**SNC2D Task – Systems Summary /34 marks**

Please read the instructions carefully and answer each question in the space provided.

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.

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

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

1. How many bones are in the human body? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(1 mark)**
2. In humans, what is the largest organ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(1 mark)**
3. 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 systemImmune systemEndocrine system | Digestive systemMuscular systemReproductive system | Excretory systemSkeletal systemRespiratory system | Integumentary systemCirculatory system |





1. 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** |  |  |  |  |  |  |  |  |
| **Veins** |  |  |  |  |  |  |  |  |
| **Kidneys** |  |  |  |  |  |  |  |  |
| **Spinal cord** |  |  |  |  |  |  |  |  |
| **Lungs**  |  |  |  |  |  |  |  |  |
| **Heart** |  |  |  |  |  |  |  |  |
| **Small** **intestine** |  |  |  |  |  |  |  |  |
| **Mouth** |  |  |  |  |  |  |  |  |
| **Bone** |  |  |  |  |  |  |  |  |
| **Trachea** |  |  |  |  |  |  |  |  |
| **Esophagus** |  |  |  |  |  |  |  |  |
| **Skin** |  |  |  |  |  |  |  |  |
| **Testes** |  |  |  |  |  |  |  |  |
| **Stomach** |  |  |  |  |  |  |  |  |
| **Pancreas**  |  |  |  |  |  |  |  |  |