THE UNITED REPUBLIC OF TANZANIA PRESIDENT'S OFFICE

REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT



ACHIEVE EDUCATIONAL SERVICES NETWORK

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FORM 2 EVALUATION EXAMINATIONS

BIOLOGY

Name:	School:
Region:	District:

SECTION A (30 MARKS)

Answer all questions

- 1. For each of items (i-x) choose the correct answer from item number alternatives and write its letter beside the item number.
 - i. Asthma is characterized by
 - A) Spasm in bronchial muscle B) Damage in diaphragm
 - C) Alveolar wall degradation D) Pain in lungs. E) Leakage in diaphram
 - ii. Attachment site for RNA polymerase on the DNA template is called;
 - A) The promoter
- B) The regulator
- C) The operator
- D) The cistron E) ribosomes
- 2. For each of items (i-x) write TRUE if a statement is correct or FALSE if s statement is not correct in the space provided.
 - i. An excretory function of the liver, delivers from its secretion of break down product of haemoglobin
 - ii. Kitungi's father has been advices by a doctor to reduce his sugar intake as a result of suffering from a certain disease
 - iii. Explain the economic importance of Fungi.

- iv. Without the diagram explain the mechanism of breathing
- 3. Fill in the blank spaces by using the appropriate terms

LIST A	LIST B
 i) Cells between seminiferous tubules ii) The coiled tube for sperm storage iii) The process which sperm are released iv) Gland that produce the fluid which makes 90% of the semen v) Secretes a fluid that provides a favourable medium for mobility of sperms 	A. Copulation B. Ejaculation C. Cowper's gland D. Interstitial cells E. Epididymis F. seminiferous tubules G. Seminal vesicles H. Accessory glands

- 4. Complete each of the following statement by writing the correct answer in the space provides.
 - i. Briefly explain main points of Darwin's theory of evolution
 - ii. Things that we should be provided is called
 - iii. A process of interaction among the peoples; companies, and different nations is known as

iv. What quality do Tanzania leaders have? ____

v. Chemical digestion of PROTEINS begins in which of the following human organs?

SECTION B (50 MARKS)

Answer ALL questions in this section

- 5. a) Define the term (i) diseases. (ii) Health (iii) Immunity
 - b) Give one example of the following diseases.
 - 1. Protozoa disease
 - 2. Viral disease
 - 3. Bacterial disease
 - 4. Fungal disease
- 6. Lugha hutegemea matumizi mbalimbali. Andika msamiati (istlahi) utakaotumika katika Shughuli/ kazi zifuatazo

mfano: Mtu akitaka chungwa mtini, analichuma

- 1. Akitaka asali kwenye mzinga?
- 2. Akitoa ganda la nje la nazi (kumbi)
- 3. Akitoa magamba ya samaki?
- 4. Anapotembea kwa kutumia makalio?

SECTION C (20 MARKS)

Answer any Two (1) questions in this section

- 10. Explain Six factors which affect the rate of photosynthesis process in plant11. Explain six factors which affect the rate of transpiration in plant