Questions from the "Anatomy and Embryology of Bovine Palpation" presented on 10-20-05 10-27-05

All questions refer to the ox (cow or bull)

1.	The openings of the canals of Gartner (Longitudinal ducts of Epoophoron) in the cow should be just lateral to the cranial level of the							
	a.	Clitoral fossa						
	b.	External urethral orifice						
	c.	Vaginal fornix						
	d.	Middle of the vestibule						
	e.	Middle of the vagina						
2.	The ligament of the uterus usually used to pull the enlarged uterus back into the pelvic cavity for palpation is the							
	a.	Broad ligament						
	b.	Dorsal intercornual ligament						
	c.	Ventral intercornual ligament						
	d.	Round ligament of the uterus						
	e.	Proper ligament of the ovary						
3.	The uterine artery (middle uterine artery) takes origin from the artery which is a branch of the artery.							
	a.	Umbilical, internal iliac						
	b.	Internal iliac, umbilical						
	c.	Umbilical, external iliac						
	d.							
	e.	Umbilical, internal pudendal						
	f.	Internal pudendal, umbilical						
4.		The uterine branch (caudal uterine artery) takes origin from the artery which is a branch of the artery.						
	a.	Vaginal, internal iliac						
	b.	Internal iliac, vaginal						
	c.	Vaginal, internal pudendal						
	d.	Internal pudendal, vaginal						
	e.	External iliac, aorta						
5.		The uterine artery has a rectally palpable fremitus by about days, and the uterine						
		branch has a fremitus <u>late/early</u> in pregnancy that can be palpated through the lateral wall of the vagina <u>True/False</u>						
	a.	40, late, true	e.	40, late, false				
	b.	70, late, true	f.	70, late, false				
	c.	40, early, true	g.	40, early, false				
	d.	70, early, true	h.	70, early, false				

6.	allow pregn the fa	varian artery and vein have extensive branching and intimate contact with each other that s prostaglandins produced in the uterus to diffuse from the veins to the arteries that if not ant produces of the corpus luteum. This phenomenon is consistent with ct that the uterine vein (middle uterine vein) is relatively small or even absent and the main as drainage of the uterine horns is via the ovarian veins. True/False					
	a.	Development, True					
	b.	Development, False					
	c.	Regression, True					
	d.	· · · · · · · · · · · · · · · · · · ·					
7.	Comparing the Graafian follicle and a mature corpus luteum the one which is about 1-2 cm is the and the one that is about 1.9 to 3.2 cm is the Considering						
	the CL of pregnancy and the CL of the estrous cycle they <u>can/can't</u> be differentiate on the basis of size or weight.						
	a.	Graafian follicle, CL, can					
	b.	Graafian follicle, CL, can't					
	c.	CL, Graafian follicle, can					
	d.	CL, Graafian follicle, can't					
8.	Considering the granulosa lutein cells of the corpus luteum, these cells originate from the, and produce progesterone and/but not estrogen, and are/are not the major						
	cells of the corpus luteum.						
	a.	Membrana granulosa, but not, are not					
	b.	Theca externa, but not, are not					
	c.	Theca interna, but not, are not					
	d.	Membrana granulosa, and, are					
	e.	Theca externa, and, are					
	f.	Theca interna, and, are					
9.	The s	tigma is the portion of the that blood vessels.					
	a.	Corpus luteum, has					
	b.	Graafian follicle, has					
	c.	Corpus luteum, does not have					
	d.	Graafian follicle, does not have					
10.	The most common neoplasm of the cow ovary is the neoplasm that is						
	of origin, and typically produces a uterine wall that is						
	a.	Theca externa cell. sex cord stromal, flaccid					
	b.	Granulosa cell, sex cord stromal, flaccid					
	c.	Theca externa cell, primordial cell, flaccid					
	d.	Granulosa cell, primordial cell, turgid					
	e.	Theca externa cell, primordial cell, turgid					
	f.	Granulosa cell, sex cord stromal, turgid					

11.		der from ovary to uterine horn							
	segn	nents. The,		and	with the	being			
	the l	ongest of the 3 segments.							
	a.	Infundibulum, ampulla, isth	mus amn	บปไล					
	b.	Infundibulum, isthmus, ampulla, ampulla							
	c.	Ampulla, isthmus, infundibulum, ampulla							
	d								
		Infundibulum, isthmus, ampulla, isthmus							
	b. с.	Ampulla, isthmus, infundib							
12.	Bv d	By definition the conjugate diameter is <u>longer/shorter</u> that the vertical diameter of the pelvic inlet							
	and by anatomy the pelvic inlet is <u>larger/smaller</u> than the pelvic outlet with the totally osseous								
	opening being the outlet/inlet.								
	a.	Longer, larger, inlet							
	b.	Longer, larger, outlet							
	c.	Longer, smaller, inlet							
	d.	_							
		Longer, smaller, outlet Shorter, larger, inlet							
	e.								
	f.	Shorter, larger, outlet							
	g.	Shorter, smaller, inlet							
	h.	Shorter, smaller, outlet							
13.		In a medium sized non-pregnant cow and with a medium sized palpator the ovaries should be at							
		about the level of your finger tips when your is at the level of the							
	vulv	ular cleft.							
	a.	Wrist							
	b.	Elbow							
	c.	Shoulder							
14.	The	The placenta of the cow is a,,							
		placenta.							
	a.	Syndesmochorial, Cotyledo	narv, parti	ially (delaved)	deciduate				
	b.								
	c.								
		d. Epitheliochorial, Cotyledonary, non-deciduate							
	e.	Syndesmochorial, diffuse, partially (delayed) deciduate							
	f.	Epitheliochorial, diffuse, partially (delayed) deciduate							
	g.	Syndesmochorial, diffuse, non-deciduate							
	h.	Epitheliochorial, diffuse, no							
15.	In th	In the cow the uterine tubes, uterine horns, cervix and at least the cranial part of the vagina							
		lop from the			_	agilia			
		•							
	a.	Wolffian ducts	e.	Gartner's c					
	b.	Mullerian ducts	f.		al Duct of Epoophoron				
	c.	Mesonephric ducts	g.	Pronephric					
	d.	Paramesonephric ducts	h.	Metanephri	c ducts				