



Province of the
EASTERN CAPE
EDUCATION

**NATIONAL
SENIOR CERTIFICATE**

GRADE 12

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**COMPUTER APPLICATIONS TECHNOLOGY P2
(THEORY)
MEMORANDUM**

MARKS: 150

This memorandum consists of 10 pages.

SECTION A**QUESTION 1: MATCHING ITEMS**

1.1	D ✓	MICR	(1)
1.2	K ✓	Spooler	(1)
1.3	B ✓	Encryption	(1)
1.4	C ✓	Patch	(1)
1.5	E ✓	Cap	(1)
1.6	A ✓	Blog	(1)
1.7	H ✓	Bandwidth	(1)
1.8	F ✓	Defragment	(1)
1.9	G ✓	Style	(1)
1.10	I ✓	SUMIF	(1)

[10]**QUESTION 2: MULTIPLE-CHOICE QUESTIONS**

2.1	A ✓	(1)
2.2	C ✓	(1)
2.3	D ✓	(1)
2.4	C ✓	(1)
2.5	C ✓	(1)
2.6	C ✓	(1)
2.7	B ✓	(1)
2.8	D ✓	(1)
2.9	A ✓	(1)
2.10	B ✓	(1)

[10]**TOTAL SECTION A: 20****SECTION B****QUESTION 3**

3.1 3.1.1 Office Suite ✓ (1)

3.1.2 1.3MP Webcam ✓ (1)

- 3.1.3
- Microphone ✓
 - Headphone/speakers ✓

OR

- Headphone with a built-in microphone (Any 2) (2)

3.1.4 Yes ✓
The laptop can connect to a network using the Ethernet connection or a hotspot though the integrated Wi-Fi and in turn be connected to the Internet. ✓ (2)

3.1.5 Windows 8 Pro ✓ (1)

- 3.1.6
- Bluetooth has a longer range than infrared. ✓
 - Bluetooth does not have the limitation of infrared's line of sight ✓
 - Bluetooth has a much higher data transfer rate ✓
 - Bluetooth devices can sense each other and automatically synch data ✓
 - Any other answer (Any 2) (2)

- 3.1.7
- Bluetooth ✓
 - USB cable ✓ (2)

3.1.8 Central Processing Unit/Processor ✓ (1)

3.1.9 2.3 GHz ✓ (1)

- 3.2 3.2.1 • LED monitor uses less power ✓
 • LED monitor takes up slightly less space ✓ (2)
- 3.2.2 • Size of the screen ✓
 • measured diagonally in inches ✓ (2)
- 3.3 3.3.1 • The file can only be opened and read. ✓
 • The file cannot be edited and saved. ✓ (Any 1) (1)
- 3.3.2 • The person who sent the file did not want it to be edited. ✓
OR
 • All files on a CD are read-only as the data cannot be changed on a CD. ✓ (1)
- 3.3.3 Copy the file to the computer and remove the read-only attribute from the attributes from the properties. ✓ (1)
- 3.4 • Facilitates stock taking/allows setting up of computerised stock system easily ✓
 • Accurate – when someone borrows item, one just scans the barcode ✓
 • Improves efficiency of issuing and returning of books, soft copies, etc. ✓
 • Any other answer ✓ (Any 2) (2)
- 3.5 3.5.1 • Digital camera has a higher resolution. ✓
 • The webcam is integrated, meaning that the laptop will have to be carried around in order to take any photos. ✓
 • Any other answer (Any 2) (2)
- 3.5.2 • The resolution (MP) ✓
 • Memory or type of memory card used as certain cards are more expensive ✓
 • Size of the memory card he can use
 • Optical versus digital zoom ✓
 • Interface/connection type to transfer photos ✓
 • Any other answer (Any 2) (2)
- 3.5.3 Ink-jet ✓ (1)
- [27]**

