Cheatography

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 hrittle 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

Dislocation

Fracture

Bone cancer

- The position of bone is forced

to move from original place

- Cancerous cell grows &

destroys normal bone tissue.

- Progressive weakness & loss

- Break in the bone

Muscular dystrophy

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

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- 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

lespiratory system

Functions

- Pulmonary Ventilation (

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