

MULTIPLE CHOICE QUESTIONS

1. Given below from (i) to (iv) are some food items.
- (i) Boiled and mashed potato
 - (ii) Glucose solution
 - (iii) A slice of bread
 - (iv) Mustard oil

Which of the above will give blue-black colour when tested with iodine?

- (a) (i) and (ii)
- (b) (i) and (iii)
- (c) (ii) and (iii)
- (d) (iii) and (iv)

2. Which of the following pair of teeth differ in structure but are similar in function?
- (a) canines and incisors.
 - (b) molars and premolars.
 - (c) incisors and molars.
 - (d) premolars and canines.

3. Read carefully the terms given below. Which of the following set is the correct combination of organs that do not carry out any digestive functions?
- (a) Oesophagus, Large Intestine, Rectum
 - (b) Buccal cavity, Oesophagus, Rectum
 - (c) Buccal cavity, Oesophagus, Large Intestine
 - (d) Small Intestine, Large Intestine, Rectum

4. The swallowed food moves downwards in the alimentary canal because of
- (a) force provided by the muscular tongue.
 - (b) the flow of water taken with the food.
 - (c) gravitational pull.
 - (d) the contraction of muscles in the wall of food pipe.

5. The acid present in the stomach
- (a) kills the harmful bacteria that may enter along with the food.
 - (b) protects the stomach lining from harmful substances.
 - (c) digests starch into simpler sugars.
 - (d) makes the medium alkaline.
6. The finger-like outgrowths of *Amoeba* helps to ingest food. However, the finger-like outgrowths of human intestine helps to
- (a) digest the fatty food substances.
 - (b) make the food soluble.
 - (c) absorb the digested food.
 - (d) absorb the undigested food.
7. Read the following statements with reference to the villi of small intestine.
- (i) They have very thin walls.
 - (ii) They have a network of thin and small blood vessels close to the surface.
 - (iii) They have small pores through which food can easily pass.
 - (iv) They are finger-like projections.

Identify those statements which enable the villi to absorb digested food.

- (a) (i), (ii) and (iv)
- (b) (ii), (iii) and (iv)
- (c) (iii) and (iv)
- (d) (i) and (iv)

8. The false feet of *Amoeba* are used for
- (a) movement only.
 - (b) capture of food only.
 - (c) capture of food and movement.
 - (d) exchange of gases only.
9. The enzymes present in the saliva convert
- (a) fats into fatty acids and glycerol.
 - (b) starch into simple sugars.
 - (c) proteins into amino acids.
 - (d) complex sugars into simple sugars.

10. Cud is the name given to the food of ruminants which is
- (a) swallowed and undigested.
 - (b) swallowed and partially digested.
 - (c) properly chewed and partially digested.
 - (d) properly chewed and completely digested.
11. Choose the correct order of terms that describes the process of nutrition in ruminants.
- (a) swallowing → partial digestion → chewing of cud → complete digestion
 - (b) chewing of cud → swallowing → partial digestion → complete digestion
 - (c) chewing of cud → swallowing → mixing with digestive juices → digestion
 - (d) swallowing → chewing and mixing → partial digestion → complete digestion
12. Cellulose-rich food substances are good source of roughage in human beings because
- (a) human beings do not have cellulose-digesting enzymes.
 - (b) cellulose gets absorbed in the human blood and converts into fibres.
 - (c) the cellulose-digesting bacteria convert cellulose into fibres.
 - (d) cellulose breaks down into smaller components which are egested as roughage.