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| Human Body Systems Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| System | Function(s) | Diagram | Major Organs | Interactions with other systems |
| Digestive | 1. \_\_\_\_\_\_\_\_\_\_\_\_ food2. Absorb \_\_\_\_\_\_\_\_\_3. \_\_\_\_\_\_\_\_\_\_ waste(s)from body  |  | 1. Mouth (salivary glands)
2. E\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. stomach
4. Sm\_\_\_\_ \_\_\_\_\_\_\_\_\_
5. Lg. intestine,

(rectum, anus)1. Pancreas
2. L\_\_\_\_\_\_\_\_\_\_\_\_
3. Gall bladder
 | 1. w/ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ – absorb & ***deliver*** the digestednutrients to the cells2. w/\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ – control the ***contractions*** of many of the digestive organs to pass food along3.w/ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ – ***hypothalamus*** maintains homeostasis by triggering appetite (stomach growling), digest. |
| Excretory | 1. removes \_\_\_\_\_\_\_\_\_ products from cells (urea, water, CO2) |  | 1. K\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. U\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. B\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. U\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Lungs
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_– sweat glands
7. Liver (produces urea)
 | 1. w/***circulatory*** – filters waste out of \_\_\_\_\_\_\_\_\_\_2. w/***lungs*** – removes\_\_\_\_\_\_\_\_\_\_\_\_\_\_ waste3. w/***integumentary*** – removes ***excretory*** waste |
| Circulatory | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ good stuff to the cells (O2, nutrients)
2. Take away \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from cells.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ disease
 |  | 1. H\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. A\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. C\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. V\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Blood (plasma, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, WBC, platelets)
 | 1. w/***respiratory*** – deliver \_\_\_\_\_\_\_ from lungs to cells and drop off \_\_\_\_\_\_\_\_\_\_\_\_ from cells to lungs
2. w/***digestive*** –\_\_\_\_\_\_\_\_\_ and deliver digested \_\_\_\_\_\_\_\_\_\_\_\_\_ to cells
3. w/***excretory*** – kidneys filter ***waste from blood*** for removal
4. w/***lymphatic*** – both transport things to and from cells
5. w/***immune*** – transports ***WBC***s throughout body to fight disease
6. w/\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ – brain controls ***heartbeat***
7. w/***endocrine*** – transfers ***hormones***
 |
| Respiratory | 1. Takes in \_\_\_\_\_\_\_\_\_
2. Removes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and water
 |  | 1. N\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. P\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Trachea
4. Bronchial tubes
5. Lungs / Alveoli
6. D\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 | 1. w/***circulatory*** – takes in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for delivery to cells and removes \_\_\_\_\_\_\_\_\_\_\_\_ brought from cells
2. w/***excretory*** – removes waste like \_\_\_\_\_\_\_\_\_\_
3. w/***nervous*** – controls breathing
4. w/***muscular*** – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ controls breathing (and hiccups)
 |
| Nervous | 1. Gathers and interprets information
2. Re\_\_\_\_\_\_\_\_\_\_\_\_\_ to information
3. Helps maintain homeo\_\_\_\_\_\_\_\_\_\_\_
 | C:\Users\Audrey_Garris\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\52HM2WD2\12[1].pngC:\Users\Audrey_Garris\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\CCDSJ0E6\Nerve.nida[1].jpg | 1. B\_\_\_\_\_\_\_\_\_\_\_
2. Spinal cord
3. N\_\_\_\_\_\_\_\_\_\_\_
4. Nerve cells = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Hypothalamus
 | 1. Controls all other systems
2. Hypothalamus – maintains homeostasis by working with all systems
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| Immune (immune/endocrine) | 1. Fights off ***foreign*** ***invaders*** in the body
 | immune_system_1218.jpg | 1. White B\_\_\_\_\_\_ C\_\_\_\_\_\_\_\_
2. \*T cells
3. \*B cells –produce ***antibodies***
4. Skin
 | 1. w/***circulatory*** – transports \_\_\_\_\_\_\_\_\_\_\_\_ to fight invaders2. w/***lymphatic*** – has lots of WBCs to fight invaders, spleen filters bacteria/viruses out of blood3. w/***skeletal*** – WBCs made in \_\_\_\_\_\_\_\_\_\_\_\_ marrow4. w/***integumentary*** (\_\_\_\_\_\_\_\_\_\_\_) – prevents invaders from getting in |
| Endocrine | 1. ***Regulates*** body activities using \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Slow response, long lasting | Image result for endocrine system clipart free | 1. Glands* Hypothalamus
* Pituitary
* Thyroid
* Thymus
* Adrenal
* Pancreas
* Ov\_\_\_\_\_\_\_\_\_\_\_
* Te\_\_\_\_\_\_\_\_\_\_\_
1. Hormones produced by these glands
 | 1. w/***circulatory*** – transports \_\_\_\_\_\_\_\_\_\_\_\_\_ to target organs2. w/***nervous*** – maintain Homeo\_\_\_\_\_\_\_ , hormone release3. w/***reproductive*** – controlled by hormones4. w/***skeletal*** – controls \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of bones |
| Muscular | 1. Allows for \_\_\_\_\_\_\_\_\_\_\_\_\_\_ by contracting. (They never extend – only contract and relax).
 |  | 1. C\_\_\_\_\_\_\_\_\_\_\_\_\_ muscle
2. S\_\_\_\_\_\_\_\_\_\_ muscle
3. Sk\_\_\_\_\_\_\_\_\_\_\_\_\_\_ muscle
4. Tendons
 | 1. w/***skeletal*** – allow \_\_\_\_\_\_\_\_\_\_\_\_\_\_2. w/***digestive*** – allow organs to push \_\_\_\_\_\_\_\_\_\_\_\_\_ through3. w/***respiratory*** – d\_\_\_\_\_\_\_\_\_\_\_\_\_ controls breathing4. w/***circulatory*** – controls pumping of blood (\_\_\_\_\_\_\_\_\_\_\_\_)5. w/***nervous*** – controls all muscle contractions |
| Skeletal | 1. P\_\_\_\_\_\_\_\_\_\_ organs2. provides shape and support3. S\_\_\_\_\_\_\_\_\_\_\_\_ materials (fats, minerals)4. P\_\_\_\_\_\_\_\_\_\_\_ blood cells5. Allows movement |  | 1. B\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. C\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. L\_\_\_\_\_\_\_\_\_\_\_\_\_\_
 | 1. w/***\_\_\_\_\_\_\_\_\_\_\_\_\_***– allow movement2. w/***circulatory*** – produce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cells3. w/***immune*** – produce white blood cells4. w/***circulatory*** and ***respiratory*** – protects it’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Reproductive | 1. Allows organisms to

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_which prevents theirspecies frombecoming extinct.1. In ***SEXUAL*** reproduction, you typically find MALE and FEMALE parts.
2. In ***HUMANS***, hormones from the reproductive system are responsible for PUBERTY.
 | EndoRepo_D226-27_Male2_sx6730b3EndoRepo_D228-29_Female2_sx6732b3 | 1. O\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = produce eggs
2. U\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Fallopian tubes
4. Vagina
5. T\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = produce sperm
6. Urethra
7. P\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Scrotum
 | 1. w/***endocrine*** – controls production of \_\_\_\_\_\_\_\_ cells2. w/***muscular*** – uterus contracts to give birth controlled by \_\_\_\_\_\_\_\_\_\_ |