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2.

1. In slide numbered 1, write the identities of the five brain subdivisions, using both English and Greek or Latin names.

a) <u>.</u>	
b) .	
c) _	
-	
ı slide	numbered 5, identify the brain parts indicated by the letters.
n slide	numbered 5, identify the brain parts indicated by the letters.
n slide	
n slide	

3. In slide numbered 7, answer the question by tracing the pathway in red. Then answer the question.

Z Locate a local reflex channel. What function might such a pathway serve?



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4. In the mammalian brain diagrams below (slide numbered 8), draw a primary sensory neuron with an axon entering the middle of the spinal cord, and then draw one neurons with an axon that belongs to the spinothalamic tract. Do this on each of the two drawings.



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5. In the slide numbered 9, identify all the missing labels while not looking at the labeled figure:



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Х		
Y		
Ζ		
ZZ		

- 6. In the slide numbered 12, identify the missing labels indicated by letters:
 - A. ______ B. _____ C. _____ D. _____

7. In the slide numbered 13, identify the missing labels:

- A. ______ B. _____ C. _____
- D. _____
- 8. In the slide numbered 15, identify the labels indicated by the letters:



9. In the slide numbered 17, what is the missing label replaced by the X?

10. In the slide numbered 19, identify the labels indicated by the letters:

A. ______ B. _____ C. _____

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- D. ______ E. _____
- F. _____
- 11. In the mammalian brain diagrams below (slide numbered 8), draw a primary sensory neuron with an axon entering the middle of the spinal cord, and then draw one neurons with an axon that belongs to the dorsal column, synapsing on a neuron with an axon of the medial lemniscus (draw that too). Do this on each of the two drawings.



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12. In the slide numbered 21, identify the labels that have been replaced with letters:



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13. In the mammalian brain diagrams below (slide numbered 8), draw a neuron in the neocortex with an axon of the corticospinal tract. Do this on each of the two drawings.



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14. In the slide numbered 27 (coronal section of midbrain), identify the labeled structures:



- 15. In the slide numbered 32, identify the labels indicated by X, Y, and Z:
 - Y. _____ Ζ._____

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16. In the slide numbered 33, identify the missing labels:



17. In the slide numbered 34, answer the four questions (A-D):

A.	
B.	

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