QUESTION 4

- 4.1
- Share hardware ✓
 - Share and work on same data/files ✓
 - Data can be transferred easily instead of manually between computers ✓
 - Better security possible ✓
 - Allows for better communication ✓
- (Any 2) (2)
- 4.2
- 4.2.1
- A LAN ✓
 - which is limited to a small area such as a school ✓
 - as opposed to a WAN which extends across a large area such as a province or country. ✓
- (Note: no mark for extension of acronyms) (3)
- 4.2.2
- A normal computer uses resources on a network while a server provides resources. ✓
 - A server allows for security and data storage to be handled from a central point. ✓
- (2)
- 4.3
- 4.3.1
- If allowed students stream video over the Internet, the CAP may diminish rapidly. ✓
 - Students might see/access video that is unacceptable/not decent. ✓
- (Any 1) (1)
- 4.3.2
- The video can be downloaded and then shared internally across the network. ✓ (1)
- 4.4
- Advantages:
- Easier to install equipment as no cabling is required ✓
 - Equipment can be mobile ✓
 - Devices can be connected to the internet in places where cable access is impossible ✓
- (Any 1)
- Disadvantages:
- Slower ✓
 - Signal cannot always be accessed or 'picked up' ✓
 - Signal can drop/be affected by interference ✓
 - More difficult to configure/needs experienced network technician ✓
 - Potentially less secure ✓
- (Any 1) (2)
- 4.5
- Add passwords to files ✓
 - Encrypt files ✓
 - Restrict access rights to files ✓
- (Any 2) (2)

- 4.6 4.6.1
- Out of paper ✓
 - Printer off line ✓
 - Printer not switched on ✓
 - Faulty cable ✓
 - Problem with print driver ✓
 - Paper jam ✓
 - Any other answer ✓ (Any 2) (2)
- 4.6.2
- Pause printing/Restart printing ✓
 - Delete print jobs ✓
 - Prioritise order of printing ✓ (Any 2) (2)
- 4.6.3 Set as default printer ✓ (1)
- 4.7 4.7.1
- Green computing ✓
(Accept specific examples of green computing)
 - Cheaper ✓ (2)
- 4.7.2
- Guarantee expires ✓
 - Quality of copies might not be good ✓
 - Could possibly damage printer ✓ (Any 2) (2)
- 4.8 4.8.1
- hard drive ✓
 - CPU ✓
 - graphics card ✓
 - RAM ✓ (Any 2) (2)
- 4.8.2
- When newer components cannot be added to the current motherboard ✓
 - Cheaper to buy a new one than to upgrade ✓
 - Unable to find hardware components for the motherboard ✓ (Any 1) (1)
- [25]

QUESTION 5

- 5.1 5.1.1
- A company that has a high speed connection to the internet and ✓
 - hires out parts of this line to clients for a monthly fee. ✓ (2)
- 5.1.2
- Faster ✓
 - High bandwidth ✓
 - Not necessary to dial-up ✓
 - Always permanent connected/to the internet ✓
 - Phone calls can be made at the same time as browsing the internet ✓ (Any 2) (2)
- 5.1.3
- Dial-up based on time connected ✓
 - and ADSL on amount of data transferred ✓ (2)

5.1.4 Broadband:

Any high speed ✓ high bandwidth ✓ internet connection

Bandwidth:

The amount of data that can be downloaded ✓ in a specific time frame. ✓

(4)

- 5.2 5.2.1
- An internal network ✓
 - that uses the same principles and protocols as the internet. ✓

(2)

- 5.2.2
- There is no need as the network is small and distance between users is the main reason for installing an intranet ✓
 - and no reason for sharing internal websites ✓

(2)

- 5.3 5.3.1
- Very secure because of passwords, codes, ✓ etc. are used.
 - Convenience – 24/7/365 availability ✓
 - Quicker/no queues ✓
 - Access to range of facilities such as paying accounts, balances ✓
 - Do not have problem with cheque fraud ✓
 - Potentially cheaper than going into bank/bank charges may be less ✓
 - Relatively simple to use, ✓
 - ability to manage accounts from your PC ✓

(Any 2) (2)

- 5.3.2
- Phishing attacks may occur, i.e. users are tricked into releasing confidential data by someone who ✓ by poses as a legitimate entity ✓

