

Government Medical College and Hospital Sector 32, Chandigarh

Post: Senior Resident Psychiatry

QUESTION BOOKLET

Time: 120 Minutes

Number of Question: 100

Maximum Marks: 100

Name of Candidate

Roll Number: In figure

In Words

--	--	--	--	--

Signature of the Candidate: _____

DO NOT OPEN THE SEAL ON THE BOOKLET UNTIL ASKED TO DO SO

INSTRUCTIONS:-

1. Write your Roll Number on the Question Booklet and also on the OMR Sheet in the space provided. You will be required to give your thumb impression on the OMR sheet in the space provided.
2. This question booklet contains 100 MCQ's. Once you are permitted to open the Question Booklet, please check for any missing question / misprint etc. and in case of any discrepancy, inform the Assistant Superintendent / Invigilator within 10 minutes of the start of the test.
3. Each question has four alternative answer (A, B, C, D) out of which only one is correct. For each question, **darken only one bubble (A or B or C or D)**, whichever you think is the correct answer, on the OMR Answer sheet **with Black or Blue Ball Pen only**. Do not use any other Pen / Gel pen / Pencil etc. **Do not Tick \sqrt or \times on the OMR Sheet**. Darken the bubbles in the OMR Answer Sheet according to the Serial No. of the Questions given in the Question Booklet.
4. Each MCQ is of One (01) mark. There is no negative marking.
5. If you do not want to answer a question, leave all the bubbles corresponding to that question blank in the OMR Answer sheet.
6. The OMR Answer sheet is designed for computer evaluation. Therefore, if you do not follow the instructions given, it may make evaluation by the computer difficult. Any resultant loss to the candidates on the above account, i.e. not following instructions completely and properly, shall be the responsibility of the candidates only.
7. After the test, handover the Question Booklet and OMR sheet to the Invigilator on duty.
8. A Candidate who creates disturbance of any kind or changes his/her seat or is found in possession of any paper or the any assistance or found giving or receiving assistance or found using any other unfair means during the examination will be expelled from the examination by the Centre superintendent/Observer whose decision shall be final.
9. Telecommunication equipment such as pager, cellular phone, wireless, scanner, smart watch/ watch etc. is not permitted inside the examination hall. Use of calculators is not allowed.
10. Candidate should ensure accuracy of their personal details on the OMR Sheet i.e. Name and Roll No. as well as thumb impression. The personal details are to be filled in by the candidates with his/her own hand writing.

1. Mechanism of action of Pimvanserin, a drug to treat psychosis in Parkinsonism is :
 - A. 5HT_{2C} and 5HT_{2A} receptors
 - B. Dopamine and Serotonin receptors
 - C. Serotonin and norepinephrine receptors
 - D. None of the above
2. The psychiatrist who treated syphilis with malaria is :
 - A. Sigmund Freud
 - B. Julius Wagner- Jauregg
 - C. Edgar Moniz
 - D. Emil Kraepelin
3. Which of the following anti-depressant drug is associated with least hyponatremia:
 - A. Mirtazapine
 - B. Venlafaxine
 - C. Mianserin
 - D. Duloxetine
4. Which of the following is cortical Dementia
 - A. Parkinson's Disease
 - B. Wilsons Disease
 - C. Alzheimer's Disease
 - D. Creutzfeldt Jacob Disease.
5. All of the following are associated with Autosomal dominant transmission in Intellectual Disability , except:
 - A. Down's Syndrome
 - B. Tuberous Sclerosis
 - C. Neurofibromatosis
 - D. Myotonic Dystrophy
6. All are associated with Object Relations Theory except :
 - A. Donald Winnicott
 - B. Melanie Klein
 - C. Anna Freud
 - D. Otto Kernberg
7. Who is attributed to the origin of Mindfulness based stress reduction therapy?
 - A. Ellen Langer
 - B. Aron Beck
 - C. Jacobson
 - D. Jon Kabat -Zinn
8. Mechanism of action for Lamborexant is :
 - A. Cannabis receptors
 - B. Orexin receptors
 - C. Serotonin receptors
 - D. Melatonin receptors
9. Lithium is excreted through :
 - A. Kidneys
 - B. Faeces
 - C. Sweat
 - D. All of the above
10. Publication bias can be checked by :
 - A. Scatter Plot
 - B. Funnel Plot
 - C. Box plot
 - D. Error bar
11. For management of Tardive Dyskinesia with Haloperidol , which is true :
 - A. Clozapine
 - B. Use of Tranylcypromine
 - C. Trihexyphenidyl
 - D. Quetiapine
12. Areas of brain involved in both Autism and OCD include :
 - A. Thalamus
 - B. Hippocampus
 - C. Prefrontal Cortex
 - D. Basal Ganglia

