

13. The **amygdala** is part of the _____ system. An important role of the amygdala is recognition of facial expressions that elicit _____, but also more pleasant emotions. Stimulation of the body by the amygdala results in the release of at least 4 NT's (see page 180 of OER text), including:

14. Cranial nerves (like the trochlear, or trigeminal nerves) belong to what aspect of the nervous system?

- a) Spinal nervous system
- b) Peripheral nervous system
- c) Central nervous system

15. If the _____ of the brain were damaged, a person could have problems maintaining proper blood pressure levels, may have trouble swallowing and sneezing.

16. List the 3 **vital centers** in the brain. What are their specific functions, and where they are in the brain?

1)

2)

3)

17. The **midbrain** includes a structure that has "4 bodies", called the _____.

18. The upper two bodies in Q 17 are the _____ & are for _____.

19. The bottom two bodies in Q17 are the _____ & are for _____.

20. Using OER text (from p190), briefly describe the functions of the following **nuclei** in the Hypothalamus. *Such specific details of nuclei are not asked on exams, this just illustrates the functions of these areas.*

1) Mammillary body:

2) Suprachiasmatic nucleus:

3) Arcuate nucleus:

4) Ventromedial nucleus:

5) Lateral nucleus: