1. Name the parts labeled on the picture of the ram’s reproductive system below and define the functions of a, c and e.
	1.
	2.
	3.
	4.
	5.



1. True or False? Ram semen is extremely concentrated when compared to boar or bull semen?
2. What is a Breeding Soundness Exam (BSE)?
3. What age do ewes and rams normally reach puberty?
4. What four factors can affect the age where sheep reach puberty?
	1.
	2.
	3.
	4.
5. What is anestrus in ewes?
6. What are three types of anestrus?
	1.
	2.
	3.
7. What is the average length that estrus lasts in ewes?
8. What are hormones?
9. Match the following reproductive hormones with their function.
	1. Estrogen
	2. FSH
	3. GnRH
	4. Progesterone
	5. Testosterone maintains pregnancy

 stimulates the production of sperm

 development of sex organs in the ram

 development of sex organs in the ewe

 triggers the release of FSH and LH

1. What are genetics?
2. Write the heritability percentage on the line to the right, then rank the following heritability traits from 1-8 lowest (least heritable) to highest (most heritable).

Rank Trait Heritability (%)
 birth weight

 fleece yield

 carcass weight

 age at puberty

 lamb survival

 staple length

 dressing percent

 fleece color