

MODEL ENTRANCE TEST PAPER

BRITISH SECTION

SUBJECT: BIOLOGY

Grade: 9

TOTAL MARKS: 25

Q.1 Choose the correct answer from the given options. [3 M]

1. Which is the original source of the energy which flows through a food chain?
 - (a) Carbon dioxide
 - (b) Oxygen
 - (c) Glucose
 - (d) Sunlight
2. The skin cells of an animal contain 8 chromosomes. How many chromosomes will be present in each of the gametes produced by this animal?
 - (a) 16
 - (b) 8
 - (c) 4
 - (d) 2
3. The coronary arteries carry blood to the
 - (a) Brain
 - (b) Heart muscle
 - (c) Liver
 - (d) Lungs
4. Which substance is present at a lower concentration in the renal artery than in the renal vein
 - (a) Amino acids
 - (b) Carbon dioxide

- (c) Glucose
 - (d) Urea.
5. The amount of lactic acid in muscles increases when they are lacking in
- (a) Carbon dioxide
 - (b) Bicarbonate ions
 - (c) Glucose
 - (d) Oxygen.
6. What is the approximate oxygen content of expired air?
- (a) 0%
 - (b) 4%
 - (c) 16%
 - (d) 20%

Q2. Name the following: - [2m]

1. Type of blood cell that carries oxygen.

2. What is Global Warming?

3. A disease that causes friction at the joints?

4. A Chemical that kills pathogens on living tissues.

Q3. Answer the following questions: - [5m]

1. What is the difference between antiseptic and disinfectant?

2. How are the leaves adapted for gas exchange?

3. What does homozygous mean?

4. What sort of things to animals compete for?

5. What do we call many food chains interconnected?

SAMPLE 2