OR

- Usually done by luring users to a fake website or sending out a 'legitimate' looking e-mail asking for details
- Potential security risks such as identity theft, internet fraud, hackers

(2)

- 5.3.3
- Using passwords (pin numbers) ✓
 - Using on-screen keypad to enter numeric password ✓
 - Different levels of passwords ✓
 - SMSs notification of transactions
 - Automatic logoff after inactive period during banking session ✓
 - Use secure encryption/protocols such as SSI or HTTPS ✓
 - Safety lock should appear on right corner ✓

(Any 2) (2)

- 5.3.4
- Cash withdrawal ✓

OR

- Cash deposit ✓

(1)

- | | | | | |
|-----|-------|--|---------|-----|
| 5.4 | 5.4.1 | <ul style="list-style-type: none"> Formation of interesting groups ✓ Posting of multimedia (photos/videos, etc.) ✓ Many add-on/plugin features such as games ✓ | (Any 2) | (2) |
| | 5.4.2 | <ul style="list-style-type: none"> Danger of on-line predators/paedophiles Issues with security/privacy People create virtual relationships Creation of/exposure to undesirable content Issues of addiction Content published can be seen and possibly used against you Issues of addiction | (Any 2) | (2) |
| 5.5 | 5.5.1 | <ul style="list-style-type: none"> A website used to search for information on the internet ✓ using specific key words and phrases. ✓ | | (2) |
| | 5.5.2 | <ul style="list-style-type: none"> Use quotation marks ✓ Use + or - signs in front of keywords ✓ Use an advanced search, e.g. domain, date, file types Search within a search ✓ Use alternative words/synonyms ✓ Webpages from South Africa/Select languages from Home Page of the search engine ✓ Use another search engine ✓ | (Any 2) | (2) |
| | 5.5.3 | <ul style="list-style-type: none"> Check if it is a reputable institution such as a university ✓ The same information is found in various unrelated places ✓ Use common sense/trust instinct, and check the information before relying on it ✓ The date the website was published, the more recent the better ✓ Check the credentials of the authors ✓ Check whether it is cited by other authors ✓ Check the quality of language ✓ | (Any 2) | (2) |

QUESTION 6

- 6.1 6.1.1 An office suite is a collection of programs ✓ (software applications), such as word, spreadsheets, database, etc. that integrate with each other and are distributed as one unit. ✓ (2)
- 6.1.2 A. Open source
Cost:
 Available free of charge ✓
Support
 More difficult to get local support (scarce skills)
 Could get free support from on-line community
 May require technical expertise/could be expensive ✓
- B. Proprietary
Cost:
 Can be expensive ✓
Support
 Support readily available ✓ (4)
- 6.2 6.2.1 Database ✓ (1)
- 6.2.2 Spreadsheet ✓ (1)
- 6.3 6.3.1
- A type of spyware ✓
 - that records every keystroke. ✓ (2)
- 6.3.2 The software contains advertising in the form of banners or pop-ups. ✓ (1)
- 6.3.3
- Anti-spyware software reports the presence of spyware or warns of suspicious activity. ✓
 - Default home page changed ✓
 - Internet activity not initiated by the user ✓
 - Taken to a different website than the URL specified ✓
 - New toolbars, links/favourite ✓
 - Default search program changed ✓
 - Computer suddenly begins to start or run slowly. ✓ (Any 2) (2)
- 6.3.4
- Make sure auto-protect option is installed ✓
 - Perform regular scans ✓
 - Only run one anti-virus program on the system ✓
 - Install anti-virus program on all machines ✓
 - Set to send reports of virus activity to librarian/administrator ✓ (Any 2) (2)