13. According to the Operational Telemedicine guidelines 2020, the following medications need video consultation:
 - A. Medicines listed in Schedule X of Drug and Cosmetic Act and Rules or any Narcotic and Psychotropic substance listed in the Narcotic Drugs and Psychotropic Substances, Act, 1985
 - B. Antipyretics: Paracetamol, Cough Supplements: Lozenges, Cough/ Common-cold medications (such as combinations of Acetylcysteine, Ammonium Chloride, Guaifenesin, Ambroxol, Bromhexine, Dextromethorphan.
 - C. Ointments/Lotion for skin ailments : Ointments Clotrimazole, Mupirocin, Calamine Lotion, Benzyl Benzoate Lotion etc, Local Ophthalmological drops such as: Ciprofloxacin for Conjunctivitis, etc , Haloperidol , Risperidone, Escitalopram.
 - D. Methylphenidate , Clobazam , Lorazepam.
14. Government of India has notified Autism as certifiable disability with right to benefits. Which of these is True ?
 - A. It is valid across the lifespan starting from birth
 - B. It doesn't help in availing Income tax rebate
 - C. It allows for concession at the CBSE board level
 - D. All of these
15. Who talked about ideas pertaining to birth order, the inferiority complex for formulation of personality ?
 - A. Sigmund Freud
 - B. Carl Jung
 - C. Alfred Adler
 - D. Karen Horney
16. The Masters and Johnson research team, composed of William H. Masters and Virginia E. Johnson, pioneered research into
 - A. Classical Conditioning
 - B. Operant Conditioning
 - C. Psychodynamic psychotherapy
 - D. Psycho-sexual functioning
17. What is considered as the gold standard for confirmation of seizure in ECT?
 - A. Cuff method
 - B. Electroencephalography (EEG)
 - C. Electromyogram (EMG)
 - D. Galvanic Skin Response (GSR)
18. The sequence of administration of medications in anaesthesia for ECT is:
 - A. atropine---thiopentone/methohexital---succinylcholine
 - B. succinylcholine---atropine---thiopentone/methohexital
 - C. atracurium---succinylcholine---atropine
 - D. atropine--- succinylcholine---thiopentone/methohexital
19. The first draft of Mental Health Act that subsequently became the Mental Health Act of India (1987) was written at Ranchi in 1949 by:
 - A. Vidya Sagar
 - B. Gurmeet Singh
 - C. Rajeev Tandon
 - D. R.B.Davis
20. Beclouded Dementia is :
 - A. Alcohol induced dementia
 - B. ICU Psychosis in dementia
 - C. Nieman pick's disease
 - D. Cannabis induced Psychosis.
21. Which brain area is not implicated in Bipolar Disorder ?
 - A. Pre-frontal cortex
 - B. Thalamus
 - C. Pyramidal tract
 - D. Visual Cortex

