

Task #3: Organs and Organ Systems**/34 marks****ANSWER KEY**

Please read the instructions carefully and answer each question in the space provided. Submit your completed worksheet on Edsby by the end of the day on Fri. May 15.

1. Watch the video *Human Body Systems Functions Overview* by clicking on the following link:

<https://www.youtube.com/watch?v=gEUu-A2wfSE>

After watching the video, answer the following questions.

a) Match each body system with the correct function. (11 marks)

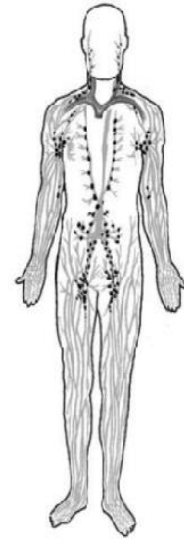
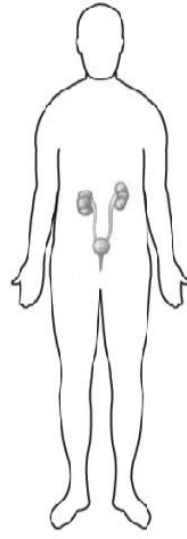
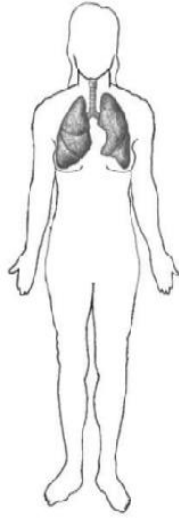
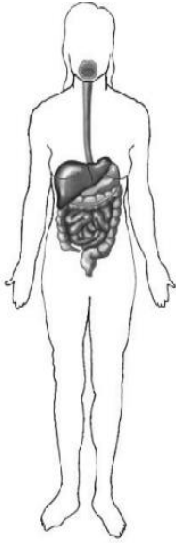
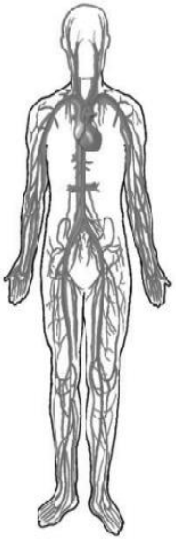
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|-------------------------|---------|---|
| A. Digestive system | ___H___ | Helps the body fight bacteria and viruses. |
| B. Circulatory system | ___F___ | Co-ordinates voluntary and involuntary actions. |
| C. Respiratory system | ___A___ | Breaks down food and absorbs nutrients for all cells of the body. |
| D. Excretory system | ___G___ | Allows for movement. |
| E. Integumentary system | ___J___ | Produces and releases hormones that help maintain body function. |
| F. Nervous system | ___I___ | Important in the production of new offspring. |
| G. Muscular system | ___B___ | Pumps and carries blood throughout the body to deliver oxygen and nutrients. |
| H. Immune system | ___K___ | Provides support and protects internal organs. |
| I. Reproductive system | ___D___ | Produces and releases urine which removes waste from the body. |
| J. Endocrine system | ___C___ | Important for gas exchange: oxygen in, carbon dioxide out. |
| K. Skeletal system | ___E___ | Made up of your skin which protects your internal organs and helps maintain body temperature. |

b) How many bones are in the human body? ___206___ (1 mark)

c) In humans, what is the largest organ? ___skin___ (1 mark)

2. Below are the 11 organ systems of the human body. Identify the organ system that each diagram represents. I have provided a word bank. (11 marks)

Nervous system	Digestive system	Excretory system	Integumentary system
Immune system	Muscular system	Skeletal system	Circulatory system
Endocrine system	Reproductive system	Respiratory system	



Circulatory system

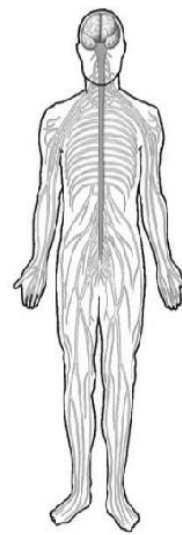
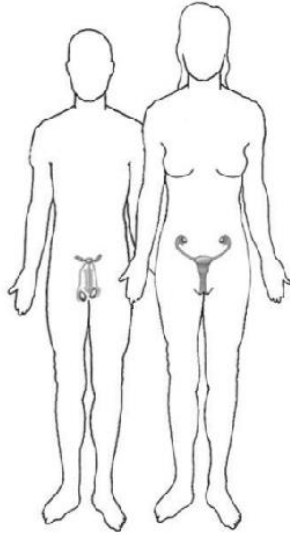
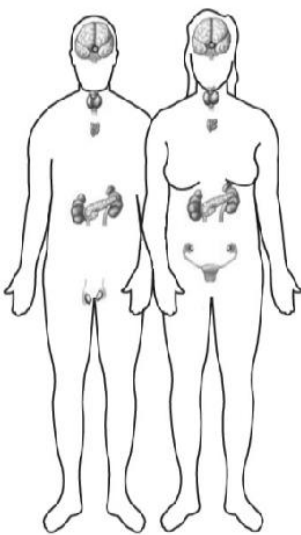
Digestive system

Respiratory system

Excretory system

Immune system

Muscular system



Endocrine system

Reproductive system

Integumentary system

Nervous system

Skeletal system

3. The organs of some of the organ systems are listed in the first column of the chart. For each organ listed, place a check (✓) under the organ system(s) to which it belongs. This will require research. The video will also be helpful. (10 marks)

Hint: There are organs below that belong to more than one organ system and will require more than one check (✓).

ORGANS	ORGAN SYSTEMS							
	Digestive system	Respiratory system	Excretory system	Reproductive system	Circulatory system	Nervous system	Endocrine system	Skeletal system
Large intestine	✓		✓					
Bladder			✓					
Brain						✓		
Ovaries				✓			✓	
Nose		✓						
Liver	✓		✓					
Blood vessels					✓			
Kidneys			✓					
Spinal cord						✓		
Lungs		✓						
Heart					✓			
Small intestine	✓							
Mouth	✓	✓						
Bone								✓
Trachea		✓						
Esophagus	✓							
Skin			✓					
Testes				✓				
Stomach	✓							
Pancreas	✓						✓	