

**0565 Human Biology 2**

**CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD**

**General Certificate of Education Examination**

**JUNE 2019**



**ORDINARY LEVEL**

Subject Title	Human Biology
Paper No	2
Subject Code No	0565

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**Two and a half hours**

**You are required to answer FIVE questions, choosing THREE from Section A and TWO from Section B. All the questions carry equal marks allocated to parts of questions are indicated.**

**Extra questions answered from each section shall NOT be marked.**

*You are reminded of the necessity for good English and orderly presentation in your answers.*

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**SECTION A**

**Answer THREE questions from this Section**

1. (a) What do you understand by the following terms:  
(i) Peristalsis  
(ii) Absorption  
(iii) Assimilation  
(iv) Egestion?
- (b) In what ways is the ileum adapted to carry out its function of absorption?
- (c) Describe the digestion of food in the ileum.
- (7, 5, 8 marks)**
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2. (a) Define the term respiration.
- (b) Describe how air enters and leaves the human lungs.
- (c) Why is the lung considered as a good respiratory organ?
- (2, 12, 6 marks)**
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3. (a) Define a joint.
- (a) Name four types of synovial (movable) joints found in the human body.
- (c) Draw a well labelled diagram to show the structure of a typical synovial joint.
- (d) Describe how movement is brought about at the elbow joint.
- (1, 4, 5, 10 marks)**
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4. (a) What are:  
(i) Endocrine glands  
(ii) Exocrine glands?
- (b) Draw an outline of the human body, showing the positions of the major endocrine glands.
- (c) Describe how the human kidney regulates the water contents of body fluids.
- (4, 5, 11 marks)**
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5. (a) In tabular form, differentiate between mitosis and meiosis.
- (b) Draw a large and neatly labelled diagram of the lateral view of the male reproductive system.
- (c) State the secondary sexual characteristics of human males.
- (8, 6, 6 marks)**

**SECTION B**

**Answer TWO questions from this Section**

6. (a) Define the following terms related to diseases:
- (i) Symptom
  - (ii) Infectious diseases
  - (iii) Endemic diseases
- (b) Describe the life cycle of the hookworm.
- (c) How can the spread of hookworm infestation be prevented?
- (d) Name TWO other roundworms that infest man
- (6, 8, 4, 2 marks)**
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7. (a) Describe the water cycle.
- (b) State FOUR qualities of a good well, giving a reason for each.
- (c) State FOUR ways by which purified water could be recontaminated at home
- (8, 8, 4 marks)**
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8. (a) Define the following terms as used in ecology:
- (i) Ecosystem
  - (ii) Producer
  - (iii) Consumer
- (b) Describe the flow of energy through an ecosystem.
- (c) What are the effects of global warming on the environment?
- (6, 8, 6 marks)**
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9. (a) Why would you recommend the creation of the following community?
- (i) Geriatric home
  - (ii) Gymnasium
  - (iii) Mortuary
- (b) State the harmful effects of each of the following to the society
- (i) Prostitution
  - (ii) Excessive Alcohol consumption
  - (iii) Defecation in streams
- (8, 12 marks)**
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