- 6.3.5
- An anti-virus works by matching a specific activity profile to a virus database. ✓
 - These definitions should be as up to date as possible as many new viruses are created every day. ✓
 - An update downloads the newest virus definition from the server of the anti-virus developer. ✓
- (3)
- 6.4
- To reduce the size ✓
 - Combine into one file for easy sending via e-mail or copying to a removable drive ✓
 - Any other relevant answer.
- (2)
- 6.5
- Yes, the files you delete go into the recycle bin. ✓
The deleted files lie in the recycle bin, until you empty it.
 - She can go to the recycle bin and Restore the file that she deleted. ✓
- (2)
- 6.6 6.6.1
- Repetitive Strain Injury is an injury sustained caused by repetitive injury sustained caused by repetitive motions ✓
 - such as keyboarding ✓
- (2)
- 6.6.2 TWO ways of preventing RSI
Any ONE feature of an ergonomically designed keyboard:
- Palm pads ✓
 - Wrist supports
 - Curved/split keyboards.
 - Angled keys
- (Any 1)
- AND
- Any ONE other reason:*
- Frequent breaks ✓
 - Stretching
 - Resting
- (Any 1) (2)
- [26]

QUESTION 7

- 7.1 7.1.1 REASON
The wrapping style/formatting of the picture is incorrectly selected ✓
- (1)
- AND
- SOLUTION
- Correct/change the formatting/wrapping style (to "tight") ✓
 - Menu options: format picture – layout/wrapping ✓ (Any 1)(1) (2)
- 7.1.2
- Use the AutoFit table function. ✓
 - Reduce the left and right margins of the page. ✓
 - Reduce the width of the columns in the table. ✓
 - Change to landscape. ✓
- (Any 2) (2)

- 7.1.3
- Change language setting to English SA ✓
 - Ignore all ✓
 - Add to dictionary ✓
 - Disable the spellchecker/Do not check spelling ✓ (Any 1) (1)
- 7.2 Styles ✓
Then he could have changed the style which then automatically would have updated all of the headings to the same formatting. ✓ (2)
- 7.3
- A spreadsheet has built-in functions and formulae which can be used for calculations. A word processor has a limited number of formulas. ✓
 - A spreadsheet is used for manipulating numbers and a word processor is used for manipulating words. ✓
 - Values are automatically updated if figures change. ✓ (Any 2) (2)
- 7.4
- 7.4.1 Barcode number ✓ or ISBN
Only one book can have a barcode/unique ✓ (2)
- 7.4.2 Yes/No ✓ (1)
- 7.4.3 Text ✓ (1)
- 7.4.4 Using specific placeholders to force a user to enter specific values such as only text or numbers. ✓ (1)
- 7.4.5 Create a validation rule ✓ in which you specify a year greater than or equal to 2000 (≥ 2000) ✓ (2)
- 7.5
- 7.5.1 Absolute ✓ (cell addressing) (1)
- 7.5.2 To prevent the cell address(es) from changing ✓ when a formula is copied. ✓ (2)
- 7.5.3 It will not change. ✓ (1)
- 7.6 The developer tab contains the options where electronic form components such as checkboxes and dropdown menus can be selected and inserted into an electronic form. ✓ (1)
- [21]**

TOTAL SECTION B: 120
GRAND TOTAL: 150

7.1.3	Verander die taal na "English SA" ✓	•	
	• "Ignore all"-opsie ✓		
	• "Add to dictionary"-opsie ✓		
	• Sit die funksie wat spelling optel af ✓		(Enige 1) (1)
7.2	Style ✓		
	Dan kon hy net die styl verander het wat dan outomaties al die opskrifte sou verander het na dieselfde formatering. ✓		(2)
7.3	• In Sigblad het ingeboude funksies en formules wat vir berekeninge gebruik kan word. In Woordverwerker het net beperkte formules. ✓		
	• In Sigblad word gebruik vir die manipuleer van nommers waar in woordverwerker vir woorde is. ✓		
	• Waardes word outomaties opdateer indien enigiets verander. ✓ (Enige 2)		(2)
7.4	7.4.1 Strepieskode ✓ of ISBN		
	Net een boek kan in unieke strepieskode/ISBN hê ✓		(2)
	7.4.2 Yes/No ✓		(1)
	7.4.3 Teks ✓		(1)
	7.4.4 Gebruik van spesifieke plekhouers wat verbruikers forseer om net spesifieke data in te lees soos getalle of letters. ✓		(1)
	7.4.5 Skip in geldighidsreël ✓ waarin jy spesifiseer dat die jaar later as 2000 moet wees (≥ 2000) ✓		(2)
7.5	7.5.1 Absolute selverwysing ✓		(1)
	7.5.2 Om te verhoed dat selverwysings verander ✓ wanneer in formule gekopieer word. ✓		(2)
	7.5.3 Dit sal nie verander nie. ✓		(1)
7.6	Die "developer tab" bevat opsies waar komponente soos "checkboxes" - en "dropdown"-kieskaarte toegevoeg kan word tot elektroniese vorms. ✓		(1)

