

Define the following terms:

1. **Anatomy:** The study of internal and external plants and animals.
2. **Physiology:** The study of the function and processes of the various structures of the human body.
3. **Disease:** A condition in which the body fails to function properly.
4. **Symptom:** Signs or indicators of an illness.
5. **Vital Signs:** Common measurable indicators that help us assess the health of a patient.
6. **Syndrome:** A set group of signs and symptoms for a disease that occur at the same time
7. **Diagnose:** Identification of a disease as determined by the patients symptoms
8. **Prognosis:** The prediction of the outcome of the disease
9. **Homeostasis:** The physiological process that monitors and maintains a stable internal environment or equilibrium. (ie. body temperature)

Answer the following questions :

1. **Look over figure 1.2 page 5. Provide one example of how a medical word is comprised of a prefix, a root word, and a suffix:** – pericarditis (inflammation around the heart)
2. **Complete the “Test Your Knowledge 1-2” questions below.**

Define the medical terms:		
1	Acrocyanosis	Disease of blue extremities
2	Nephrologist	One who studies the kidneys
3	Cytomegaly	Enlargement of cells
4	Dermatitis	Inflammation of skin
5	Appendectomy	Removal of appendix
Give the correct medical term for:		
6	Removal of the stomach	Gastrectomy
7	Disease of the bones	Osteoporosis
8	Electrical recording of the heart	Electrocardiogram
9	Inflammation of the heart	Carditis
10	One who studies the nervous system	Neurologist

3. **Define and list the 4 most commonly used:** Common measurable indicators that help us assess the health of a patient

1	Pulse/heart rate
2	Blood pressure
3	Body temperature
4	Respiratory rate

4. List the 7 locations on the human body where the pulse can be found. Try to locate your pulse in 4 locations.

1	Temporal artery
2	Carotid artery
3	Brachial artery
4	Radial artery
5	Femoral artery
6	Popliteal artery
7	Dorsalis artery

5. Count the beats in 15 seconds and multiply by 4 to record your resting heart rate = \_\_\_\_\_ beats/minute.
6. Try to find the pulse on a partner and calculate their resting heart rate.
7. Repeat the previous 2 questions after doing 30 jumping jacks and record your active heart rate = \_\_\_\_\_ beats/minute.

Review Questions:

Multiple Choice:

1. C    2. B    3. B    4. B    5. D    6. B (You can put a number to it)    7. C

Fill in the Blanks

1. Arthroscope
2. Anatomy and physiology
3. Live and large
4. Vital
5. Positive feedback

Short Answer

1. Diagnose is the identification of a disease as determined by the patients symptoms whereas prognosis is the prediction of the outcome of the disease.
2. It's a cell that swallows things up...like invaders & cell debris.
3. Negative feedback returns a system to homeostasis (a stable internal environment or equilibrium) whereas positive drives it further away from it.
4. Body temperature. Heart rate.
5. Symptoms – Pain in the leg, swelling, x-ray shows fracture  
Prognosis – It should heal itself in 8 weeks  
Etiology – Cause was the stress of the fall  
Treatment – Cast the leg