

GRADE 11 LIFE SCIENCES MARCH TEST

SECTION A

QUESTION 1

1.1 Various options are provided as possible answers to the following questions. Choose the correct answer and write ONLY the LETTER (A-D) next to the QUESTION NUMBER (1.1.1-1.1.5) on your answer sheet, for example 1.1.5 D.

1.1.1 Which of the following micro-organisms act as decomposers in ecosystems?

- (A) Fungi
- (B) Bacteria
- (C) Plants
- (D) Animals

A () and ()
 B () and ()
 C () and ()
 D () and ()

1.1.2 Malaria is spread by:

- (A) Ticks in tropical regions
- (B) Mosquitoes
- (C) Cockroaches
- (D) Fleas of the house

1.1.3 Protozoa are unlike bacteria in that they...

- (A) Are prokaryotes
- (B) Are eukaryotes
- (C) Are unicellular organisms
- (D) Are multicellular

1.1.4 Which statement best describes the relationship between a parasite and its host?

- (A) The parasite and the host benefit
- (B) The parasite benefits at the expense of the host
- (C) Both host and parasite benefit
- (D) The parasite benefits at the expense of the host

1.1.5 The following statements about HIV are NOT true.

- (A) HIV is a single-celled micro-organism
- (B) HIV can only affect the immune system
- (C) HIV can affect the central nervous system
- (D) HIV can affect the heart and other organs

A () and ()
 B () and ()
 C () only
 D () and ()

[5x2=10]

1.2 Give the correct BIOLOGICAL TERM for each of the following descriptions. Write only the correct TERM next to the QUESTION NUMBER (1.2.1-1.2.4) on your answer sheet.

1.2.1 An organism that can make its own food

1.2.2 An organism that eats dead organisms

1.2.3 The production of new organisms from existing ones

1.2.4 Using living organisms to control harmful populations

(4)

1.3 Indicate whether each of the statements in COLUMN I applies to A ONLY, B ONLY, BOTH A and B or NONE of the items in COLUMN II. Write A ONLY, B ONLY, BOTH A and B or NONE next to the QUESTION NUMBER (1.3.1-1.3.3).

Column I	Column II
1.3.1 Presence of a slime capsule and well-structured nucleus	<input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D
1.3.2 A disease caused by fungi	<input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D
1.3.3 Binary fission is the asexual production of...	<input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D

[3x2=6]

SECTION A: [20]

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JA Banks

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