



Al Sharq Bright International School  
Model Paper for Mid Term Exam 2017-2018

Name: \_\_\_\_\_ Subject: Biology Class: 9 \_\_\_ Date: \_\_\_\_\_

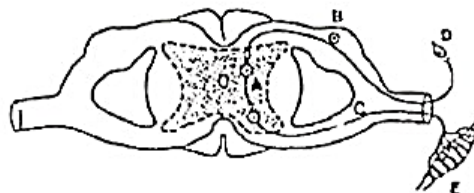
Paper – 1

A. Multiple choice questions.

1. Seed dispersal, fertilization, seed germination and pollination are processes in plant reproduction.

What is the correct sequence for events after pollination?

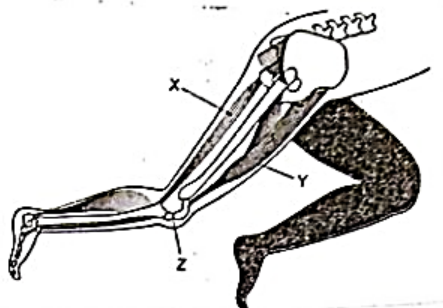
- a) Dispersal → fertilization → germination
  - b) Dispersal → germination → fertilization
  - c) Fertilization → dispersal → germination
  - d) Germination → fertilization → dispersal
2. The diagram shows a nerve pathway involved in a reflex action.



Which structure is a motor neuron?

3. Which word equation represents anaerobic respiration in human muscle?
- a) Glucose → carbon dioxide → ethanol (alcohol)
  - b) Glucose → carbon dioxide → lactic acid
  - c) Glucose → ethanol (alcohol)
  - d) Glucose → lactic acid

4. The diagram shows some bones and muscles in a leg of a human.



What happens to muscle Y and to the leg at joint Z, when muscle X contracts?

	Muscle Y	Leg at joint Z
A	contracts	Bends
B	contracts	Straightens
C	relaxes	Bends
D	relaxes	Straightens

5. Why is yeast used in bread- making?
- Aerobic respiration produces alcohol.
  - Aerobic respiration produces carbon dioxide.
  - Anaerobic respiration produces alcohol.
  - Anaerobic respiration produces carbon dioxide.

### Paper – 3

B. Answer the following questions:

1. Define the following:

- Pollination
- Respiration
- Fertilization

2. Write difference between voluntary actions and involuntary actions.

3. Write the functions of the following structures of human eye.

- Sclera
- Optic nerve

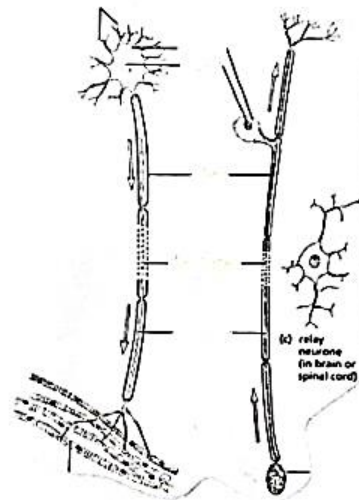
4. Write the uses of energy in human body.

5. Explain the structure of a non-endospermic seed with diagram.

### Paper – 6

C. Alternative to practical:

Label the diagram given below:



**Note: This is just a model not the exam paper.**