TOTAAL AFDELING B: 120
GROOTTOTAAL: 150

[21]

VRAAG 7

7.1	7.1.1	REDE	Die omvouting styl/formatering van die prentjie is verkeerd ✓	(1)
7.1	7.1.2	OPLOSSING	<ul style="list-style-type: none">• Maak die formatering/omvouting reg na "tight" ✓• Kieskaart opsies: format picture – layout/wrapping ✓	(2)
			<ul style="list-style-type: none">• Gebruik die "AutoFit table"-funksie ✓• Verminder die linker en regter kantlynne van die bladsy ✓• Verminder die wydte van die kolomne in die tabel ✓• Verander na landskap ✓	(2)
6.3	6.3.5		<ul style="list-style-type: none">• In Anti-virus werk deur die spesifieke aktiwiteitsprofiel en in virus te vergelyk met in databasis. ✓• Hierdie databasis moet gereeld opdateer word omdat daar elke dag nuwe virusse uitkom. ✓• Opdatings van die nuutste virus definisies vanaf die bediener van die anti-virus vervaardiger. ✓	(3)
6.4			<ul style="list-style-type: none">• Om die grootte te verminder ✓• Kombineer van meer as een lêer in een om dit makliker te maak om te kopieer of e-pos of kopieer na in verwyderbare skyf ✓	(2)
6.5			<ul style="list-style-type: none">• Ja, die lêers wat geskraap word gaan na die "recycle bin". ✓• Tot dit van daar af geskraap word.	(2)
6.6	6.6.1		<ul style="list-style-type: none">• "Repetitive Strain Injury" is 'n besering wat veroorsaak word deur herhaalde bewegings ✓• soos om op 'n sleutelbord te werk ✓	(2)
6.6	6.6.2	TWEE maniere om RSI te voorkom	<u>Enige EEN voorbeeld van ergonomie:</u> <ul style="list-style-type: none">• "Palm pads" ✓• Gewrigondersteuning• Sleutelborde wat gesplete is of gebou is• Sleutels wat op 'n hoek is <p>Nog EEN rede:</p> <ul style="list-style-type: none">• Neem gereelde breuke ✓• Strek• Rus	(2)
			(Enige 1)	[26]

VRAAG 6

6.1	6.1.1	<p>in Kantoorpakket is in versameling programme in soos woordverwerkers, sigblad en databasisprogrammatuur wat integreer word en saam versprei word as in eenheid. in</p>	(2)
	6.1.2	<p>A. Oopbron</p> <p>Koste:</p> <p>Gratis beskikbaar in</p> <p>Ondersteuning</p> <p>Moeiliker om plaaslike ondersteuning te kry (skaarse vaardighede)</p> <p>Kan gratis ondersteuning verkry vanaf aanlyn gemeenskappe</p> <p>Mag tegniese bystand nodig kry wat duur kan wees in</p> <p>B. Eiendomssageware</p> <p>Koste:</p> <p>Kan duur uitwerk in</p> <p>Ondersteuning</p> <p>Ondersteuning oral beskikbaar in</p>	(4)
6.2	6.2.1	Databasis in	(1)
	6.2.2	Sigblad in	(1)
6.3	6.3.1	<p>in Tipe spioenasiesageware (spyware) in</p> <p>wat elke sleutel wat gedruk word opneem. in</p>	(2)
	6.3.2	Die sageware bevat advertensies in die vorm van baniere op opwip-vensters. in	(1)
	6.3.3	<p>“Anti-spyware” sageware doen verslag rakende “Spyware” of waarsku oor verdagte aktiviteit in</p> <p>Bestekwaarde vir tuisblad verander in</p> <p>Internetaktiviteit wat nie deur verbruiker begin is nie in</p> <p>Word gevat na verskillende webtuiste as die URL wat ingelees word in</p> <p>Nuwe taakbalk, skakels/gunstelinge in</p> <p>Bestekwaarde vir soekenjin verander in</p> <p>Rekenaar begin stadig werk. in</p>	(2)
	6.3.4	<p>Maa sekere dat die program outomates sal werk in</p> <p>Doen gereelde skanderinge van die hele stelsel in</p> <p>Gebruik net een anti-virus program op in slag in</p> <p>Installeer dit op al die masjiene in</p> <p>Stuur verslae van enige virus aktiviteit na die administrateur in</p>	(2)

