

DIGESTIÓ. ANIMACIONS

1. Calories en un entrepà: http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_calories_in_a_sandwich.html

Anota aquí les calories i la composició en nutrients de l'entrepà que has fet:

2. Nutrients segons edat i sexe: http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter25/animation_relationship_of_nutrient_needs_to_age_and_gender.html

1. What is the vitamin C requirement for a 20 year old male?
 - A) 75 mg/d
 - B) 85 mg/d
 - C) 90 mg/d
 - D) 15 mg/d
2. In adulthood, do males or females generally have higher vitamin A requirements?
 - A) females
 - B) males
 - C) they both have the same vitamin A needs
 - D) neither needs vitamin A
3. Which of the following groups have the highest folate requirements?
 - A) non-pregnant 19-30 year old females
 - B) 19-30 year old males
 - C) 51-70 year old males
 - D) pregnant 19-30 year old females
4. Which of the following groups have the highest iron requirements?
 - A) non-pregnant 19-30 year old females
 - B) 19-30 year old males
 - C) non-pregnant 14-18 year old females
 - D) 14-18 year old males
5. In adulthood, do males or females generally have higher magnesium requirements?
 - A) females
 - B) males
 - C) they both have the same magnesium needs
 - D) neither needs magnesium

3. Òrgans implicats: http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter24/animation_organs_of_digestion.html

1. Involuntary muscle contractions which move a bolus through the gastrointestinal tract are called

- A) mastication.
 - B) peristalsis.
 - C) defecation.
 - D) chime.
2. Hydrochloric acid is secreted in the
 - A) esophagus.
 - B) stomach.
 - C) small intestine.
 - D) large intestine.
 3. Most nutrient absorption occurs in the
 - A) esophagus.
 - B) stomach.
 - C) small intestine.
 - D) large intestine.
 4. What organ produces bile?
 - A) liver
 - B) small intestine
 - C) pancreas
 - D) stomach
 5. Which of the following is the correct order for the major parts of the gastrointestinal tract?
 - A) esophagus, stomach, large intestine, small intestine, mouth

- B) mouth, stomach, esophagus, large intestine, small intestine
- C) mouth, small intestine, stomach, esophagus, large intestine
- D) mouth, esophagus, stomach, small intestine, large intestine

4. Tres fases en la digestió gàstrica: http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter24/animation_three_phases_of_gastric_secretion.html

1. Which of the following hormones does not inhibit gastric gland secretions?
 - A) secretin
 - B) gastrin
 - C) gastric inhibitory peptide
 - D) cholecystokinin
2. Which of the following does not occur during the gastric phase of gastric secretion?
 - A) Gastrin begins to be secreted by the lower part of the stomach.
 - B) Hydrochloric acid and pepsin secretion is stimulated in the upper and middle parts of the stomach.
 - C) Tactile sensation of food in the mouth sends nervous impulses to the medulla oblongata.
 - D) all of the above
 - E) none of the above
3. Which of the following inhibits the secretion of the gastric glands?
 - A) duodenum pH of less than two
 - B) lipids in the stomach
 - C) gastrin
 - D) A and B
 - E) A and C
4. The medulla oblongata controls gastric secretion both by the parasympathetic branch of the nervous system and the endocrine system.
 - A) True
 - B) False
5. Distention of the stomach has a direct stimulatory effect on the gastric glands.
 - A) True
 - B) False

5. Reflexes en el còlon: http://highered.mcgraw-hill.com/sites/0072507470/student_view0/chapter24/animation_reflexes_in_the_colon.html

1. Mass movements in the colon are stimulated by...
 - A) food in the stomach.
 - B) chyme in the duodenum.
 - C) feces in the rectum.
 - D) A and B
 - E) A, B, and C
2. Mass movements of the colon are integrated by...
 - A) the enteric plexus.
 - B) parasympathetic reflexes.
 - C) local reflexes.
 - D) A and B
 - E) B and C
3. Defecation is stimulated by...
 - A) the enteric plexus.
 - B) parasympathetic reflexes.
 - C) local reflexes.
 - D) A and B
 - E) B and C
4. Defecation reflexes are stimulated by the presence of feces in the rectum.
 - A) True
 - B) False
5. Mass movements of the colon propel its contents toward the rectum.
 - A) True
 - B) False