



Province of the
EASTERN CAPE
EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING ASSESSMENT 21 ANSWER SHEET

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	14/8/20
TOPIC	Assessment 21: Integrated Scenario	TERM 2 REVISION		TERM 4 CONTENT	✓

1.1	The lowest/minimum possible specifications (hardware/software) ✓ needed for the program to load/run ✓	2	
1.2	<ul style="list-style-type: none"> • Although programs will run with minimum specifications, they will perform optimally with higher specifications • Hardware would be relevant/usable for a longer period/will be able to run newer/older versions of the software • More resources for multi-task performance • Computer would be compatible with a wider range of software/hardware (✓✓ any two) 	2	
1.3	<ul style="list-style-type: none"> • To test the program first (for suitability) before buying it • Checking to see if the full version is required • Checking user friendliness/Quality of the user interface • Checking for compatibility with the existing software/hardware (✓any one) 	1	5

2.1	RFID uses radio waves ✓	1	
2.2	Barcodes uses light ✓	1	2

3	<ul style="list-style-type: none"> • No need to manually type in the URL • Fewer errors are made, as when manually entering the URL • QR code scanners (software) can be downloaded/used for free • Can store extra information such as logos (✓any one) 	1	1
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4.1	<ul style="list-style-type: none"> • Lock his office when he is not there • Lock the notebook in a safe when not being used • Activate alarm/motion sensors when he is not in the office • Security guards/gates/burglar bars (✓✓ any two) 	2	
4.2	<ul style="list-style-type: none"> • Facial recognition • Fingerprint/Iris/Retinal scan • Voice recognition • Card with biometric data used in the card reader (✓✓ any two) 	2	4
5	<ul style="list-style-type: none"> • Employee can work more flexible hours and are less stressed • More productive because of greater work satisfaction • Consideration of environmental issues/social issues like less pollution and traffic on the road • Potentially fewer distractions than in a formal office environment/no wasting time travelling to office • Telecommuters may prefer less formal environment to work in • Saves on the cost of travel and clothing suitable for the work environment (✓✓ any two) 	2	2
6	<ul style="list-style-type: none"> • Update content regularly • Use catchy titles/informal style • Ask for and respond to feedback/criticism/comments • The text should be easy to read/correct spelling • Use an attractive template/design • Consistent design/formatting • Choose an easy URL to remember, if possible • Make it possible to sign up for RSS • Write concisely/use short sentences/paragraphs/bulleted lists • Check quality/quantity/relevance of graphics • All links should work <p>NOTE TO MARKER: (Accept any valid reasons for attracting or maintaining interest in the blog) (✓✓ any two)</p>	2	2
7	<ul style="list-style-type: none"> • Cost • Bandwidth/speed of connection should be high • Wide network coverage • Whether there are capped and uncapped offerings • The services that are offered by the ISP • Reputation of the ISP • Whether data is carried over into the next month • Whether the ISP offers an anti-virus facility • Whether the ISP is known for a stable connection (✓✓ any two) 	2	2
8	<ul style="list-style-type: none"> • Can use lots of data/cap • May not want to accept/install all the updates • Programs which are not used can update, wasting space on the device • Etc. (✓✓ any two) 	2	2

9.1	<ul style="list-style-type: none"> • Scanner • Camera • Scanning mouse <p style="text-align: right;">(✓ any one)</p>	1	
9.2	<p>OCR ✓</p> <p>OCR will take a scanned copy/image of a document and convert it ✓ into an editable document.</p>	2	
9.3	<ul style="list-style-type: none"> • Not effective if the scanned document is of a low quality • Not always very accurate • In some cases it cannot distinguish between text and images • Language dependent • Not effective if the quality of the camera is low • Scanning can be slow - depends on the type of scanner and its purpose <p style="text-align: right;">(✓✓ any two)</p>	2	5
			25