

B.O.T TERM II 2019
S.1 CHEMISTRY
TIME: 1 HOUR

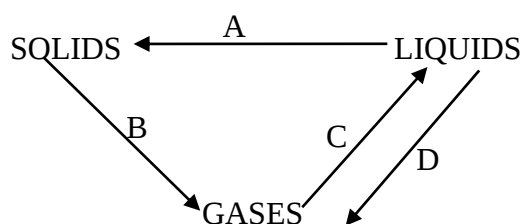
INSTRUCTIONS

- Answer **all** questions

1. (a) Define the term matter.

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(b) Label the different changes of state from A to D.



A.....
B.....
C.....
D.....

(c) List *three* examples to show that matter occupies space.

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2. (a) Draw the following apparatus and state their function in the laboratory.

(i) Gas jar

Function

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(ii) Volumetric flask

Function

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(iii) Measuring cylinder

Function

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(iv) Boiling tube

Function

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(v) Test tube holder

Function

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3. (a) Define the term element.

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(b) State the symbols of the following

- (i) Calcium.....
- (ii) Sodium.....
- (iii) Boron.....
- (iv) Helium.....
- (v) Magnesium

4. (a) Define the term flame.

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(b) State three differences between the two types of flames of the Bunsen burner.

DIFFERENCES

END