

Health and Society Partial 2 exam Cheat Sheet by mintella via cheatography.com/182549/cs/37978/

Musculoskeletal System

Function

- Provides form, stability & movement
- Bones protects organs, support bodyweights & gives the shape to the body
- Muscles are attached to bones which allows body movement

Made up of

- Bones
- Muscles
- Tendons
- Ligaments
- Joints
- Cartilages
- Connective tissues

Skeletal system

Axial skeleton:

- Skull: protects brain & facial structure
- Vertebral column: protects spinal cord & supports facial structre
- Thoracic cage: protects organs inside the ches. Eg: heart and lungs.

Apendicular skeleton

- Pectoral girdle (shourlders)
- Upper & lower limbs (arms & legs)
- Pelvic girlde (hips)
 Others
- Joints: connects bone bone, can be fixed, slightly moveable or movable
- Cartilage: shock absorber
- Ligaments: stablizes joints

Musculoskeletal System (cont)

- Tendons: Connects bones to muscle

Muscular system*

Three types of muscle:

- Skeletal: voluntary & striated, provides movement
- Smooth: involuntary & non-striated, found in organs
- Cardiac: involuntary & striated, the heart

Musculoskeletal diseases

Osteoporosis

- Loss of bone mass
- Occurs when creation of new bones can't keep up
- Bone becomes weak and

Osteoarthritis

- Most common form of arthritis
- Occurs when cartilage wears down over time
- Produces pain, loss of flexibility in joints, etc.

Sprain

- Stretch or tear of ligaments
- The position of bone is forced to move from original place

Fracture

- Break in the bone

Bone cancer

- Cancerous cell grows & destroys normal bone tissue.

Muscular dystrophy

- Progressive weakness & loss of muscle mass.

Digestive system

Functions

- Ingestion: consuming food
- Digestion: mechanical &chemical break down of molecules
- Absorption: nutruients absrobed in small intestine and water in large intestine
- Elimination: disposing non-digested food

Consists of

- Oral cavity: ingesting food trhough mechanical & chemical digestion
- Pharynx: transition from mouth to esophagus
- Epigoltis: cartilage that seals windpipe during eating
- Esophagus: moves food downwards by peristalsis (swallowing)
- Stomach: breakdown of food by acids & enzymes -> turns into a liquid called chyme
- Small intestine: duodenum is the first segments & takes it down further, jejunum & ileum absorbs nutrients into the bloodstream by the intestine's wall
- Large intestine: absorbs water & then helps with the elimination process
- Rectum: holds the stool

Digestive system (cont)

- Anal: controls whether it realses it or holds it

Accessory organs

- Liver: produces bile for fat digestion, & filters toxins & chemicals
- Gall bladder: biles is stored & relased when fatty food is absorbed
- Pancreas: releases digestive enzymes into the duodenum to help digest fats, protein and carbs

Digestive system system diseases

Gastritis

- Inflammation, irritation or reosion in the stomach's lining
- Caused by bacterial intection & can be spread from person person
- Signs & symptoms are abdominal pain, nasuea, loss of appetite, frequent burping, bloating & weight loss.
- Treatment: antibiotics & acid suppressing drugs

Colitis

- Inflammation and uclers in the digestive tract
- Caused by weak immune system, diet & stress
- Signs & symptoms are diarrhea, abdominal pain, rectal bleeding, weight loss, fatigue & fever
- Treatment: drugs or surgery

Appendictis

- Inflammation of appendix



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Digestive system system diseases (cont)

- Caused by infection in the appendix because of a blockage in the lining
- Signs & symptoms are pain in lower right abdomen, nausea, vomiting, loss of appetite, fever, constipation, diarrhea & abdominal bloating
- Treatment: surgery

Hepatic

- Late stage of scarring of the liver.
- Caused by many forms of liver diseases & conditions
- Signs & symptoms are fatigue, easy bleeding & bruising, swelling in the lower extremities, weight loss, jaundice, fluid accumulation in abdomen, spiderlike blood vessel & redness in palms
- Treatment: depends on the severity

Gallstones

- Hardened deposits of digestive fluids ion gallbladder
- Caused by too much cholesterol in bile, excess bilirubin or gallbladder doesn't empty correctly
- Signs & symptoms are sudden intense pain in upper right abdomen, back pain, nausea or vomiting
- Treatment: surgery

Stomach cancer

- Cancer cell in stomach

Digestive system system diseases (cont)

- Caused by cancerous cell in the stomach
- Signs & symptoms are difficulty in swallowing, bloating, heartburn, nausea, stamich pain, weight loss
- Treatment: surgery, chemotheraphy, readiation theraphy

Pancreatic cancer

- Cancer in pancreas
- Caused by cancerous cells in the pancrea
- Signs & symptoms are abdominal pain, weight loss, jaundice, light colores stools, cark coloured urine, blood clots & fatigue
- Treatment: surgery, chemotheraphy, readiation theraphy

Respiratory system

Functions

- Pulmonary Ventilation (



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