

UNIVERSITY OF KIBIANGA

EPE 201-BIOLOGICAL SCIENCES

2ND YEAR 1ST SEMESTER-REGULAR SEPT-DEC 2016

MAIN EXAM

Alveolar sacs
Independent circ.
h.

Answer question ONE and any other TWO questions

1. (a) using appropriate examples define the following terms.

i.) Asexual (2mks)

ii) Anthropodae (2mks)

iii) Anabolism (2mks)

(b) i) Define the composition of blood circulatory system in human beings and animals (3mks)

(ii) Describe major types of pollination found in the environment (5mks)

c.) Describe major chambers of a mammalian heart (5mks)

(d) State types of blood vessels and their functions (6mks)

(e) Identify animals with backbones in the environment and their main characteristics (5mks)

2.) a) Outline the role of hormones in the functioning of human body (10mks)

(b) Identify and give ways of preventing soil erosion in the environment (5mks)

(c) Discuss ways in which the government has been encouraging conservation of the environment (5mks)

3.a) With the help of a diagram describe parts of a flowering plant and their functions (10mks)

(b) Define fertilization in plants and animals (5mks)

(c) Discuss the process of fertilization in plants (5mks)

4. a) Discuss the effects of worm infestation in the body (10mks)

(b) Explain methods of controlling human intestinal worms (10mks)

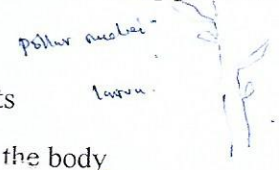
5.) a) State major functions of blood in the human body (5mks)

(b) Define platelets and their role in blood circulation (10mks)

c) Describe three ways that plants benefit from animals (5mks)

Spore
2c
57

Scale
Sexual body
4
1/2
1/4
1/8



Causes anaemia

Deworming
proper cooking of meat
practising hygiene.

Heart
Blood