

COLLEGE PRIVE BILINGUE MONTESQUIEU

REPUBLIC OF CAMEROON

MONTESQUIEU BILINGUAL PRIVATE COLLEGE

Peace – Work- Fatherland

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YAOUNDE



ANNEE SCOLAIRE 2023/2024

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## FORM 4 BIOLOGY. FOURTH EVALUATION

DURATION : 1:30MINS

SECTION: A ,MCQ( TICK THE CORRECT ANSWER )

- 1) Which factor does not directly affect enzymes activity? (a) Temperature  
(b) PH (c) Light intensity (d) Substrate concentration
- 2) The enzymes that break down Starch into Maltose is called: (a) Lipase  
(b) Amylase (c) Protease (d) Maltase
- 3) HIV primary attack which type of cells in the immune system;  
(a) Red blood cells (b) Platelet (c) T. helper cell (d) B-cells
- 4) Which of the following is not a method of HIV Transmission?  
(a) Sharing needles (b) Unprotected sexual contact (c) Shaking hands  
with an infected person (d) From mother to child during birth
- 5) The Ebola virus is primarily spread through: (a) Air borne transmission  
(b) Direct contact with infected body fluids (c) Contaminated food and  
water (d) Mosquito bites
- 6) Which of the following is a symptom of Ebola ? (a) Skin rash  
(b) Uncontrolled bleeding (c) Weight gain (d,) Increased white blood cells

- 7) Which of the following measures is most effective in preventing Ebola outbreaks ? (a) Vaccination (b) Drinking boiled water (c) Using antibiotics (d) Taking painkillers

#### SECTION B, ANSWER ALL QUESTIONS

- 1) Draw a well labeled diagram of the digestive system of a bird (fowl) .

( 5mks)

- 2) Explain the digestion of food in a rabbit. (6mks)

- 3,a) what are enzymes? (b) Enzymes work most efficiently within narrow temperature range and at a particular PH , give the characteristics of enzymes. (5mks)

- c) Give an account of the role played by enzymes in protein digestion in humans . (4mks)

- 4) Describe HIV/AIDS and Ebola virus under the following terms

(I) Their causative agent. (II) Methods of spread. (III) signs and symptoms (iv) prevention and control. (10mks)

#### SECTION C TEST SKILLS

- 1) How are enzymes important to us? ( 3mks)

Good luck!!!