

FORM TWO BIOLOGY 2020

CORONA HOLIDAY

Exercise 2

- 1.(a) Define the following terms
 - (i) Osmosis
 - (ii) Diffusion:
- (b) Explain why red blood cells immersed in a low concentrated solution bursts.

- (c) State one function of each of the following cells
 - (i) Red blood cells
 - (ii) Platelets:

2. (a) What is the meaning of the following terms:
 - (i) Food chain.
 - (ii) Trophic levels
- (b) Construct a food chain using the following organisms:
Sheep, Lion, Maize plant and Bacteria.

3. (a) Define photosynthesis
- (b) State two of each of the following
 - (i) Raw materials of photosynthesis
 - (ii) Conditions of photosynthesis
 - (iii) Products of photosynthesis
- (c) Mention three factors that affect the rate of photosynthesis

- 4.(a) Define the following terms
 - (i) Ecosystem
 - (ii) Food chain:

(b) Explain the role of each of the following organisms in the ecosystem.

(i) Producer

(ii) Decomposers:

(c) Produce any four differences between a food chain and food web.

	Food chain	Food web
(i)		
(iii)		
(iv)		
(v)		

5. Elaborate (describe) three traditional methods and three modern methods used in food processing, preservation and storage.