



Province of the
EASTERN CAPE
EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING ASSESSMENT 10

SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	5/6/20
TOPIC	Assessment 10: Integrated Scenario	TERM 2 REVISION		TERM 4 CONTENT	✓
TIME ALLOCATION	45 minutes (25 marks)	<u>TIPS TO KEEP HEALTHY</u>			
INSTRUCTIONS	<ol style="list-style-type: none">1. You will need a book to write your answers in and something to write with.2. Answer the following questions in your workbook in full sentences where applicable.3. Do not refer back to your textbook while answering these questions.	<ol style="list-style-type: none">1. WASH YOUR HANDS thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.2. PRACTICE SOCIAL DISTANCING – keep a distance of 1m away from other people.3. PRACTISE GOOD RESPIRATORY HYGIENE: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.4. TRY NOT TO TOUCH YOUR FACE. The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick.5. STAY AT HOME.			

- 1 They want to create an information booklet with images for the campaign.
- 1.1 Name an application that can be used to design such a booklet. (1)
 - 1.2 Why would A2 size paper be a bad choice for printing the booklet? (1)
 - 1.3 Suggest TWO ways to save ink when printing a project. (2)
 - 1.4 Recommend a cost-effective alternative to printing to distribute a large number of booklets. (1)
 - 1.5 A digital camera will be used to take photographs for the booklet.
Name TWO types of storage media one can use with the digital camera for saving the photographs. (2)
- 2 The municipality will publish an online list of citizens who saved or wasted the most water for the month.
- 2.1 Which TWO objects in a database program could be used to enter water usage by each customer? (2)
 - 2.2 Identify a field in the list below in which the same data has to be entered repeatedly AND suggest a property that one can set to avoid manual capturing of duplicate data.

Customer_ID	Usage_Period	Water_Used
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(2)
 - 2.3 Which database technique could the municipality use to determine the top ten water savers? (1)
 - 2.4 Which website feature could provide municipal customers with automatic updates each time the top ten list changes? (1)
 - 2.5 Discuss TWO implications of posting the names of the top ten offenders online. (2)
 - 2.6 Name TWO design principles that would make the municipal website easy to use. (2)
 - 2.7 How can a hacker force the municipal website to go offline? (1)
 - 2.8 Explain how it is possible that the website is attacked from a customer's computer, without the customer's knowledge. (2)

3 The municipality wants to conduct a water awareness survey.

3.1 State TWO problems regarding the use of the question below that appeared in the survey.

How do you save water at home? _____ _____ _____

(2)

3.2 State TWO methods to conduct this water awareness survey.

(2)

3.3 What are the implications for the survey findings if the same people can submit more than one survey response?

(1)

[25]