

# EEG and Intellectual function of CNS

1. Match the electroencephalography
2. How the EEG wavelength and frequency reflects the activity of cortical neurons?
3. What kind of biopotentials form the EEG waves?
4. List the types of EEG waves
5. Which EEG waves predominate in awake adults with eyes open?
6. Which EEG waves predominate in awake relax adults with eyes closed?
7. Describe the phases of a normal sleep cycle.
8. Which EEG waves predominate during deep sleep?
9. Which EEG waves predominate during REM sleep?
10. How called the cycles of periodicity equal to 24 hour?
11. What is meant by the concept of the dominant hemisphere?
12. Which cortical region provides the neural circuitry for word formation or the motor aspects of language?
13. Which cortical region provides the neural circuitry for word comprehension or the sensory aspects of language?
14. The learning when animal makes a connection between a neutral stimulus and a second stimulus that is either rewarding or punishing is known as \_\_\_\_\_
15. What is meant by sensitization and habituation?
16. How does the damage to the speech areas result in?
17. The damage of which speech areas provokes the expressive aphasia?
18. The damage of which speech areas provokes the receptive aphasia?
19. The information that can be used to guide future behaviour is known as \_\_\_\_\_
20. Match the conditional reflex
21. What is meant the reinforcement?
22. The modification of a behavioural response to repeated stimulus is known as \_\_\_\_\_
23. What is meant by the declarative memory?
24. What is meant by the skill memory?
25. Describe the mechanism involved in short-term memory
26. List the types of memory
27. Inability to recall events that occurred before an incident is known as \_\_\_\_\_
28. Inability to recall events that occurred after an incident is known as \_\_\_\_\_
29. The store of information gained through learning is known as \_\_\_\_\_
30. The lost of memory is known as \_\_\_\_\_
31. Process of saving the short-term memory into the long term-memory is known as \_\_\_\_\_
32. Language and verbal skills tend to be concentrated on the \_\_\_\_\_ side of the brain of right-handed people.
33. An important structure in both learning and memory is the \_\_\_\_\_