

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
GEITA ADVENTIST SECONDARY SCHOOL
FORM FOUR HOLLIDAY PACKAGE 27TH APRIL 2020
BIOLOGY

1. (a) What do you understand by the term family planning?

(b) Briefly explain how the following methods of family planning prevent pregnancy;

- i. Intrauterine device
- ii. Use of condom
- iii. coitus interruptus/withdraw
- iv. Diaphragm
- v. Calendar method/Rhythm method.
- vi. Chemical method such as pill , deppo, and implant.

2. (a) What will happen if the diaphragm is punctured?

(b) Why is not advisable to breathe through the mouth?

(c) After running an athlete continues to respire rapidly. Explain.

(d) Complete the table below with the missing information:

RESPIRATORY ORGAN	FUNCTION	ADAPTIVE FEATURE
Nasal cavity		
Trachea		
Bronchus		
Bronchiole		

Alveolus		
Lungs		

3. (a)state the first Mendel 'sand second laws of inheritance.

(b)Illustrate monohybrid crosses to demonstrate Mendel'slaws of inheritance.

(c) What are the advantage and disadvantage of mutation?.

(d) Briefly explain four theories of origin of life in organic evolution.