

*Sahab*

**Objective Type Assessment for the recruitment of  
Nurse for Addiction Treatment Facilities (ATFs)  
on contractual basis held on 18.03.2025**

**Time:** 1 hour

**Max. Marks:** 50

**Subject Code:** RE/ATF/GMCA/MAR/03

**Instructions**

- A. Use only black/blue ink.
- B. An answer with over-writing/multiple options will be treated as incorrect.
- C. There is no negative marking.
- D. Fill your Roll Number/Name correctly.
- E. The answer sheet will be considered as invalid if not duly signed by the candidate and the Examination Supervisor along with date.

1. Which one of the following statements is true concerning Monoamine Oxidase Inhibitors (MAOIs)?
  - A. MAOIs are not likely to cause orthostatic hypotension
  - B. All MAOIs require adherence to a tyramine-free diet
  - C. Giving meperidine with an MAOI is contraindicated
  - D. Lithium is contraindicated with MAOIs
2. Which one of the following neurotransmitters is not associated with the inhibition of aggressive behavior?
  - A. Dopamine
  - B. Serotonin
  - C. GABA
  - D. Glycine
3. Sumatriptan is contraindicated in patients with-
  - A. Ischemic heart disease
  - B. Kidney disease
  - C. Obstructive pulmonary disease
  - D. Inflammatory bowel disease
4. Down's syndrome is associated with defects in chromosome 21. This is a feature also shared by-
  - A. Turner's syndrome
  - B. Parkinson's disease
  - C. Huntington's disease
  - D. Alzheimer's disease
5. Which one of the following antidepressants does not have strong sedative effects?
  - A. Trazodone
  - B. Paroxetine
  - C. Mirtazapine
  - D. Clomipramine
6. Which one of the following is not a diagnostic criterion of migraine without aura?
  - A. Mild to moderate intensity
  - B. Pulsatile quality
  - C. Photophobia
  - D. Nausea and vomiting

7. An AIDS patient presents with decreased visual acuity. The most likely offending infectious agent responsible for this presentation is-
  - A. Cytomegalovirus
  - B. Toxoplasmosis
  - C. JC virus
  - D. Cryptococcus neoformans
8. Feature not seen in narcolepsy-
  - A. Cataplexy
  - B. Night time awakening
  - C. Excessive daytime sleepiness
  - D. Sleep paralysis
9. Uncontrollable excessive talking, as seen in mania, is also known as-
  - A. Alexithymia
  - B. Logorrhea
  - C. Echolalia
  - D. Stilted speech
10. Not a side effect of the tricyclic antidepressants-
  - A. Tachycardia
  - B. Prolonged PR interval
  - C. Diarrhea
  - D. Orthostatic hypotension
11. Melatonin is a neuronal hormone that promotes sleep and is produced in the brain by the:
  - A. Pineal gland
  - B. Anterior pituitary gland
  - C. Thalamus
  - D. Hypothalamus
12. The phenomenon of apoptosis refers to:
  - A. Neuronal migration
  - B. Neuronal maturation
  - C. Neuronal programmed cell death
  - D. Neuronal myelination
13. In leukemoid reaction, Leucocyte Alkaline Phosphatase is-
  - A. Absent
  - B. Normal
  - C. Increased
  - D. Borderline
14. Percentage of Iron present in One gram of Hemoglobin is-
  - A. 0.17%
  - B. 0.34%
  - C. 0.52%
  - D. 0.72%
15. Transplant rejection is an example of-
  - A. Type 1 hypersensitivity
  - B. Type 3 hypersensitivity
  - C. Type 2 hypersensitivity
  - D. Type 4 hypersensitivity
16. 11<sup>th</sup> July is celebrated as-
  - A. World Health Day
  - B. World Population Day
  - C. World Heart Day
  - D. World Food Day

