



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.B. D.

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

- (i) Slime
 - (ii) Fungi
 - (iii) Plant
 - (iv) Tree
- A (i) and (ii)
B (ii) and (iii)
C (i) and (iv)
D (iii) and (iv)

1.1.2 Malaria is spread by:

- A Female Anopheles mosquito
- B Red blood cells
- C Group of bacteria
- D None of the above

1.1.3 Protists are unlike bacteria in that they...

- A Have prokaryotic cells
- B Are unicellular
- C Are not made of cells
- D Are eukaryotic

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

- A The parasite benefits, the host benefits
- B The host is harmed, the parasite benefits
- C Both host and parasite benefit
- D The parasite benefits, the host is harmed

1.1.5 The following statements about HIV are NOT true:

- (i) It can be passed to a child from its mother during pregnancy
 - (ii) It can be passed to a child from its mother during birth
 - (iii) It can be passed to a child from its mother during breastfeeding
 - (iv) The early symptoms of HIV infection are the same as that of other diseases
- A (i) and (ii)
B (ii) and (iii)
C (i) only
D (iii) and (iv)

[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 A bacterium which kills the host's cells and destroys it.

1.2.2 A plant that lives in a symbiotic relationship with a fungus.

1.2.3 The production of new cells from existing cells by mitosis and meiosis.

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	<u>Both A and B</u>
1.3.2 A disease caused by fungi	<u>Both A and B</u>
1.3.3 Binary fission is the asexual production of...	<u>Both A and B</u>

[3x2=6]

SECTION A: [20]

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