

भारतीय प्रौद्योगिकी संस्थान रुड़की  
**Indian Institute of Technology Roorkee**

**RECRUITMENT EXAMINATION FOR**  
**STAFF NURSE (PSYCHIATRIC)**

**TIER-I**

**This booklet consists of 16 pages.**

इस पुस्तिका में १६ पृष्ठ शामिल हैं।

**Maximum Marks: 50**

अधिकतम अंक: ५०

**Time: 120 Minutes**

समय: १२० मिनट

**Name of Candidate (CAPITAL LETTERS):** \_\_\_\_\_

अभ्यर्थी का नाम

**Roll Number:** \_\_\_\_\_

अनुक्रमांक संख्या

**Father's Name:** \_\_\_\_\_

पिता का नाम

**Date of Examination:** \_\_\_\_\_

परीक्षा की तिथि

\_\_\_\_\_  
**Signature of Candidate**

अभ्यर्थी के हस्ताक्षर

\_\_\_\_\_  
**Signature of Invigilator**

निरीक्षक के हस्ताक्षर

## INSTRUCTIONS TO CANDIDATES

1. This question paper has 50 questions. Each question carries one mark. There are four choices for answer (A, B, C, D) to each question. Choose the correct answer (one only) for each question and mark it on the Optical Response Sheet (ORS).
2. Read the instructions given in the ORS carefully.
3. Use a black pen only otherwise, ORS will not be evaluated.
4. Candidate must write Name, Roll No., Date of Examination, Booklet Code and sign on the ORS.
5. The candidate should check that the booklet does not have any unprinted or torn or missing pages or questions etc. If so, get it replaced with another question paper.
6. While marking your answer on the ORS, fully darken the circle. Answer once marked cannot be changed.
7. One (1) mark will be awarded for each correct answer and minus one by three ( $-\frac{1}{3}$ ) mark for each incorrect answer. The unanswered questions will not attract negative marks.
8. Return the ORS to the invigilator after the examination is over.
9. Candidate is allowed to take away question paper after the examination.
10. Mobile and other Electronic Gadgets are prohibited in the examination. Watches of any kind are also not allowed.
11. Use of unfair means in examination will lead to cancellation of candidature.

CORRECT Method of Answering in ORS ORS में उत्तर देने का सही तरीका	WRONG Method of Answering in ORS ORS में उत्तर देने का गलत तरीका
	

### उम्मीदवारों के लिए अनुदेश

1. इस प्रश्नपत्र में 50 प्रश्न हैं। प्रत्येक प्रश्न के उत्तर के लिए चार (A, B, C, D) विकल्प हैं। प्रत्येक प्रश्नके लिए सही उत्तर (केवल एक) चुनें और उसे Optical Response Sheet (ORS) शीट पर चिह्नित करें।
2. ORS में दिए गए निर्देशों को ध्यान से पढ़ें।
3. केवल काले पेन का प्रयोग करें, अन्यथा ORS का मूल्यांकन नहीं किया जाएगा।
4. ORS शीट पर अपना नाम, रोल नंबर, परीक्षा की तिथि, पुस्तिका कोड लिखें और हस्ताक्षर करें।
5. उम्मीदवार को यह जांचना चाहिए कि इस पुस्तिका में कोई अमुद्रित या फटे या लापता पृष्ठ या प्रश्न आदि नहीं हैं। यदि ऐसा है, तो इसे एक नये प्रश्न पत्र से बदल लें।
6. ORS पर अपना उत्तर अंकित करते समय उस गोले को पूरी तरह से काला कर दें। एक बार अंकित उत्तर को बदला नहीं जा सकता।
7. प्रत्येक सही उत्तर के लिए एक (1) अंक प्राप्त होगा और प्रत्येक गलत उत्तर के लिए एक बटा तीन ( $-\frac{1}{3}$ ) अंक घटा दिया जाएगा। अनुत्तरित प्रश्न नकारात्मक अंक आकर्षित नहीं करेंगे।
8. परीक्षा समाप्त होने के बाद ORS निरीक्षक को लौटा दें।
9. उम्मीदवार को परीक्षा के बाद प्रश्न पत्र अपने साथ ले जाने की अनुमति है।
10. परीक्षा में **मोबाइल** और अन्य **इलेक्ट्रॉनिक गैजेट्स** वर्जित हैं। किसी भी प्रकार की घड़ियों की भी अनुमति नहीं है।
11. परीक्षा में अनुचित साधनों के प्रयोग की स्थिति में उम्मीदवारी रद्द कर दी जाएगी।

**(Objective type questions)**

(वस्तुनिष्ठ प्रकार के प्रश्न)

**Each question carries 1 mark**

प्रत्येक प्रश्न के 1 अंक हैं

1. Dr Sharma concluded his speech \_\_\_\_\_ explaining the importance of charity.  
  
A. by  
B. with  
C. at  
D. in
  
2. Spot the error in the following sentence:  
The police think that he may be there yesterday at the scene of the crime.  
  
