



Province of the  
**EASTERN CAPE**  
EDUCATION

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING ASSESSMENT 21**

<b>SUBJECT</b>	COMPUTER APPLICATIONS TECHNOLOGY	<b>GRADE</b>	12	<b>DATE</b>	14/8/20
<b>TOPIC</b>	Assessment 21: Integrated Scenario	<b>TERM 2 REVISION</b>		<b>TERM 4 CONTENT</b>	✓
<b>TIME ALLOCATION</b>	45 minutes (25 marks)	<b><u>TIPS TO KEEP HEALTHY</u></b>			
<b>INSTRUCTIONS</b>	<ol style="list-style-type: none"><li>1. You will need a book to write your answers in and something to write with.</li><li>2. Answer the following questions in your workbook in full sentences where applicable.</li><li>3. Do not refer back to your textbook while answering these questions.</li></ol>	<ol style="list-style-type: none"><li>1. <b>WASH YOUR HANDS</b> thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.</li><li>2. <b>PRACTICE SOCIAL DISTANCING</b> – keep a distance of 1m away from other people.</li><li>3. <b>PRACTISE GOOD RESPIRATORY HYGIENE:</b> cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.</li><li>4. <b>TRY NOT TO TOUCH YOUR FACE.</b> The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick.</li><li>5. <b>STAY AT HOME.</b></li></ol>			

Your cousin is a young man who has just completed his studies in Creative Brand Communication. He wants to start his own business of Branding using the savings he accumulated during his years at university. His type of business needs a 'powerful' computer/notebook as he has to use graphic design software like Photoshop.

- 1 Your cousin needs to start shopping for two computers: a notebook for himself and another one for his secretary.
  - 1.1 You mention to your cousin that the notebook he needs to buy for the secretary should meet the minimum system requirements.

What does this mean? (2)
  - 1.2 You recommend to him that he has to buy a notebook with higher specifications for himself than the requirements for his secretary.

Give TWO reasons why this is good advice. (2)
  - 1.3 Your cousin has been given a trial version of a program by the software developers.

Give ONE advantage of using a trial version of software before installing the full version. (1)
- 2 RFID tags and bar codes have similar functions.
  - 2.1 What medium does an RFID reader use to read RFID tags? (1)
  - 2.2 What medium does a bar code scanner use to read bar codes? (1)
- 3 Give ONE advantage of using a QR code to advertise his business. (1)
- 4 Your cousin has stored a lot of confidential information on his notebook.
  - 4.1 Mention TWO practical ways in which he can prevent his notebook from being stolen from his office, besides being locked on the desk. (2)
  - 4.2 Give TWO examples of biometric features to ensure secure access to a notebook. (2)
- 5 The secretary wants to telecommute on some days (wants to work from home instead of actually being present at the workplace).

Give TWO general advantages of telecommuting or teleworking for the employee. (2)

- 6 Besides social networking sites, your cousin wants to use a blog for the business.  
Suggest TWO ways in which he can attract or maintain their interest in reading the blog in future. (2)
- 7 Your cousin wants to carefully consider certain aspects when choosing an Internet Service Provider (ISP).  
List TWO possible aspects to consider when choosing between different Internet Service Providers (ISP). (2)
- 8 The user has a choice of allowing an automatic download of a patch.  
Mention TWO disadvantages of choosing an automatic download of a patch. (2)
- 9 There will be instances where your cousin would want some of the hard copies to be converted and used electronically on his notebook.
- 9.1 Which device would be suitable to do this? (1)
- 9.2 Which software does the device use and briefly mention how this software works? (2)
- 9.3 Mention TWO disadvantages of using the device you mentioned in QUESTION 9.9.1 to create soft copies. (2)

**[25]**