Biology 483 - Exam III Fall 2022

Name:
1. Briefly define or give the significance of the following (2 pts. each).
Plantigrade -
Endotheliochorial -
Iteroparous -
Frictional drag -
Propatagium -
Angle of attack -
Baculum -
Antechinus -
Meckel's cartilage-
Camber-
2. What is the chain of transmission of sound waves in early synapsids (6 pts.)?

3. Please explain the how styliform cartilage functions during gliding in flying squirrels (8 pts.)?
4. Please resolve force vectors operating during a bite in cynodonts (10 pts.).

5.]	Please early pts.).	illustrate stage (the	the develo	opment of the	e choriovito ians - 5 pts)	e lline place and the lat	ntas of meta er stage, jus	therians. Inc t at attachme	lude the ant (5
				n epitheliocl ation (12 pts)	_	enta. Indica	te the tissue	layers separa	ating

7. What is a cannon bone (4 pts)? Please describe two ways that it serves to increase running speed of a cervid (10 pts.).					
9. Briefly describe each type of eutherian uterus (4 pts.).					
Simplex -					
Duplex -					
Bipartite –					
Bicornate –					

9 Using the front limb as an example, please indicate the trade-off between maximizing out force and our velocity (16 pts.).						