A. The police think  
B. that he may be there  
C. yesterday at the scene of the crime.  
D. No error
  
3. A sentence has been given in Direct/Indirect form. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct form.  
  
“Fi! A soldier and afraid of fighting!” said Babar.  
  
A. Babar exclaimed with surprise that a soldier should be afraid of fighting.  
B. Addressing a soldier, Babar cursed him that he should be afraid of fighting.  
C. Babar cursed the soldier who was afraid of fighting.  
D. Babar cursed and exclaimed that a soldier should not be afraid of fighting.

4. A sentence has been given in Direct/Indirect form. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct form.

The new student asked the old one, "Do you know my name?"

- A. The new student asked the old one if he knew his name.
  - B. The new student asked the old one that whether he knew his names.
  - C. The new student asked the old one did he know his name.
  - D. The new student asked the old one if he knows his name.
5. If the mean of first  $n$  natural numbers is  $3n/5$ , then the value of  $n$  is \_\_\_\_\_
- A. 3
  - B. 4
  - C. 5
  - D. 6
6. If two dice are thrown in the air, the probability of getting sum as 3 will be \_\_\_\_\_
- A.  $2/18$
  - B.  $3/18$
  - C.  $1/18$
  - D.  $1/36$
7. If  $1/2$  is a root of the quadratic equation  $x^2 - mx - 5/4 = 0$ , then the value of  $m$  is \_\_\_\_\_
- A. 2
  - B. -2
  - C. -3
  - D. 3

8. Which of the following is the author of the Panchatantra?
- A. Bhasa
  - B. Vishnu Sharma
  - C. Kalidasa
  - D. Vishakhadatta
9. Economic Survey in India is published every year officially by \_\_\_\_\_
- A. Reserve Bank of India
  - B. NITI Aayog
  - C. Ministry of Finance
  - D. Ministry of Commerce
10. India – Middle East – Europe Economic Corridor' was formed on the sidelines of which summit?
- A. G-20
  - B. ASEAN
  - C. BIMSTEC
  - D. SAARC
11. The most common type of hallucination reported in psychiatric patients is \_\_\_\_\_
- A. Persecution
  - B. Paranoid
  - C. Auditory
  - D. Gustatory

12. Which of the following is a drug of choice used to treat mania?
- A. Lithium
  - B. Quetiapine
  - C. Haloperidol
  - D. Carbamazepine
13. A special division of nursing dealing with the prevention, promotion, and restoration (rehabilitation) of mental health is called \_\_\_\_\_
- A. Medicine
  - B. Psychiatry
  - C. Psychiatry nursing
  - D. Psychology
14. Which of the following is a disturbance in perception reported in psychiatric patients?
- A. Delusion
  - B. Hallucination
  - C. Waxy-flexibility
  - D. Loosening of association
15. Which of the following is the most common indication for electroconvulsive therapy (ECT)?
- A. Paranoid schizophrenia
  - B. Severe depression
  - C. Bipolar disorder
  - D. Alcohol-dependent syndrome

16. The range of normal intelligence quotient (IQ) in a human being is \_\_\_\_\_
- A. 50-70
  - B. 90-110
  - C. 120-130
  - D. >150
17. The Government of India launched the National Mental Health Programme (NMHP) in \_\_\_\_\_
- A. 1982
  - B. 1987
  - C. 1993
  - D. 1998
18. Which is considered a non-therapeutic technique while establishing therapeutic communication with a psychiatric patient?
- A. Acceptance
  - B. Silence
  - C. Restating
  - D. Giving false reassurance
19. Which among the following is considered an absolute contraindication for administering electroconvulsive therapy (ECT)?
- A. Cerebral aneurysm
  - B. Retinal detachment
  - C. Increased intracranial pressure
  - D. Brain tumor

20. \_\_\_\_\_ is a typical feature you will find in a case of acute opioid intoxication?
- A. Dehydration
  - B. Increased intraocular pressure
  - C. Pinpoint pupil
  - D. Decreased HR
21. Which of the following tools is helpful to assess and improve self-awareness and establish a therapeutic relationship in a psychiatric setting?
- A. Johari window
  - B. Interpersonal relationship model
  - C. Therapeutic window
  - D. Raman window
22. Which of the following is a thinking disorder?
- A. Hallucination
  - B. Illusion
  - C. Paraphilia
  - D. Delusion
23. Which of the following is an example of a cannabis product?
- A. Tobacco
  - B. Morphine
  - C. Bhang
  - D. Caffeine



24. Which Swiss Psychiatrist coined the word 'schizophrenia'?
- A. Sigmund Freud
  - B. Joseph Hitler
  - C. Eugen Bleuler
  - D. Joseph Wolf
25. The drug of choice used for alcohol detoxification is \_\_\_\_\_
- A. Antipsychotics
  - B. Benzodiazepine
  - C. Anti-depressant
  - D. Lithium
26. A nurse is giving health education regarding safe sex practices to a group of high-risk adolescents. Which of the following levels of prevention nurse is working here?
- A. Primordial
  - B. Primary
  - C. Secondary
  - D. Tertiary
27. Relatives bring an overtalkative patient to a psychiatric emergency department. A nurse should anticipate that he should be admitted under \_\_\_\_\_ category.
- A. voluntary admission
  - B. involuntary admission
  - C. admission by the magistrate's office orders
  - D. miscellaneous

