

MATRIC NO.:

DEPT.:



UNIVERSITY OF AGRICULTURE, ABEOKUTA

Department of Animal Physiology

ANP 201: CONTINUOUS ASSESSMENT TEST, 1ST SEMESTER, 2006/2007 SESSION

Answer all questions

Time: 1 hour

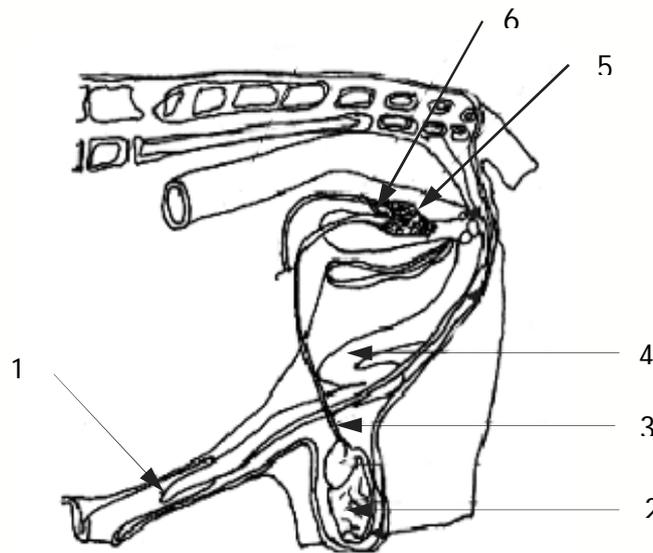


FIGURE 1.

1. The part labeled 1 in Figure 1 is the: a) Epididymis b) Ampulla c) Ductus deferens
d) Vesicular gland e) Testis
2. The part labeled 2 in Figure 1 is the: a) Prostate b) Ampulla c) Testis d) Isthmus
e) Vesicular gland
3. The part labeled 3 in Figure 1 is the: a) Epididymis b) Ductus deferens c) Oviduct
d) Isthmus e) Cervix
4. The part labeled 4 in Figure 1 is the: a) Colon b) Prepuce c) Rectum d) Sigmoid
flexure e) Retractor penile muscle
5. The part labeled 5 in Figure 1 is the: a) Ampulla b) Isthmus c) Vesicular gland
d) Urethra e) Ovary

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6. The part labeled 6 in Figure 1 is the: a) Prostate b) Isthmus c) Vesicular gland
d) Ampulla e) Ductus deferens
7. The primary organ of reproduction in the female is the: a) uterus b) ovary c) vagina
d) Fallopian tube e) Foetus
8. Which of the following is not a function of the uterus? a) Sperm capacitation
b) Gestation c) Parturition d) Sperm transport e) None of the above
9. Which is the correct sequential order of tissue growth?
 - a) Central nervous system, bones, tendons, inter-muscular fat, muscles
 - b) Bones, central nervous system, inter-muscular fat, muscles, tendons
 - c) Central nervous system, muscles, bones, tendons, inter-muscular fat
 - d) Central nervous system, bones, tendons, muscles, inter-muscular fat
 - e) Inter-muscular fat, central nervous system, bones, tendons, muscles
10. List the three embryonic cell layers which give rise to tissues during prenatal growth
.....
11. Which of the three cell layers in question 10 gives rise to the skin, hair, brain and spinal
Cord?.....
12. The tubular genitalia in the female mammal comprise of:
13. Mention the 4 functions of the mouth in pigs and cattle:
 - i.
 - ii.
 - iii.
 - iv.
14. The gastric juice secreted in the Monogastric stomach contains:
 - i.
 - ii.
 - iii.
 - iv.
15. Bile is secreted by the..... and functions in:
 - i.
 - ii.

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16. Name the enzymes involved in the following:

- a) Hydrolysis of maltose to glucose.....
- b) Hydrolysis of sucrose to glucose and fructose.....
- c) Hydrolysis of lactose to glucose and galactose.....
- d) Hydrolysis of peptides to amino acids.....

17. The ruminant stomach is divided into.....,,
..... and

18. Microbial digestion or fermentation in the ruminant stomach takes place in the
..... and

19. Cellulose, hemicellulose and lignin are rapidly fermented in the rumen. **True or False?**

20. The abomasum is comparable to the simple stomach of the Monogastric animals in
function. **True or False?**

21. What is the function of the crop in the digestive system of the domestic fowl?

.....

22. In the domestic fowl, breaks down grains into smaller bits
with the aid of grits.

23. Define the following anatomical terms:

- i. Cranial:
- ii. Caudal:
- iii. Ventral:
- iv. Frontal plane:
- v. Transverse plane:

24. Give the vertebral formulae of the following species of animals:

- i. Caprine:
- ii. Canine:
- iii. Porcine:
- iv. Equine:
- v. Avian:

25. Fill in the gaps:

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- i. The humerus articulates distally with
- ii. The radius and ulna form the bones of the
- iii. Large intestine consists of, and
- iv. Three groups of mammary glands are, and

26. Answer True or False:

- i. The rumen of a horse is bigger than that of a goat.
- ii. The oesophagus is a long slender tube located between the stomach and intestine.
- iii. The canine teeth of cattle are stronger than those of a cat.
- iv. Every female animal has a pair of ovaries.
- v. The epididymis is for storage of spermatozoa.

27. The male sex hormone is called

28. The female sex hormone is known as

29. Write the following in full:

- i. FSH
- ii. LH

30. This hormone is produced in small quantities in almost all cells and is used in the lysis of the corpus luteum in domestic animals

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