

11. Choose the correct order of terms that describe 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

Assertion-Reason Codes:

- (a) If both Assertion and Reason are true and Reason is the correct explanation of Assertion.
- (b) If both Assertion and Reason are true and Reason is not the correct explanation of Assertion.
- (c) If Assertion is true but Reason is false.
- (d) If both Assertion and Reason are false.

12. Assertion: Ruminants feed on cellulose rich food.
Reason: Ruminants possess longer small intestine.

13. Assertion: Most of the protein digestion occurs in stomach.
Reason: The acidic environment of stomach helps in protein digestion.

14. Assertion: Each tooth is embedded in separate socket in gums.
Reason: Permanent set of teeth last throughout the life.

15. Assertion: Human beings cannot eat and digest cellulose.
Reason: The enzymes required for digestion of cellulose are absent in humans.

16. Assertion: Bile is secreted from the gall bladder.
Reason: Bile plays an important role in the digestion of fats and carbohydrates.

17. The dental formula for adult human beings is

(a) 2123 / 2123	(b) 3142 / 3143	(c) 2102 / 2102	(d) 3131 / 3121
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18. Which of the following is called the true stomach in ruminants?
(a) Abomasum (b) Omasum (c) Rumen (d) Reticulum