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OPSC
Asst. Prof.
Previous Year Paper
(Psychiatry)
17 Nov, 2024





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T.B.C. : APB-15-23/24

Sl. No. **2285**

Test Booklet Series

TEST BOOKLET
ASSISTANT PROFESSOR (BROAD SPECIALTY)
(PSYCHIATRY)

A

K-15

Time Allowed : 3 Hrs.

Maximum Marks : 200

INSTRUCTIONS TO CANDIDATES

1. IMMEDIATELY AFTER COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET OF SAME SERIES ISSUED TO YOU.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C OR D**, AS THE CASE MAY BE, IN THE APPROPRIATE PLACE IN THE ANSWER SHEET USING BALL POINT PEN (BLUE OR BLACK).
3. You have to enter your **Roll No.** on the Test Booklet in the Box provided along side. **DO NOT** write *anything else* on the Test Booklet.
4. **YOU ARE REQUIRED TO FILL UP & DARKEN ROLL NO., TEST BOOKLET / QUESTION BOOKLET SERIES IN THE ANSWER SHEET AS WELL AS FILL UP TEST BOOKLET / QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEET CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.**
5. This Test Booklet contains **200** items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose **ONLY ONE** response (answer) for each item (question).
6. You have to mark (darken) all your responses **ONLY** on the **separate Answer Sheet** provided, by **using BALL POINT PEN (BLUE OR BLACK)**. See instructions in the Answer Sheet.
7. All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet. There shall be negative marking for wrong answers. For each wrong answer, 0.25 marks shall be deducted from the marks awarded for correct answers.
8. Before you proceed to mark (darken) in the Answer Sheet the responses to various items (questions) in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your **Admission Certificate**.
9. After you have completed filling in all your responses on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the *Answer Sheet* issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the **Test Booklet**, after completion of the examination, for your reference.
10. Sheets for rough work are appended in the Test Booklet at the end.

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1. Which of the following is false regarding conduct disorder?
 - (A) Conduct disorder is a pattern of behavior by an individual or group that violates age-appropriate and socially appropriate behavior
 - (B) There are two subtypes: early, or childhood onset, and late, or adolescent onset
 - (C) Individuals with late onset are more likely to be male
 - (D) Individuals with early onset are more aggressive, show decreased socialization and regard for others, and have poor peer relationships

2. Which of the following has not been approved by FDA for treatment of ADHD?
 - (A) triple bead mixed amphetamine salt
 - (B) lisdexamfetamine extended release
 - (C) methylphenidate patch
 - (D) guanfacine

3. The percentage of 18-year-old who meet diagnostic criteria for nocturnal enuresis is:
 - (A) 0.5%
 - (B) 1%
 - (C) 2%
 - (D) 5%

4. The intranasal formulation of this medication lost its FDA indication for nocturnal enuresis due to the risk for hyponatremia-induced seizures:
 - (A) Desmopressin
 - (B) Doxazosin
 - (C) Methylphenidate
 - (D) Imipramine

5. False about POCSO act is:
 - (A) Passed by the parliament of India in 2012
 - (B) Doesn't cover abetment to sexual abuse
 - (C) Criminalizes consensual sexual intercourse between two people below the age of 18 years
 - (D) Allows testifying through video link

6. A 4 year-old female is brought in by her parents for symptoms of impairment of non-verbal language, failure to meet expected social milestones, as well as profound psychomotor retardation. Her parents report that she developed normally for the first 5 months of life and this was followed by a deceleration of head growth. What is the genetic marker responsible for this condition?
 - (A) Trisomy of chromosome 21
 - (B) Parental deletion or maternal uniparental disomy of chromosome 15q11.13
 - (C) A microdeletion on chromosome 7q11.23
 - (D) MECP2

7. After climbing on the trees that surround a six-year-old female child's home, the child reports that the "angry trees" made her fall. This animistic thinking is:
- a coping mechanism to allay the child's guilt feelings
 - an abnormal thought process for a child of this age
 - characteristic of preoperational thought
 - indicative of childhood schizophrenia
8. For the past 18 months, an eight-year-old child has exhibited involuntary, purposeless, rapid recurrent movements of the arms and face as well as spontaneous unintelligible vocalizations. When receiving verbal cues, the child can decrease and sometimes extinguish the erratic movements for several minutes. The diagnosis is:
- atypical tic disorder
 - chronic motor tic disorder
 - stereotypic movement disorder
 - Tourette disorder
9. An 8 year old girl is referred to you. For the past month she has been performing poorly in school, complains of being bored for most of the time, has run away from home on 3 occasions, and has been taken to the GP by her mother due to generalised abdominal pain, for which no cause can be found. She has a younger sibling who is 3 years old. Suggest the most likely diagnosis:
- Factitious disorder
 - ADHD
 - Depression
 - Sibling rivalry disorder
10. False about Methylphenidate: .
- Cause exacerbation of tics and stereotypies
 - Increases the adrenergic drive in the brain
 - Can be given at night
 - Should not be given if the child has comorbid psychotic illness
11. True about Adult ADHD
- This condition is recognized in the DSM-IV but not in the ICD-10
 - 25% of children with ADHD are symptomatic at the age of 30 years
 - Methylphenidate is licensed for use in adult ADHD
 - Atomoxetine can not be used in adult ADHD
12. False about BPAD in children
- ADHD medication (amphetamines, methylphenidate) can give rise to manic symptoms
 - Stimulant treatment is contraindicated if the child is on a mood stabilizer
 - Valproate treatment can give rise to PCOD in adolescent girls
 - Aripiprazole can be used in children with bipolar mania