22. All of the following are correct about Anorexia Nervosa except?
- Amenorrhea is a feature
 - Maybe complicated by hypokalaemia
 - Morbid fear of fatness
 - BMI of 17 kg/m²
23. 65y/M post cholecystectomy, admitted in ICU X 6 days, developed agitation, confusion, decreased sleep, with self-muttering. On investigation, he was found to have Serum Sodium of 120 Eq/L which was corrected in a day. He is most likely to suffer from :
- Delirium
 - Cerebral Pontine Myelinolysis
 - Acute and transient Psychotic disorder
 - Bipolar disorder
24. Which is not a stage of Cognitive development theory?
- Phallic stage
 - Sensorimotor stage
 - Formal operation stage
 - Concrete operational stage
25. Deeply relaxed (4-8 Hz)phase on EEG is seen as :
- Alpha waves
 - Beta waves
 - Theta waves
 - K spindles
26. Individuals with somatoform disorders may often display a surprising indifference about their symptoms – especially when the symptoms would be disturbing to most people, this is known as :
- Vive la Difference
 - Quella difference
 - La bella indifference
 - Que se la difference
27. A symptom of conversion disorder, where numbness begins at the wrist and is experienced evenly across the hand and all fingers is known as :
- Hand paralysis
 - Glove anaesthesia
 - Hand anaesthesia
 - Glove paralysis.
28. Gaslighting is common in:
- OCD
 - Fregoli Syndrome
 - Emotional abuse
 - Internet use disorder
29. Electroencephalogram (EEG) was introduced by :
- Cerletti & Bini
 - Delay & Deniker
 - Hans Berger
 - Mesmer
30. What is the probable cardiac finding on Chest X-ray finding in a child born to Mother consuming Lithium, through-out pregnancy?
- Egg on string appearance
 - Box Shaped heart
 - Boot shaped heart
 - Gooseneck
31. Mickey mouse sign on MRI is seen in?
- Anencephaly
 - Progressive supranuclear palsy
 - Both
 - None
32. Flashback phenomenon may be seen with the following except,
- Cannabis
 - Cocaine
 - LSD
 - Psilocybin
33. Cognitive model of depression is given by :
- Ellis
 - Beck
 - Godfrey
 - Meichenbaum
34. The term 'learned helplessness' was given by?
- Aaron T Beck
 - Martin Seligman
 - Albert Ellis
 - Ivan Pavlov
35. West syndrome has following features:
- Intellectual disability
 - Infantile spasms
 - Hypsarrhythmia
 - All of the above

36. Causes for Reversible dementia include all except :
- Normal pressure hydrocephalus
 - Hypervitaminosis A
 - Hypothyroidism
 - B12 deficiency
37. Genome-wide approach to discovering individual differences in the outcome of drug therapy is known as:
- Pharmacogenetics
 - Pharmacogenomics
 - Genome wide association studies
 - Pharmacodynamics
38. True about The Child's Cognitive Understanding of Death and Dying is :
- Most children under the age of 5 years do not think of death as final and believe that the departed person is somewhere else.
 - Even children under the age of 5 develop a precocious understanding of death if they experience a traumatic event like the death of a parent or sibling
 - Children between the ages of 6 and 9 years understand that death is final and entertain concrete thoughts about the process of death and dying.
 - All of the above
39. Which of the following in context to Cognitive Behavioural Therapy is false?
- CBT can be done in patients with Schizophrenia
 - CBT is useful in children and adolescent population
 - CBT is first line as monotherapy in OCD.
 - CBT can be done in Intellectual Disability
40. One of the following is not a disorder of Orgasmic phase of sexual cycle:
- Premature ejaculation
 - Dyspareunia
 - Male orgasmic disorder
 - Female orgasmic disorder
41. The desirable number of psychiatrist patient ratio in India is _____ while 6 Psychiatrists per 100,000 population is required in the high-income countries.
- 0.3 Psychiatrists per 100,000 population
 - above 3 Psychiatrists per 100,000 population
 - 6 Psychiatrists per 100,000 population
 - 1 Psychiatrist per 100,000 population
42. New disorders in DSM -5 include all except:
- Mild cognitive disorder
 - Caffeine withdrawal disorder
 - Cannabis withdrawal disorder
 - ADHD
43. A patient presented with sudden onset impaired consciousness, visual hallucinations, hyperactivity and fragmentary delusions. Most probable diagnosis is?
- Dementia
 - Delirium
 - Paranoid psychosis
 - Panic attack
44. The NMHS was undertaken in 12 states across six regions of India which included all except:
- Punjab
 - Rajasthan
 - Manipur
 - Sikkim
45. Theories of personality have been given by all except :
- Gordon Allport
 - Martin Seligman
 - Hans Eysenck
 - Carl Jung
46. Which of the following is not used to treat Akathisia?
- Vitamin B6
 - Mirtazapine
 - Propranolol
 - Amantadine

