

FORM ONE MONTHLY TEST SEPTEMBER, 2020

BIOLOGY

TIME: 2:30 HOURS

INSTRUCTIONS

- (i) This paper consists of three section A, B and C
- (ii) Answer ALL question in this section A,B and one questions in section C
- (iii) ALL answer should be in Answer sheet provided

SECTION A (15 MSRKS)

1. For each of the items (i-x) choose the correct answer among the given alternatives and write its letter.

- (i) Disease causing agent are also known as: ()
A. pathogens B. saprophytes C. parasite D. pests
- (ii) Ring worms is a skin disease caused by: ()
A. Roundworms B. flatworms C. fungi D. ascaris
- (iii) A substance that can catch fire easily is; ()
A. corrosive B. toxic C. flammable D. explosive
- (iv) Which of the following is the list of animal tissue? ()
A. muscle, blood and bone B. brain, bone and liver
C. skin, heart and brain D. muscle, liver and skin
- (v) A biologist discovered a new cell in a culture. the new cell has distinet cell wall but did not have definite nucleus. The cell is most likely to be ()
A. protozoa B. plant C. bacterium D. virus
- (vi) Which of the following is a characteristics of fungi ()
A. prokaryotic B. reproduce by budding
C. bear true roots called hyphae D. photosynthetic
- (vii) The division in which their organisms are found in damper and wet place is called ()
A. coniferophyta B. bryophyte
C. filisnophyta D. pteridophyta
- (viii) A group of a cell tissue which perform the same function is called: ()
A. an organ B. a tissue C. a system D. nucleus
- (ix) If you do not have gloves, you can also use _____ to protect your hands ()
A. socks B. plastic bags C. tins D. a piece of cloth
- (x) The following are unique features of biology laboratory except ()
A. specimen B. model C. aquaria D. fume chamber

2. Match the response in List B with terms in List A

LIST A

- (i) Pathogens
- (ii) Vector
- (iii) Infection
- (iv) Immunity
- (v) Signs

LIST B

- A. Organisms that cause diseases
- B. Organisms which feed on dead organic matter
- C. ability of the body to fight against infection
- D. Things that can not be seen from the patient
- E. Things that can be seen from the patient and measured
- F. Being attacked by pathogen and growth in organisms
- G. Being attacked by Agent and show signs.
- H. Inability to fight against infection or diseases
- I. Organism which transmit diseases
- J. Organism which does not carry diseases

LIST A	I	II	III	IV	V
LIST B					

SECTION B (70 MARKS)

Answer ALL questions in this section

- 3. (a) Define the term classification
(b) Differentiate between Natural classification and artificial classification
- 4. (a) What do you understand by the term Binomial nomenclature
(b) List any four rules of Nomenclature
- 5. (a) Name any four diseases which are caused by viruses
(b) List any four characteristics of viruses
- 6. (a) Name one disease caused by the following
 - (i) Amoeba
 - (ii) Plasmodium
 - (iii) Trypanosome
 - (iv) Fungi
(b) Draw and label the structure of Amoeba
- 7. (a) Explain the meaning of specimen as used in the laboratory
(b) Describe how you would assist your friend who has been stung by a bee.

SECTION C (15 MARKS)

Answer ONE question from this section

8. Write an Essay on Malaria under the following headings
- (a) Cause of Malaria
 - (b) Transmission of Malaria
 - (c) Symptoms and signs of Malaria
 - (d) Prevention of Malaria