Province of the

EASTERN CAPE
EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET 37

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

1	- Batteries run flat - Limited range - Prone to interference/crosstalk - More expensive than wired keyboards - If transceiver is damaged/lost/stolen, keyboard has to be replaced as well/Easily stolen - Keyboard drivers only load once operating system is loaded - Can be intercepted/tapped into by hackers - Latency during gaming/Not as responsive as wired keyboards ✓✓ (Any two)		(2)
2	- Buttons/Components designed for smaller screen - No scroll bars - Fewer screen elements visible/Less information visible - No mouse pointer required/Designed for touch interface ✓✓ (Any two)		(2)
3	All-in-one computer✓ *(Note to marker: Accept any reasonable description/example of an all-in-one PC, e.g. Laptop/Touch screen/Convertible/Hybrid)*		(1)

4	• Re-install driver • Check cable/transceiver connection • Try another surface for the mouse • Re-start the computer/mouse • Adjust mouse pointer settings/speed/sensitivity • Try another USB port • Clean/Clear any residue on optical sensor • Replace battery on wireless mouse ✓✓ (Any two)		(2)

5	• Most data/software is available to download • Reduction in size/Lighter to carry • Save on battery life/Longer battery life • Other larger capacity storage options available • Less demand for optical media/Obsolete ✓✓ (Any two)		(2)
6	• Transfer of files/data between devices • Can be used for payments • Can be used with RFID tags ✓✓ (Any two)		(2)

7	• Uninstall the software/Stop using the software • Purchase a licence/Register the software • Continue using with reduced functionality ✓(Any one)		(1)

8.1	• Easier to share with others who do not have the program in which it was originally created/Reader is freely available • Layout and formatting will be maintained • Can add security to pdf to make it difficult to edit/print • Reduced file size ✓ (Any one)	(1)	
8.2	• Save as PDF/Send to PDF • Export to PDF • Print to PDF • Use converter software • Print on paper and scan to pdf/Fax to e-mail ✓ (Any one)	(1)	
8.3	• Difference in DPI if they were scanned to pdf • Different content, e.g. smaller document is from text/larger document is from an image • Different PDF converters were used/Converted from different programs ✓ (Any one) AND • OCR data is not available/PDF is an image • PDF security does not allow the search function ✓ (Any one)	(2)	(4)

9	• Use search program and files tool • Use a file management app (e.g. Windows Explorer, My Computer) and navigate to folder • Check for shortcuts on desktop • Open a recent document for a particular application • Check programs pinned to the taskbar • Check add/remove programs list • Use Run Command feature ✓✓ (Any two)		(2)
10	Searches a database✓ using a product code/key/barcode✓ *(Note to marker: Accept any reference to retrieval of information if 'Database' is not mentioned.)*		(2)

11	• Extra RAM slots available/Ability to add more RAM • Extra ports available • Replaceable graphics card/adaptor • Replaceable CPU • Extra hard drive bay available/Replaceable hard disk drive/SSD • Replaceable optical drive • Removable battery ✓✓ (Any two)		(2)
12.1	• Head gear/Helmet with screen • Headphones • Gaming console • Smartphones/Mobile device/Cellphone • Gloves/Body suit with sensors/controllers • Box/Room/Simulation environment ✓✓ (Any two)	(2)	
12.2	• Tourism/Virtual tours • Flight simulation • Entertainment/Gaming • Communication • Education ✓ (Any one) *(Note to marker: Accept any valid explanation of a use of VR)*	(1)	(3)
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