Province of the

EASTERN CAPE

EDUCATION

DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)

HOME SCHOOLING ASSESSMENT 12

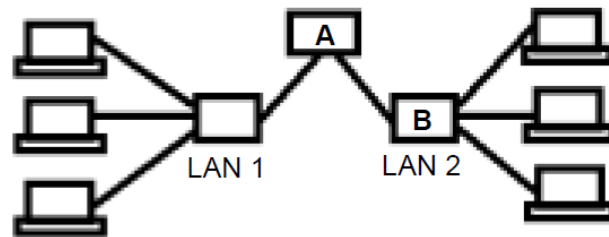| SUBJECT	COMPUTER APPLICATIONS TECHNOLOGY	GRADE	12	DATE	12/6/20
TOPIC	Assessment 12: Integrated Scenario	TERM 2 REVISION		TERM 4 CONTENT	✓
TIME ALLOCATION	45 minutes (25 marks)	**TIPS TO KEEP HEALTHY**			
INSTRUCTIONS	1. You will need a book to write your answers in and something to write with. 2. Answer the following questions in your workbook in full sentences where applicable. 3. Do not refer back to your textbook while answering these questions.	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.**			

Your school principal asked you to use your CAT skills to give advice with establishing an online school newspaper. Computer equipment will have to be purchased for this purpose.

1   Describe TWO hardware characteristics of entry-level computers that make them different from high-end machines.   (2)

2   Suggest TWO examples of application software that may need to be installed to facilitate the publishing of the school newspaper.   (2)

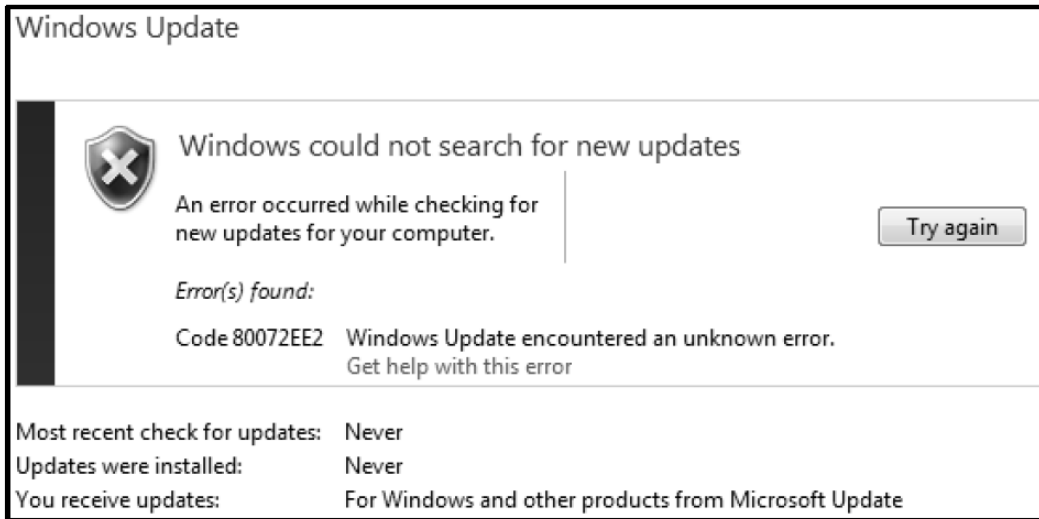3   The home page of the newspaper website will be based on a template.

     Explain what a *template* is.   (1)

4   As part of your advice you drew a diagram of how the newspaper office network (LAN 1) should be connected to the school network (LAN 2).

     4.1   Name device **A** connecting the two LANs.   (1)

     4.2   Name device **B** on LAN 2.   (1)

     4.3   State TWO ways in which access to the LAN 1 network can be controlled.   (2)

     4.4   State TWO advantages of using cables to connect the computers in the network.   (2)

5   Links to the newspaper articles will be posted on social media.

     State TWO advantages of using Facebook to share the newspaper.   (2)

6   Give ONE reason why FOSS instead of proprietary software should be used at the newspaper office.   (1)

7   The error message below appeared on one of the computers in the newspaper office, preventing it from getting updates.

Windows Update

Windows could not search for new updates

An error occurred while checking for
new updates for your computer.   Try again

Error(s) found:

Code 80072EE2   Windows Update encountered an unknown error.
                Get help with this error

Most recent check for updates: Never
Updates were installed: Never
You receive updates: For Windows and other products from Microsoft Update

7.1   Discuss TWO possible reasons for the error.   (2)

7.2   State ONE implication of the error message.   (1)

8   State TWO ways in which the school can backup their data so that it is stored in another location.   (2)

9   A database table with author and article names as fields will be used to store the information about learners who contribute towards content in the newspaper.

9.1   Discuss TWO reasons why it would be better to use a form instead of the datasheet view of a table for capturing data.   (2)

9.2   Name TWO database tools that can be used to determine who contributed the most articles towards the newspaper.   (2)

10   Give TWO reasons why it would be a good policy to have USB ports disabled by default on the LAN used by the newspaper office?   (2)
                                                                          [25]

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