47. Father of Psychoanalysis in India is:

- A. Vidya Sagar
- B. Girindrasekhar Bose
- C. Ajit Awasthi
- D. N.N.Wig

48. Treatment of opioid overdose is ?

- A. IV Naloxone
- B. Oral Naloxone
- C. Naltrexone
- D. all of these

49. Indications For ECT in Adolescents are all except

- A. MDD and BPAD
- B. Catatonia and self-injurious behaviour
- C. OCD
- D. Psychosis (Schizophrenia)

50. True about cortical and subcortical dementia is :

- A. Recall is affected in cortical dementia
- B. Registration is affected in subcortical dementia
- C. Aphasia is common in cortical dementia
- D. None of the above

51. Mrs J, age 81 years, with hypertension and hyperlipidaemia, requested a referral to a neurologist, stating: "I am forgetting things I just heard. "Mrs J and her husband noticed slowly progressive mild memory problems for 1.5 years. Her husband noticed changes in problem solving and time management. Mrs J was easily distracted and had difficulty remembering recent conversations. She misplaced objects and spent time looking for them; she read and wrote less than before. She repeatedly asked how to do things on her computer and cell phone. Her husband reported that she exhibited no initiative, and that their home seemed more disorganized. She had difficulty planning dinner and her cooking was simpler. Both denied changes in language or speech. She continued to drive locally without accidents but had difficulty remembering directions to familiar places. Mrs J had no hallucinations or delusions. She slept well, her mood was fine, and she exhibited no behavioural problems or personality changes. After detailed history, the neurologist should first use to confirm diagnosis :

- A. MMSE
- B. Montreal Cognitive Assessment
- C. Delirium rating scale
- D. All of the above

52. Which hormone has no role in the arousal phase of sexual cycle?

- A. Oxytocin
- B. Cortisol
- C. Testosterone
- D. Oestrogen

53. 'Wringing hand' movements are associated with which of the following conditions? Select one:

- A. Rett syndrome
- B. Tardive Dyskinesia
- C. Chorea
- D. Prader Willi syndrome

54. Ebstein's anomaly is sometimes associated with drugs other than lithium. Choose one such drug:
 A. Duloxetine
 B. Carbamazepine
 C. Paroxetine
 D. Diazepam
55. Which of these is first generation antipsychotic?
 A. Paliperidone
 B. Sertindole
 C. Ziprasidone
 D. Zuclophenixol
56. Which of these is not an Acetylcholinesterase Inhibitors ?
 A. Donepezil
 B. Galantamine
 C. Rivastigmine
 D. Memantine
57. For Gestalt Geschwind syndrome, drug of choice is
 A. Ethosuximide
 B. Valproate
 C. Oxcarbazepine
 D. Vigabatrin
58. Restless leg syndrome is most commonly due to deficiency of:
 A. Iron
 B. Calcium
 C. Magnesium
 D. Vitamin D
59. What type of memory is most affected by ECT? Select one:
 A. Retrograde memory
 B. Episodic Memory
 C. Implicit memory
 D. Anterograde memory
60. Which of these is correct about Agoraphobia?
 A. Fear of animals
 B. fear of heights
 C. fear of open spaces
 D. fear of closed
61. 'Schizoaffective Disorder' was coined by
 A. Jacob Kasanin
 B. August Hoch
 C. George Kirby
 D. John Cooper
62. Which of these is not mature defenses?
 A. Suppression
 B. Humor
 C. Anticipation
 D. Repression
63. Psychosocial crises of Trust or Mistrust according to Freud is related to _____ Phase of Development
 A. Oral
 B. Phallic
 C. Anal
 D. None
64. Which of the following techniques is used in CBT?
 A. Chaining
 B. Socratic Questioning
 C. Paradoxical Injunction
 D. Circular questioning
65. In traumatic brain injury, the best predictor of outcome is period of
 A. Global amnesia
 B. Retrograde amnesia
 C. Post traumatic amnesia
 D. Continuous headaches
66. Which of this is classified under disorder of tempo
 A. Obsession
 B. Compulsion
 C. Circumstantiality
 D. Alienation
67. 'Speech confusion' and 'word salad' are called as:
 A. Schizophasia
 B. Schizophrenia
 C. Schizoaffective
 D. Schizoid
68. Filling-in of gaps in memory by untrue experiences
 A. Compulsion
 B. Catatonia
 C. Confabulation
 D. Rumination

