

GEOGRAPHY UNIT TEST

GRADE 10

**TOPICS: KARST TOPOGRAPHY, WATER CYCLE, UNDERGROUND WATER,
WATER SUPPLY IN THE BAHAMAS**

Name: _____

SECTION A

Instructions: THREE suggested answers are given A, B, C . You are to select the letter next to the correct answer. Each question carries one **(1) mark**.

1. The natural Karst feature that collapses into a depression on the surface is:
 - A. Karst tower
 - B. Sinkhole
 - C. Cavern

2. What is the process of plants releasing water vapour is called.....
 - A. Photosynthesis
 - B. Evaporation
 - C. Transpiration

3. Which of the following is an example of an aquifer found in The Bahamas?
 - A. Springs
 - B. Artesian Basin
 - C. Lens

4. Which of the following best describe an unconfined aquifer?
 - A. An aquifer between impermeable layers of sediment
 - B. An aquifer between ground surface and sediment
 - C. An aquifer between sediment layers such as clay

5. The porosity of a rock refers to which of the following?
 - A. Volume of void spaces within the rock
 - B. Ability of fluids to flow through the rock
 - C. Dissolution of the rock bed or sediments

SECTION B

Instructions: For each questions 6-8:

- (a) Your answers must be recorded in the space provided for each question.
- (b) The mark for each part question are indicated in brackets [].

6. (a) Figure 1 below shows a diagram of the water cycle.

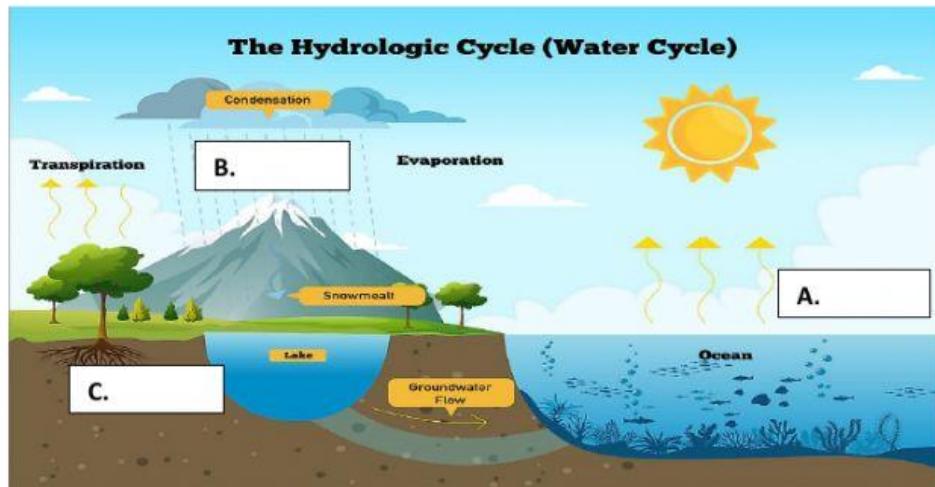


Figure 1

(i) Identify the parts labelled A, B, C

A_____

B _____

C _____

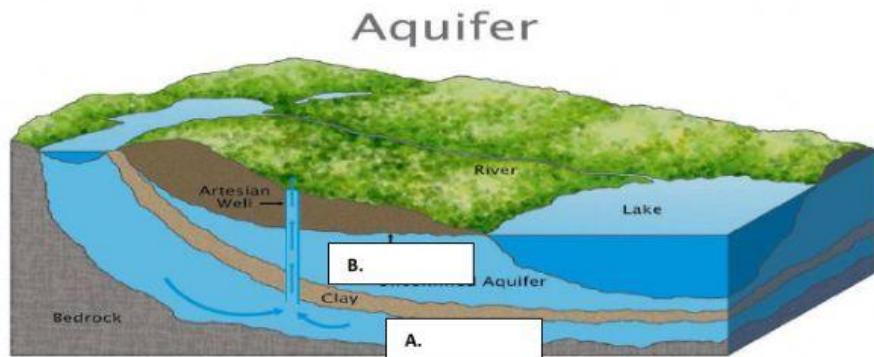
[3]

(ii) The snow melting is an example of _____ [1]

(iii) Describe the process that happens from A-C.

[3]

(b) Study the diagram of Figure 1a of underground water.



Label the parts A and B

(i) A_____
B_____

[2]

(ii) What is a Artesian Well?

[1]

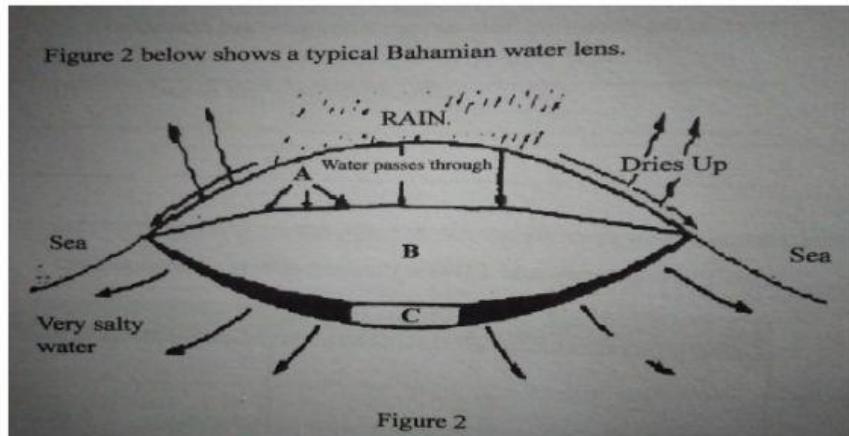
(iii) List two features formed as a result of ground water action.

[2]

(iv) Discuss two ways ground water can be polluted, and state two ways it can be purified.

[3]

7.



(i) Identify the parts labelled A, B, and C

A _____

B _____

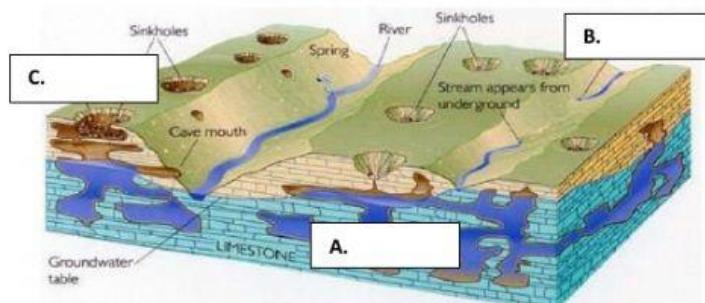
C _____

[2]

(ii) State what island water was barged from to meet the demand of supply for Fresh water in New Providence.

_____ [1]

8.



(i) Identify the features labelled A, B, and C

A _____

B _____

C _____

[3]

(ii) Explain how the feature labelled A is formed. Includes description of features found within.
