



Midterm exam - CBS401

Sem 4 - 2024/2025 - Sunday, 9th of march - 10:00 am to 11:15 am

MCQs

1. Which of the following describes adaptation? → Decrease in the rate of discharge from receptor despite continuous stimulation.
2. Which of the following doesn't contain pain receptors? → Brain.
3. Modality primarily depends on: → Labelled line principle.
4. Which of the following is the main function of stimulation of PAG? → Inhibits GABAergic neurons, helping to relieve pain.
5. Relief of pain in the spinal cord is mediated by: → Pain inhibitory complex.
6. Wakefulness is mediated by: → Reverberating circuit.
7. Function of reverse stretch reflex: → Prevent overstretch and muscle tear.
8. If a patient has a stroke affecting the right internal capsule: → Paralysis of the distal limb on the left side.
9. Microglia originate from: → Mesoderm.
10. Posterior boundary of diencephalon: → Habenular trigone, pineal gland, posterior commissure.
11. Roof of the inferior horn of the lateral ventricle: → Tail of caudate and amygdaloid nucleus.
12. Fornix connects the hippocampus with: → Mammillary body.
13. Anterior thalamic radiation connects middle thalamic nuclei with: → Prefrontal cortex
14. External capsule separates lentiform from: → Claustrum.
15. Case (antidepressant drug causing priapism): → Trazodone.
16. Most common bacteria causing meningitis transmitted from mother to baby via birth canal: → Group B Streptococcus.
17. Function of Downey cell in EBV: → T cytotoxic cell that kills infected B lymphocytes.
18. Corpus striatum is mainly supplied by: → Internal carotid artery.
19. Misfolded protein present in: → Mad cow disease.
20. Which of the following causes hydrocephalus by increasing CSF production? → Choroid papilloma.
21. Case (80-year-old patient + anxiolytic): → Buspirone.
22. Treatment of insomnia with less dependence and tolerance: → Eszopiclone.
23. Gold standard test for diagnosis of Rabies: → Direct immunofluorescent test.
24. Otoconia (Otolith) is: → Calcium carbonate crystal.
25. Rubrospinal tract function: → Facilitates distal limb movement.
26. Formation of myelin sheath in CNS by: → Oligodendroglia.
27. Which tract carries vibration and fine touch from the upper part of the body? → Cuneate tract.
28. Which cell shares in glomeruli of cerebellum? → Granular cell
29. Decrease in the number of gyri is called: → Lissencephaly.
30. Which of the following is responsible for CSF production → Ependymal cells.
31. Which structure separates the cerebrum from the cerebellum? → Tentorium cerebelli.
32. Reactivation site of Cytomegalovirus: → Monocyte.
33. Which reflex doesn't contain interneuron: → stretch reflex
34. Which of the following increase synaptic transmission: → Strychnine
35. Caudal neuropore (posterior neuropore) closes in: → 27 day