69. Vivid illusions occur without effort by the patient is known as:
 A. Palilalia
 B. Echolalia
 C. Pareidolia
 D. Visual hallucination
70. Which of the following diagnostic entity is not included in ICD-11 classification?
 A. Intermittent explosive disorder
 B. Body integrity dysphoria
 C. Prolonged grief
 D. Induced delusional disorder
71. Werther effect is also known as
 A. Double suicide
 B. Copycat suicide
 C. Anomic suicide
 D. Parasuicide
72. Concept of life charting of mental illness is most recommended for which mental disorder?
 A. Schizophrenia
 B. Bipolar Disorder
 C. Autism spectrum disorder
 D. OCD
73. He showed the influence of Consequences (rewarding and Punishing) events on Behaviour, Who is he ?
 A. Sigmund Freud
 B. B.F. Skinner
 C. Pavlov
 D. Thorndike
74. Psychotic symptoms can be caused by:
 A. Melatonin
 B. Caffeine
 C. Amphetamine
 D. Nicotine
75. According to WHO , the age-adjusted suicide rate per 100 000 population is :
 A. 21.1.
 B. 10.4
 C. 30.0
 D. 15.2
76. A patient presented with isolated loss of auditory comprehension and repetition, without any abnormality of speech, naming, reading, or writing. What could be his diagnosis?
 A. Pure word deafness
 B. Wernicke's aphasia
 C. Broca's aphasia
 D. Anomic aphasia
77. Tuberous sclerosis is associated with:
 A. Epilepsy
 B. Shagreen patches
 C. Learning disability
 D. All the above
78. Most common condition associated with BPAD:
 A. Schizophrenia
 B. OCD
 C. Dissociative Disorder
 D. Anxiety disorders
79. Anomic features are prominently seen in
 A. Seizures associated with alcohol
 B. Psychosis associated with alcohol
 C. Delirium Tremens
 D. Wernicke's neuropathy
80. Aura in epilepsy can provide information about:
 A. Personality of person
 B. Region of brain involved
 C. Type of medications needed
 D. Prognosis of epilepsy
81. Neurotransmitters predominantly involved in Obsessive compulsive disorder is:
 A. GABA
 B. Acetylcholine
 C. Serotonin
 D. Dopamine
82. Not a feature of Wernicke's Korsakoff Syndrome
 A. Ataxia
 B. Bell's palsy
 C. Confusion
 D. Ophthalmoplegia