- 5.4 5.4.1 Skop van geïnteresseerde groepe ✓
 • Pos van multimedia (foto's/video's.) ✓
 • Baie eienskappe kan bygevoeg word soos spelletjies ✓ (Enige 2) (2)
- 5.4.2 Gevaar van aanlyn skelms soos pedofiele
 • Probleme met sekuriteit/privaatheid
 • Mensse mag virtuele verhoudings skep
 • Skep van/blootstelling tot ongewenste inhoud
 • Probleme met verslawing
 • Inhoud publiseer wat gesien en teen jou gebruik kan word
 • Aangeleentheidde soos versleuring (Enige 2) (2)
- 5.5 5.5.1 In Webtuiste wat soek vir spesifieke inligting op die internet ✓
 • deur gebruik te maak van sleutelwoorde of -frases. ✓ (2)
- 5.5.2 Gebruik aanhalingstekens ✓
 • Gebruik + of – tekens voor sleutelwoorde ✓
 • Gebruik in gevorderde soektog, bv. data, tipes
 • Soek in die resultate van 'n bestaande soektog ✓
 • Gebruik alternatiewe woorde/sinonieme ✓
 • Webbladsye vanuit Suid-Afrika stel, selekteer ander tale in die soekenjin ✓
 • Gebruik in ander soekenjin ✓ (Enige 2) (2)
- 5.5.3 Maak seker of jy die persoon/plek kan vertrou soos in universiteit ✓
 • Dieselfde inligting kan op ander plekke gevind word ✓
 • Gebruik jou gesonde verstand/vertrou jou instink en kyk eers of jy die inligting kan vertrou ✓
 • Die datum van die webtuiste, hoe nuwer hoe beter ✓
 • Kyk of die outeurs vertrou kan word ✓
 • Kyk of dit deur ander outeurs ondersteun word ✓
 • Kyk na die kwaliteit van die taal ✓ (Enige 2) (2)

VRAAG 5

- 5.1 5.1.1 • in Maatskappy wat in hoëspoed konneksie tot die internet het ✓
 en
 dit aan kliente uitverhuur teen in maandelikse koste. ✓ (2)
- 5.1.2 • Vinniger ✓
 • Hoe bandwydte ✓
 • Nie nodig om in te skakel ✓
 • Altyd/Permanent aan internet gekoppel ✓
 • Telefoonoproë kan gemaak word op dieselfde tyd as wat die internet gebruik word ✓
 (2) (Enige 2)
- 5.1.3 • Skakellyn gebaseer op tyd gekoppel ✓
 • en ADSL op die hoeveelheid data oorgedra ✓ (2)
- 4.8 4.8.1 • hardeskyf ✓
 • SVE ✓
 • grafikaart ✓
 • LSG ✓
 (2) (Enige 2)
- 4.7 4.7.1 • "Green computing" ✓
 • (Aanvaar spesifieke voorbeelde daarvan)
 • Goedkoper ✓
 (2)
- 4.6 4.6.1 • Geen papier ✓
 • Drukker nie aanlyn ✓
 • Drukker nie aangeskakel ✓
 • Foutiewe kabel ✓
 • Probleem met drukkerdrywer ✓
 • Papier sit vas ✓
 • Enige ander toepaslike antwoord. ✓
 (2) (Enige 2)
- 4.6.2 • Drukker kan gestop en weer begin word ✓
 • Skraap van drukopdragte ✓
 • Kan die volgorde waarin drukopdragte uitgevoer word verander ✓
 (2) (Enige 2)
- 4.6.3 • Stel drukker as die bestekwaarde ✓
 (1)
- 4.7.2 • Waarborg verval ✓
 • Kwaliteit van afdrukke mag slegter wees ✓
 • Mag moontlik die drukker beskadig ✓
 (2) (Enige 2)
- 4.8.1 • hardeskyf ✓
 • SVE ✓
 • grafikaart ✓
 • LSG ✓
 (2) (Enige 2)
- 4.8.2 • Wanneer nuwer komponente nie bygevoeg kan word tot die huidige moederbord ✓
 • Is goedkoper om te koop as opgradeer ✓
 • Indien aanpasbare hardeware komponente nie vir die moederbord gevind kan word nie ✓
 (1) (Enige 1)
- [25]