28. A defence mechanism in which an individual unconsciously expresses his or her intrapsychic conflict through physical symptoms is \_\_\_\_\_
- A. displacement
  - B. conversion
  - C. sublimation
  - D. regression
29. A phenomenon whereby the female child is attracted towards her father (Electra complex) and the male child towards his mother (Oedipus complex) develops in which of the following stages of psychosexual development theory?
- A. Oral stage
  - B. Anal stage
  - C. Phallic stage
  - D. Latency stage
30. Delusion is explored in which of the following components of mental status examination in a psychiatric patient?
- A. Thinking
  - B. Memory
  - C. Perception
  - D. Orientation
31. Who invented the Mini-Mental State Examination (MMSE) to screen a patient with cognitive impairment?
- A. Sigmund Freud
  - B. Folstein
  - C. McBurney
  - D. Lawrence Kohlberg

32. Which of the following is/are considered as contraindications to using lithium therapy in manic patients?
- A. Renal diseases
  - B. Cardiovascular diseases
  - C. Sodium depletion
  - D. All of the above
33. Korsakoff syndrome, a complication of chronic alcohol abuse, occurs due to the deficiency of which of the following vitamins?
- A. Vitamin B<sub>1</sub>
  - B. Vitamin B<sub>2</sub>
  - C. Vitamin B<sub>3</sub>
  - D. Vitamin B<sub>12</sub>
34. Which of the following neurotransmitters play an important role in the occurrence of schizophrenia?
- A. Epinephrine
  - B.  $\gamma$ -Aminobutyric acid (GABA)
  - C. Dopamine
  - D. Varies from case to case
35. Persecutory delusion is a typical feature observed in which of the following psychiatric disorders?
- A. Obsessive-compulsive disorder
  - B. Paranoid schizophrenia
  - C. Catatonic schizophrenia
  - D. Bipolar affective disorder

36. Which of the following disorders has reported the highest prevalence of suicide?
- A. Schizophrenic disorders
  - B. Neurotic stress-related disorders
  - C. Personality disorders
  - D. Depression
37. Phobia of closed space or place is referred as \_\_\_\_\_
- A. Zoophobia
  - B. Claustrophobia
  - C. Acrophobia
  - D. Astraphobia
38. In which of the following disorders the thought-stopping technique is useful?
- A. Panic anxiety
  - B. Social phobia
  - C. Obsessive-compulsive disorders
  - D. Post-traumatic stress disorders
39. \_\_\_\_\_ is a stage of grief resolution where a person tries to make a deal with God to give one more opportunity to excuse.
- A. Denial
  - B. Anger
  - C. Bargaining
  - D. Acceptance
40. Which of the following drugs is an example of tricyclic antidepressants (TCAs)?
- A. Amitriptyline
  - B. Sertraline
  - C. Citalopram
  - D. Fluoxetine

41. The number of quadrants in the Johri window is \_\_\_\_\_
- A. 2
  - B. 4
  - C. 6
  - D. 8
42. Which of the following is a non-therapeutic communication technique?
- A. Silence
  - B. Active listening
  - C. Broad opening
  - D. False assurance
43. Which of the following is a negative symptom observed in schizophrenia?
- A. Anhedonia
  - B. Aggressive behavior
  - C. Delusion
  - D. Hallucinations
44. \_\_\_\_\_ is a type of delusion in which a person with psychotic disorder believes that her spouse is not faithful to him and has an illicit relationship with others.
- A. Delusion of persecution
  - B. Delusion of infidelity
  - C. Delusion of grandeur
  - D. Delusion of reference

45. Serum lithium levels should be checked earliest after how many days of constant dosing?
- A. 3 days
  - B. 5 days
  - C. 14 days
  - D. 20 days
46. Which drugs are used to treat substance use disorders by attaching to endorphin receptor sites in the brain?
- A. Naltrexone
  - B. Naloxone
  - C. Buprenorphine
  - D. All of the above
47. FRAMES is one of the most popular evidence-based modules of Brief intervention. In the FRAMES approach used to treat individuals with substance abuse disorder, M stands for \_\_\_\_\_
- A. Menu
  - B. Meal
  - C. Money
  - D. Move
48. Antidote for methanol is \_\_\_\_\_
- A. Benzodiazepines
  - B. Disulfiram
  - C. Ethyl alcohol
  - D. Haloperidol

49. A sexual disorder in which a person gets sexual arousal by rubbing against an unsuspecting and non-consenting person is known as \_\_\_\_\_
- A. Sadism
  - B. Masochism
  - C. Frotteurism
  - D. Exhibitionism
50. A person's mental age is reported as 30 years and chronological age as 20 years. Calculate the intelligence quotient (IQ) for the person.
- A. 50
  - B. 67
  - C. 100
  - D. 150

**SPACE FOR ROUGH WORK**