textbooks • Interact with electronic quizzes <p style="text-align: right;">✓✓ (Any two)</p> <p><i>(Note to marker: Accept any valid example that has educational value)</i></p>		(2)
4.2	<ul style="list-style-type: none"> • Limited Battery life • Limited controls • Small screen size • Overheating issues • Lower screen resolution <p style="text-align: right;">✓✓ (Any two)</p>		(2)
4.3	<ul style="list-style-type: none"> • Wi-Fi • NFC • Bluetooth <p style="text-align: right;">✓✓ (Any two)</p>		(2)
4.4	Location information is added to the photo (as metadata) ✓	(1)	(7)
5.1	Devices are too small/Standard USB connectors are too large ✓	(1)	(3)
5.2	<ul style="list-style-type: none"> • Tablets • Flash storage • Rechargeable headphones/speakers • Digital cameras • Power banks <p style="text-align: right;">✓✓ (Any two)</p> <p><i>(Note to marker: Accept valid examples such as tablet keyboard, dashcam)</i></p>	(2)	
6.1	<ul style="list-style-type: none"> • The attachment is an exe file which could be a virus • Exe is not an image file extension <p style="text-align: right;">✓ (Any one)</p>	(1)	(2)
6.2	<ul style="list-style-type: none"> • Delete the e-mail • Save and scan the attachment with an antivirus program • Do not open the attachment <p style="text-align: right;">✓ (Any one)</p>	(1)	

7	<ul style="list-style-type: none"> • Virus/malware infection • Could open your computer to being hacked • Legal consequences • Cannot be updated/Manufacturer may disable software during update attempt <p style="text-align: right;">✓✓ (Any two)</p>		(2)
8	<ul style="list-style-type: none"> • Start up in safe mode • Re-install operating system/Format storage media (HDD/SDD)/Try to boot from recovery disk/media • Check boot sequence in BIOS • Remove external storage from USB ports and try again • Test the power supply • Check the primary hard drive and replace if necessary <p style="text-align: right;">✓✓ (Any two)</p>		(2)
9	<ul style="list-style-type: none"> • It was created using multi-session/the session was not closed • The optical drive is faulty on either one of the computers • Incorrect label placement • The file system is not supported • The CD was not properly written <p style="text-align: right;">✓✓ (Any two)</p>		(2)
10	<ul style="list-style-type: none"> • Fixes program bugs • Addresses security vulnerabilities • Adds features to the operating system • Fewer system crashes/More system stability <p style="text-align: right;">✓✓ (Any two)</p>		(2)
			[25]