VRAAG 4

- 4.1
- Deel van hardeware ✓
 - Deel en werk op dieselfde data/lêers ✓
 - Data kan maklik tussen rekenars oorgedra word instede van met die hand ✓
 - Beter sekuriteit moontlik ✓
 - Laat toe vir beter kommunikasie ✓
- (2) (Enige 2)
- 4.2
- In LAN ✓
 - wat beperk word tot in klein area soos in skool ✓
 - waar in WAN oor groter afstande strek soos in provinsie of selfs die hele land. ✓
- (3) (Nota: geen punte toegeken vir uitbreiding van afkortings)
- 4.2.2
- In Normale rekenaar gebruik hulpbronne op in netwerk en in bediener verskat hulpbronne. ✓
 - In Bediener verskat ook sekuriteit en stoorplek vanaf in sentrale punt. ✓
- (2)
- 4.3
- Indien student video oor die internet kyk mag die aflaai-limiet vinnig opgebruik word. ✓
 - Studente mag video sien wat onaanvaarbaar of sleg is. ✓
- (1) (Enige 1)
- 4.3.2
- Die video kan afgelaai en dan interne gedeel word oor die netwerk. ✓
- (1)
- 4.4
- Voordele:
- Makliker om toerusting te installeer omdat geen kables nodig is nie ✓
 - Toerusting kan draagbaar wees ✓
 - Toestelle kan aan die internet koppel in plekke waar kables nie gele kan word nie ✓
- (Enige 1)
- Nadele:
- Stadiger ✓
 - Sein kan nie altyd opgetel word nie ✓
 - Sein kan selfs verlore gaan a.g.v. stourings ✓
 - Moeliker om op te stel/benodig in erfare tegnikus wat weet wat hy doen
- (2) (Enige 1)
- 4.5
- Voeg wagwoorde by tot lêers ✓
 - Enkripsie op dokumente ✓
 - Beperk toegangsregte tot lêers ✓
- (2) (Enige 2)

