



Province of the
EASTERN CAPE
EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING ASSESSMENT 17

| | | | | | |
|------------------------|---|---|----|-----------------------|---------|
| SUBJECT | COMPUTER APPLICATIONS TECHNOLOGY | GRADE | 12 | DATE | 17/7/20 |
| TOPIC | Assessment 17: 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. | | | |

The learners and community members who use the media centre often have questions about computers and the applications they are using.

- 1 Ms Mills keeps a database of learners that use the media centre. She set up the following database table:

| Field name | Description |
|----------------|------------------------------------|
| Surname | Surname of the learner |
| Name | Name of the learner |
| Grade | Grade of the learner |
| User number | Unique number given to the learner |
| User password | Password assigned to learner |
| Internet usage | Amount of data used by the learner |

Acti

- 1.1 To which field of the database table would you assign a primary key? (1)
- 1.2 What feature of the design view of the database would Ms Mills use to place a combo box in the *Grade* field? (1)
- 1.3 Ms Mills created a query to display the names of all the Grade 10 and Grade 11 learners.
- This query does not return any names when she uses the criteria 10 AND 11 in the *Grade* field.
- What criteria should Ms Mills rather use for this field? (1)
- 1.4 What feature of a database report would Ms Mills use to obtain the Internet usage for each grade? (1)
- 1.5 In which section of the report would Ms Mills place a formula to determine the total Internet usage of all the learners? (1)
- 1.6 Ms Mills wishes to transfer the data from the database to a spreadsheet.
- Other than using 'copy and paste', which feature of the spreadsheet would she use to perform this action? Act (1)
- 2 What feature of a spreadsheet could Ms Mills use to ensure that other users cannot change formulae in her spreadsheet? (1)
- 3 Name ONE way in which Ms Mills can use the computer to find a solution to a problem she has encountered in a spreadsheet application. (1)
- 4 What appropriate measure should Ms Mills take when she finds that the word processing application is not responding? (2)

- 5 Ms Mills receives an e-mail message warning her of a serious virus and requests her to delete a specific file from the operating system files.
- 5.1 Give the meaning of the term *virus hoax*. (2)
- 5.2 How could she confirm whether this e-mail message is a virus hoax? (1)
- 5.3 Briefly describe what is likely to happen if she deletes the file mentioned in the e-mail message. (1)
- 5.4 What term is used for unwanted e-mail? (1)
- 6 A learner says that his family has a 2 GB cap limit per month on their Internet connection, but that it is reached within the first two weeks of every month.
- The family does not download movies. They only send a few e-mails and do some web browsing.
- 6.1 Give TWO possible reasons for the cap being reached so soon. (2)
- 6.2 How can the family find out how much cap they use per week? (1)
- 7 Many learners visit the media centre on a Saturday to play online games.
- 7.1 What does it mean to play online computer games? (2)
- 7.2 Give TWO possible reasons why learners are allowed to play online computer games at the school only on a Saturday. (2)
- 7.3 Some people play computer games for long periods of time. Discuss the negative impact on TWO aspects of these people's lives. (2)
- 7.4 Modern treasure hunters use geographical coordinates to locate a hidden item.
- Which technology can be used to determine the geographical coordinates? (1)

[25]