Province of the
EASTERN CAPE
EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)
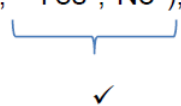
HOME SCHOOLING ASSESSMENT 18 ANSWER SHEET

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	24/7/20
TOPIC	Assessment 18: Integrated Scenario	TERM 2 REVISION		TERM 4 CONTENT	✓

1.1	**Define minimum system requirements**		
	The lowest/minimum hardware/software specifications required✓ to load specific applications/software✓	2	
1.2	**TWO hardware components that enable data analysis (not motherboard)**		
	• CPU/GPU • RAM • HDD/SSD		
	✓✓ (Any two)	2	
1.3	**TWO reasons for computers slowing down**		
	• Not enough disk space • Hard drive becomes fragmented/is failing • Viruses, worms, spyware/Rogue programs using CPU • Registry bloat • Too many start-up programs Too many programs running at **once**/in the background/Updates overloading the PC • Newer apps are larger and require more resources		
	✓✓ (Any two)	2	

2.1	**Component to connect to a network**		
	NIC✓/dongle	1	
2.2	**TWO reasons for NOT installing a peer-to-peer network**		
	• Lacks security for unauthorised access • No centralised management of network resources • Virus protection is the responsibility of each individual user		
	✓✓ (Any two)	2	
2.3	**Wired media to connect the library computers**		
	• UTP✓/STP cable/ LAN cable/Ethernet cable/Network cable	1	
2.4	**Device to connect LAN to the internet**		
	Router✓/Modem	1	5

3.1	**TWO reasons for using cloud storage for backup**		
	• Data is available from anywhere/any device as long as cloud service is available • Saves HDD space on the local workstation • If computers are stolen, data will still be accessible • Some cloud backup services are free • Documents can be shared with others • Backups would be held offsite • Backups are managed by the provider • Storage can be easily upgraded		
	✓✓ (Any two)		
	(Note to marker: Accept reference to cost only if it is qualified)	2	
3.2	**TWO reasons to restore data from a backup**		
	• Computer/Data may be stolen • Data may be corrupted • May be a victim of ransomware • Hard drive may crash/Hardware failure • Accidental deletion/loss of data • Recently installed software has made the system unstable		
	✓✓ (Any two)	2	4

4.1	**Bullet list tag**		
	• Unordered list✓ tag / / list item tag /	1	
4.2	**Tag to create an open line in paragraph**		
	• Paragraph✓ tag/<p> / break tag / 	1	
4.3	**TWO changes to HTML code to correct a table**		
	• There should be <tr> and </tr> tags around every row of <td></td> tags✓ • The </table> tag should be moved to the end✓	2	4
5.1	**Display cell contents without column adjustment**		
	• Wrap text/Alt+<Enter> before 'Earned' • Reduce font size • Change text rotation/direction/alignment ✓ (Any one)	1	
5.2	**Cell formatting in spreadsheets**		
	Formatted as text✓/Centred	1	6

5.3	**Appropriate option for a calculation**		
	Option: Option 1✓ **Motivation:** • Option 1 considers the entire range automatically which will save time/is more accurate • Option 2 is time consuming to search and select the required cells ✓ (Any one)	2	
5.4	**Reasons why IF-statement does not work**		
	• 'Yes' and 'No' arguments should be swopped for the 2nd IF statement✓ • First IF statement is missing a 'No' as the third argument✓ **OR** =IF(D2>30, IF(E2>10000, "Yes","No"), "No"✓) ✓	2	
			[25]