



Province of the
EASTERN CAPE
 EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING SELF-STUDY WORKSHEET ANSWER SHEET 90

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	25/8/20
TOPIC	INTERNET AND NETWORK TECHNOLOGIES: Revision	TERM 1 REVISION		TERM 4 CONTENT	✓

1.1	https://www.vnunet.com/vnunet/news/phishing against banks hits	(1)	3
1.2	Phishing is Internet fraud where a fake email requests you to click on a link to a website that looks official ✓ so that you update account details and pin numbers and these are then used to draw money from your account. ✓	(2)	
2.1	Any TWO: ✓✓ <ul style="list-style-type: none"> • PAN is a computer network with a range of a few meters. • PAN is organised around an individual. • PAN is used for short exchanges of data. • PAN is used for simple tasks like printing, downloading files. • PAN is used for exchanging files with another device in close proximity. 	(2)	5
2.2	VPN is a network implemented via the Internet ✓ to enable the user to log onto a network from a remote location. ✓	(2)	
2.3	Any ONE ✓ <ul style="list-style-type: none"> • Use encryption e.g. WPA2 • Add a strong access password, etc. 	(1)	

3.1	<ul style="list-style-type: none"> • It improves browsing speed as pages can be loaded from the hard drive instead of being downloaded from the Internet. ✓ • Less data is consumed during the browsing process, as cached websites are not downloaded from the Internet. ✓ 	(2)	6
3.2	<p><i>Any TWO</i> ✓✓</p> <ul style="list-style-type: none"> • More bandwidth – better quality video. • More bandwidth – smooth playback. • Lower bandwidth can make watching videos online impossible. • More bandwidth – one can get 'capped' quicker as higher bandwidth allows users to stream in higher quality, which uses more data, etc. 	(2)	
3.3	A protocol is a set of rules for communication between network devices. ✓	(1)	
3.4	FTP ✓	(1)	
4	A cellular network ✓	(1)	1