17. The committee that visualises the development of primary health centre is-  
 A. Bhore Committee      B. Mukerji Committee  
C. Chadah Committee      D. Shrivastav Committee
18. In females, the onset of puberty is first marked by-  
A. Menarche       B. Thelarche  
C. Pubarche      D. Adrenarche
19. In menstrual cycle, lowering of which hormone causes menstruation?  
A. Progesterone       B. Follicle Stimulating Hormone  
C. Estrogen      D. Thyroxine
20. Gradual increase in rate and depth of respiration is-  
A. Hyperventilation      B. Cheyne-Stokes breathing  
C. Hypoventilation       D. Kussmaul respiration
21. To meet criteria for a major depressive disorder, a patient must have symptoms for-  
A. 1 week      B. 2 weeks  
C. 1 month       D. 2 months
22. Migraine is most likely a hereditary disorder that maps to which chromosome?  
A. Chromosome 14      B. Chromosome 19  
C. Chromosome 17      D. Chromosome 18
23. Central Nervous System (CNS) cysticercosis is caused by brain parenchymal invasion by-  
A. Leishmania major      B. Taenia solium  
C. Toxoplasma gondii      D. Trichinella spiralis
24. Which of the following laboratory tests can be used to detect chronic alcohol abuse?  
A. Red blood cell count  
B. White blood cell (WBC) count  
 C.  $\gamma$ -Glutamyl transpeptidase (GGT)  
D. Creatine phosphokinase
25. Study in which a group comes from a well-defined population and is followed over long period of time is-  
A. Case history study      B. Cohort study  
C. Cross-sectional study      D. Retrospective study
26. Symptoms is not part of dysthymic disorder-  
A. Poor appetite      B. Low self-esteem  
C. Feelings of hopelessness       D. Hallucinations
27. Technique not used in cognitive therapy is-  
A. Reattribution      B. Role playing  
C. Thought recording       D. Abreaction
28. Heroin withdrawal does not involve the following symptoms-  
A. Pinpoint pupils      B. Abdominal pain  
C. Piloerection      D. Dysphoria
29. Obsessive-compulsive disorder is associated with abnormality of-  
A. Dopamine       B. Serotonin  
C. Melatonin      D. Acetylcholine
30. The primary auditory cortex localizes to which one of the following brain regions?  
A. Temporal lobe       B. Parietal lobe  
C. Thalamus      D. Occipital lobe
31. The term "Psychology" was coined by-  
A. Watson      B. Rudolf Göckel  
 C. Sigmund Freud       D. Allport
32. Which organism is also known as pinworm-  
A. Ascaris lumbricoides  
 B. Ancylostoma duodenale  
C. Enterobius vermicularis  
D. Echinococcus granulosus
33. Space of Disse is seen in-  
A. Spleen      B. Thymus  
C. Liver      D. Mediastinum
34. In triage, the colour "yellow" indicates-  
A. Emergency       B. Urgent  
C. Dead      D. Fatal
35. Abnormal lateral deviation of vertebral column is-  
A. Lordosis      B. Kyphosis  
 C. Scoliosis      D. Osteoarthritis
36. Which one of the following structures is not part of Papez' circuit?  
A. Amygdala      B. Mammillary body  
C. Fornix      D. Cingulate gyrus
37. Perception in the absence of external stimuli is termed as-  
A. Delusion      B. Illusion  
C. Phobia       D. Hallucination

therapy is-  
living

38. The eating behaviour in human beings is controlled by -

- A. Pancreas
- B. Hypothalamus
- C. Thyroid
- D. Pineal gland

39. The most useful treatment for intractable post-lumbar puncture headache is-

- A. Repeat lumbar puncture with blood patch
- B. Sumatriptan
- C. Acetaminophen
- D. Hydrocodone

40. To control aggression in a child with intellectual disability, which one of the following would be most effective?

- A. Clonazepam
- B. Mirtazapine
- C. Naltrexone
- D. Lithium

41. Which one of the following is not a potential side effect of valproic acid?

- A. Weight gain
- B. Alopecia
- C. Hemorrhagic pancreatitis
- D. Thrombocytosis

42. Hypocalcemic tetany can occur with disorder of-

- A. Pituitary gland
- B. Adrenal gland
- C. Thyroid gland
- D. Parathyroid gland

43. The following part of the brain is affected in Parkinson's disease-

- A. Thalamus
- B. Limbic system
- C. Substantia nigra
- D. Hypothalamus

44. Sildenafil, vardenafil, and tadalafil all improve erectile dysfunction by which one of the following mechanisms?

- A. Phosphodiesterase 5 inhibition
- B. Calcium channel antagonism
- C. Nitric oxide antagonism
- D.  $\alpha 1$  Adrenergic antagonism

45. What is alogia?

- A. Poverty of speech and thought content
- B. Poverty of emotion
- C. Poverty of speech only
- D. Poverty of thought content only

46. The usual and accepted length of a period of grief after the death of a loved one can last up to-

- A. 24 months
- B. 6 months
- C. 9 months
- D. 12 months

47. In the following which is not an antipsychotic drug?

- A. Haloperidol
- B. Imipramine
- C. Chlorpromazine
- D. Trifluoperazine

48. Which of the following neurochemical changes would you expect to see in a patient with increased aggression?

- A. Increased serotonin
- B. Decreased dopamine
- C. Decreased acetylcholine
- D. Decreased GABA

49. Mirtazapine works via action on which of the following receptors?

- A. Dopamine type 2 (D2)
- B.  $\alpha 2$
- C.  $\gamma$ -Aminobutyric acid (GABA)
- D.  $\alpha 1$

50. The abbreviation 'ASD' in Psychiatry stands for-

- A. Anxiety Spectrum Disorder
- B. Autistic Symptom Disorder
- C. Autism Spectrum Disorder
- D. Anxiety Syndromic Disorder

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