83. Rating scale to measure negative symptoms in schizophrenia was developed by
- Kraepelin
 - Bleuler
 - Schneider
 - Nancy Andreasen
84. All the following are done in behaviour therapy to increase a behaviour except:
- Punishment
 - Negative reinforcement
 - Operant conditioning
 - Reward
85. Mrs A aged 34 yrs hailing from rural background from eastern India belongs to middle socioeconomic status & works in BPO company, presented with complaints of being infested with a worm in head which was leading to tiredness & loss of weight. Non in her family believed it. She was seen by many physicians, dermatologist and multiple investigations were done. All tests came normal. Many tried educating her that complaints were irrational but yielded to pressure & prescribed multivitamins, antifungals, antibiotics, steroids etc but no improvement was seen in her symptoms, patient was then referred to the psychiatrist for the above complaints. What is her diagnosis?
- Cotard syndrome
 - Ekbom syndrome
 - De Clerambault syndrome
 - Othello syndrome
86. A patient diagnosed with OCD was reported to have more than 35% but less than 50% decrease in YBOCS score after starting treatment. What is appropriate term for this response to treatment?
- Full response
 - Partial response
 - No response
 - Recovery
87. What is the risk of developing schizophrenia in a person whose both parents were receiving treatment for schizophrenia?
- About 10% risk
 - About 25% risk
 - About 40% risk
 - About 90% risk
88. Which of the following statements is true about treatment of erectile dysfunction in men:
- Tadalafil (10 or 20 mg) can be used on SOS basis about two hours before anticipated sexual encounter.
 - Tadalafil use does not require sexual stimulation to achieve erection.
 - Tadalafil can be safely prescribed in individuals using sub-lingual nitrates for angina episodes.
 - Tadalafil (10 or 20 mg) can also be taken as daily dose if no significant improvement with SOS use.
89. Which of these is not approved for Nicotine De-addiction?
- Naltrexone
 - Bupropion
 - Bupirone
 - Nicotine
90. Differential diagnosis for Generalized Anxiety Disorder?
- Hypothyroidism
 - Hyperthyroidism
 - Hypercalcemia
 - Hypocalcemia
91. Modern ECT is a contribution of?
- Igas Moniz
 - Jauregg
 - Delay & Deniker
 - Cerletti & Bini
92. Reflex hallucination is a morbid variety of-
- Kinesthesia
 - Parasthesia
 - Hyperesthesia
 - Synaesthesia

93. Alcoholic Hallucinosiis is associated with:
- A. Clear consciousness
 - B. Delusions
 - C. Delirium
 - D. Intoxication
94. Oniomania is a disorder of compulsive
- A. Buying
 - B. Cellular Phone Use
 - C. Internet use
 - D. Self-mutation
95. Mitral valve prolapse is a differential diagnosis for which of the following psychiatric disorder?
- A. OCD
 - B. Panic Disorder
 - C. GAD
 - D. Depressive Disorder
96. Which of the following is selective serotonin reuptake enhancer?
- A. Tiagabine
 - B. Tianeptine
 - C. Mirtazapine
 - D. Fluoxetine
97. Who is often called as the "First Psychiatrist"?
- A. Sigmund Freud
 - B. Hippocrates
 - C. Johann Weyer
 - D. Hans Berger
98. According to Jean Piaget , abstraction starts at which stage ?
- A. Sensorimotor Stage
 - B. Preoperational Stage
 - C. Concrete Operational Stage
 - D. Formal Operational Stage
99. Ewald Hecker worked significantly to identify :
- A. Catatonia
 - B. Dysthymia
 - C. Cyclothymia
 - D. Dementia
100. The concept of Positive Psychiatry was given by:
- A. Mark Seligman
 - B. Dilip Jeste
 - C. William James
 - D. NN Wig

SUBJECT PSYCHIATRY SR

Q No	Key		Q No	Key		Q No	Key
1	A		21	C		41	B
2	B		22	A		42	D
3	C		23	B		43	B
4	C		24	A		44	D
5	A		25	C		45	B
6	C		26	C		46	A
7	D		27	B		47	B
8	B		28	C		48	A
9	D		29	C		49	C
10	B		30	B		50	C
11	A		31	C		51	B
12	C		32	B		52	B
13	C		33	B		53	A
14	C		34	B		54	D
15	C		35	D		55	D
16	D		36	B		56	D
17	B		37	B		57	A
18	A		38	D		58	A
19	D		39	C		59	A
20	B		40	B		60	C
61	A		81	C			
62	D		82	B			
63	A		83	D			
64	B		84	A			
65	D		85	B			
66	C		86	B			
67	A		87	C			
68	C		88	A			
69	C		89	C			
70	B		90	B			
71	B		91	D			
72	B		92	D			
73	D		93	A			
74	C		94	A			
75	A		95	B			
76	B		96	B			
77	D		97	C			
78	D		98	C			
79	C		99	C			
80	D		100	C			