

REPUBLIQUE DU CAMEROUN

Paix – Travail – Patrie

MINESEC/Collège Privé Bilingue Montesquieu

Evaluation : N° 4

Session : February 2023



REPUBLIC OF CAMEROON

Peace – Work – Fatherland

MINESEC/Collège Privé Bilingue Montesquieu

Durée : 1h

Class : FORM Four

FOURTH SEQUENCE HARMONISED BIOLOGY EXAMINATION

Instructions; answer any two

1a) what is homeostasis?

b) Name four factors of the internal environment which are kept constant.

c) Describe the origin and method of elimination of metabolic waste in animal and plants.

2a) Compare inspired and expired air.

b) Describe the mechanisms of gaseous exchange in the following

-Amoeba - Flowering plant - mammals and - Bony fishes.

3a) Define Anaerobic respiration.

b) What is a respiratory surface?

c) State the features of a good respiratory surface.

d) Describe an experiment to show that CO₂ is produced during aerobic respiration.

SECTION B/

1a) what is BIOTECHNOLOGY? State and explain the step involve in biotechnology

b) Explain how we can take care of the following parts of the body

-The skin -the feet's -vagina and the penis

c) Make a large labeled diagram of a tooth and explain the causes of tooth decay.

Define the terms;

- 1) digestion 2)enzyme 3)mating 4)implantation
- 2) how can we test for the present of reducing sugar in food
- 3) state 5 properties of enzyme