3.2	3.2.1	<ul style="list-style-type: none"> • LED-monitor gebruik minder krag ✓ • LED-monitor beslaan minder spasie ✓ 	(2)
	3.2.2	<ul style="list-style-type: none"> • Grootte van die skerm ✓ • gemeet diagonaal oor die skerm in duim ✓ 	(2)
3.3	3.3.1	<ul style="list-style-type: none"> • Die lêer kan net oopgemaak en gelees word. ✓ • Die lêer kan nie geredigeer en weer gestoor word nie. ✓ 	(1) (Enige 1)
	3.3.2	<ul style="list-style-type: none"> • Die persoon wat die lêer gestuur het wil nie hê dat enigiemand dit verander nie. ✓ <p style="text-align: center;">OF</p> <ul style="list-style-type: none"> • Alle lêers op 'n CD is leesalleen siende dat die data op 'n CD nie verander kan word nie. ✓ 	(1)
	3.3.3	Kopieer die lêer na die rekenaar en verwyder dan die lees-alleen opsie vanuit die eienskappe van die lêer. ✓	(1)
3.4		<ul style="list-style-type: none"> • Help met voorraadopname/laat toe dat voorraadstelsel op rekenaar gedoen kan word ✓ • Akkuraat – wanneer iemand 'n item leen kan hulle net die strepieskode skandeer ✓ • Verbeter die uitgee en terugneem van boek, sagte afdrukke, ens. ✓ 	(2) (Enige 2)
3.5	3.5.1	<ul style="list-style-type: none"> • Digitale kamera het 'n hoër resolusie. ✓ • Die webkamera is geïntegreer, menende dat die skootrekenaar rondgedra sal moet word om foto's te neem. ✓ • Enige ander toepaslike antwoord. 	(2) (Enige 2)
	3.5.2	<ul style="list-style-type: none"> • Die resolusie (MP) ✓ • Geheue of tipe geheuekaart wat gebruik moet word siende dat party tipes duurder is ✓ • Grootte van die kaart wat gebruik kan word • Opties teenoor digitale zoem ✓ • Koppelvlak/tipe konneksie om foto's oor te dra ✓ • Enige ander toepaslike antwoord. 	(2) (Enige 2)
	3.5.3	Inkspuut ✓	(1)

AFDELING A

VRAAG 1: PAS-ITEMS			
1.1	D ✓	MICR	(1)
1.2	K ✓	Spooler	(1)
1.3	B ✓	Enkripsie	(1)
1.4	C ✓	Patch	(1)
1.5	E ✓	Cap	(1)
1.6	A ✓	Blog	(1)
1.7	H ✓	Bandwydte	(1)
1.8	F ✓	Defragmenteer	(1)
1.9	G ✓	Styl	(1)
1.10	I ✓	SUMIF	(1)
[10]			
2.1	A ✓		(1)
2.2	C ✓		(1)
2.3	D ✓		(1)
2.4	C ✓		(1)
2.5	C ✓		(1)
2.6	C ✓		(1)
2.7	B ✓		(1)
2.8	D ✓		(1)
2.9	A ✓		(1)
2.10	B ✓		(1)
VRAAG 2: MEERVOUDIGEKEUSE-VRAE			
[10]			

TOTAAL AFDELING A: 20

AFDELING B

VRAAG 3

3.1	3.1.1	Kantoorpakket ✓	(1)
3.1.2	1.3MP Webkamera ✓		(1)
3.1.3	<ul style="list-style-type: none"> Mikrofoon ✓ Oortone/luidsprekers ✓ 	OF	
	Oortone met 'n ingeboude mikrofoon	(Enige 2)	(2)
3.1.4	Ja. ✓		
	Die skootrekenaar kan aan 'n netwerk koppel met die Ethernetkonneksie of 'n woelkol deur gebruik te maak van die Wi-Fi wat aan die internet gekoppel is. ✓		(2)
3.1.5	Windows 8 Pro. ✓		(1)
3.1.6	<ul style="list-style-type: none"> Bluetooth het 'n langer reikafstand as infra-rooi. ✓ Bluetooth word nie belemmer deur items tussen die ontvanger en sender nie ✓ Bluetooth het 'n vinniger oordra-kapasiteit ✓ Bluetooth-toestelle kan mekaar aanvoel en outomaties data oordra ✓ 	Enige ander toepaslike antwoord. (Enige 2)	(2)
3.1.7	<ul style="list-style-type: none"> Bluetooth ✓ USB-kabel ✓ 		(2)
3.1.8	Sentrale Verwerkingseenheid/verwerker ✓		(1)
3.1.9	2.3 GHz ✓		(1)



Province of the
EASTERN CAPE
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**NASIONALE
SENIOR SERTIFIKAT**

GRAAD 12

SEPTEMBER 2013

**REKENAARTOEPAASSINGSTECHNOLOGIE V2
(TEORIE)
MEMORANDUM**

PUNTE: 150

Hierdie memorandum bestaan uit 10 bladsye.