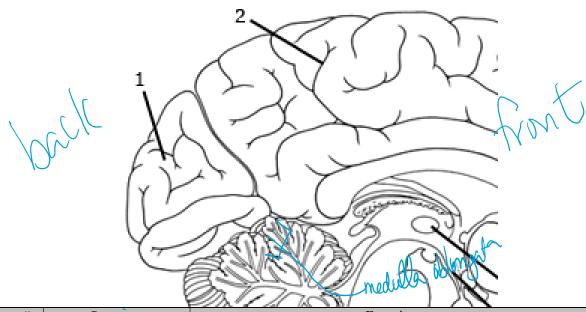
## NERVOUS & REPRODUCTIVE SYSTEM PRACTICE TEST

Name:

## Learning Goal #1 $\rightarrow$ I can explain the various parts of the nervous system

1. Label the parts of the brain and state the function of each structure

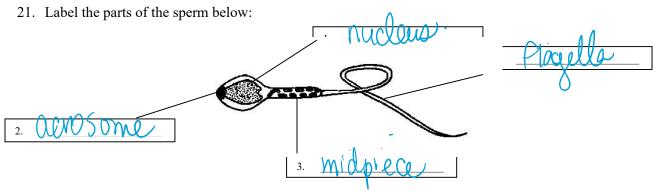


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Diagram #	Structure	Function	
1	occipital los	e vision	
2	parieta los	e emotion,	
3	frontal lobel	rational thought/logic	
4	Corpus Callos	sun connection of right + left hemi	sohre
5	Inllanus	sleen	
6	hypothallami	15 homeostasis	
7	PITLUTON	rierete ADH and FSH/LH	
8	DM5	bridge connecting acceptlum construir	Λ
9	bransten	incomine mestales.	
10	Cerebellum	bulance	

2. Draw a flow chart that includes all the different parts of the nervous system: Nervous System mistry 3. Mrs. Becker is attempting to hike up Giants Head Mountain. How does her respiratory system and her nervous system/help her do so? Be specific Learning Goal #2  $\rightarrow$  I will be able to explain the structures and functions of the male and female reproductive system and hormones Once meiosis is completed, a egg cell will have 1. 010 23 pairs of chromosomes. 23chmo b. 46 pairs chromosomes. 23 chromosomes. 46 chromosomes. 2. Sperm cells will mature in the seminiferous tubules. vas deferens. seminal vesicles. epididymis. 3. The function of the testes is the production of a. eggs and the hormone estrogen. b. sperm and the hormone testosterone sperm and the hormones estrogen and testosterone.

sperm and the hormone testosterone and FSH

4. Which of the following secretes zinc to help stabilize the DNA in the sperm? a. Prostate gland b. Epididymis. c. Cowper's gland. d. Seminal vesicle. 5. Label the below diagram: 6. In the human male, hormones from the stimulate production of testosterone in the . testes; seminiferous tubules b. testes; seminal vesicles anterior pituitary gland; leydig cells hypothalamus; leydig cells 7. restosterone is a steroid hormone made by the interstitial cells of the testes. b. causes secondary sex characteristics in males controlled by a negative feedback system 8. In the human female, the uterine cycle is on the average 20 days. 24 days. b. 28 days. 32 days. 9. Days 6 - 13 of the <u>uterine cycle</u> is called the a. follicular phase. b. proliferative phase. c. menses. d. secretory phase. 20. The hormone FSH is produced by the anterior pituitary and acts directly on the ovary. is produced in the ovary and acts directly on the pituitary. b. c. is produced in the ovary and acts directly on the uterus. d. is produced in the anterior pituitary and acts directly on the uterus.



22. Describe what is happening in each of the below phases. In addition, add what hormones are impacting each phase

Phase	What is happening	Hormones involved
Menstrual Flow	-endometrial lining sloughs	- drop in progestoone
Proliferation	- byilding of new endometrial	- whogen 1
Secretory	-maturing of endometrial.	progestioner

## Learning Goal #2 → I will be able to explain the process of fertilization and pregnancy

1. A couple is having trouble trying to conceive and it was shown that the female had lower than normal estrogen
levels. Explain how this could affect her ability to get pregnant. Give 2 possibilities
- low lotrogen could prevent or what on
and domatically
- in addition low introgen will cause a trun injurior
2. What are the 4 stages of fertilization.
2. What are the 4 stages of fertilization?    Spum Olndung (Spum) bind to zona pellucidary   Consequence   Consequ
2 duosome reaction (sperm enrymes released)
3. Cost cal (eachin priveto polypum)
t and transple (baland = dintaid)
$\frac{1}{2}$
What are the similarities and differences in monozygotic and dizygotic twin development?  Worning to the over the symm. If you are good to the symmetry of the
Menoral Menoral of the over the one stories stories
in clarage, tach ac i wing,
Caterral Dizygotic > 2 ova + & sporm. Faternal twins.
4. What is the hormone involved in labour? How does this work?
- Oxytocin made in hypothalamus + released by pituring
- OXM 10000 Minus
- causes contraction of fundus of uteus.
Courses values and
- letus head hit cervix - coursing release of
more oxy tocum a disting the dialog to the
TILLY ON TOUR STATE TO THE TOUR STATE TO THE TOUR STATE TO THE STATE T