13. False about Tics in Children:

- (A) Transient tics may be seen in 5-20% of normal children
- (B) Prevalence of Tourette is 1%
- (C) 80% of patients with tics continue to be symptomatic in adult life
- (D) Tics are exacerbated by boredom

14. False about PANDAS

- (A) Stands for 'Paediatric Autoimmune Neuropsychiatric Disorder Associated with Streptococcus'
- (B) Suggestive when a child presents acutely with tics or OCD following a sore throat
- (C) Immune mediated process
- (D) Tics and OCD should be treated with steroids

15. All are true about temperament except:

- (A) Chess and Thomas identified 9 temperamental dimensions
- (B) Rhythmicity refers to coordination of movements
- (C) Temperament is the stylistic ("how") component of behavior
- (D) Persistence is one of the 4 major temperament traits

16. All are chromosomal aberrations seen in Down's syndrome except:

- (A) trisomy 21
- (B) mosaicism
- (C) translocation between chr. 21 and 15
- (D) microdeletion

17. All are true about the diagnosis of ADHD in DSM 5 except:

- (A) several inattentive and hyperactive symptoms must be present by the age 12 years
- (B) only 5 symptoms of inattention or hyperactivity are required for individuals more than 17 years of age
- (C) symptoms must be present in at least 3 settings
- (D) subtypes have been replaced by specifiers

18. All are true about the neurobiology of ADHD except:

- (A) prefrontal cortex is involved
- (B) decreased Dopamine Transporter (DAT) binding is seen in basal ganglia
- (C) decreased theta activity in frontal regions
- (D) stimulants affect both dopamine and nor-epinephrine systems

19. All are potential biomarkers for autism except:
- (A) increased platelet serotonin
 - (B) disrupted mTOR linked synaptic plasticity
 - (C) decreased total brain volume
 - (D) amygdala hyperarousal in functional imaging
20. Which of the following scales is specifically used in children?
- (A) K-SADS
 - (B) WAIS
 - (C) SANS
 - (D) YBOCS
21. Sometimes in Catatonia, it is found, that pt repeats the question in different words, this is known as -
- (A) Echologia
 - (B) Echolalia
 - (C) Verbal stereotype
 - (D) Perseveration
22. Time limited repeated behavior, mimicking OCD, is seen in excess use of following substance -
- (A) MDMA
 - (B) Cocaine
 - (C) Amphetamines
 - (D) Methamphetamines
23. Which of the following is seen in right hemispheric dysfunction?
- (A) Visuospatial deficits
 - (B) Dysgraphia
 - (C) Dyscalculia
 - (D) Anosognosia
24. The goal of client centered therapy is to make the patient understand-
- (A) Difference between schema and distortions
 - (B) Difference between reality and imaginations
 - (C) Difference between past and present
 - (D) Difference between real self and ideal self
25. All of the followings are animal models of depression except-
- (A) Tail suspension
 - (B) Elevated plus maze
 - (C) Tail flicking
 - (D) Forced swimming
26. All of the following are true about 'forced thinking' except-
- (A) Crowding of thoughts
 - (B) Recurrent intrusive thoughts
 - (C) Stereotypical and out of control
 - (D) Egodystonic

27. Co-use of Alcohol and cocaine can lead to inhibition of metabolism -
- (A) Cocaethylene (ethyl ester of benzyl ecgonine)
 - (B) Ethylesterase
 - (C) Benzylecgonine
 - (D) Ecgonine methyl ester
28. P300 in patients diagnosed with schizophrenia -
- (A) Small amplitude, early
 - (B) Small amplitude, late
 - (C) Large amplitude, early
 - (D) Large amplitude, Late
29. Mirror transference and idealizing transference was given by-
- (A) Heinz Kohut
 - (B) Eric Fomm
 - (C) Alfred Adler
 - (D) Winnicott
30. PSP: signs and symptoms all except?
- (A) Tremor not common
 - (B) Postural instability occurs late
 - (C) Poorly responds to levodopa
 - (D) Dysphagia is the cause of death
31. Patient on Clozapine therapy, weight gain is due to following receptor-
- (A) 5HT 1A
 - (B) 5HT 1B
 - (C) 5HT 1C
 - (D) 5HT 1D
32. H/o continuous use of Cannabis for last 3 days with visual illusion, suspiciousness, aggression, fine tremor, disorientation to time, place and person. Possible diagnosis?
- (A) Cannabis intoxication
 - (B) Delirium
 - (C) ATPD
 - (D) Psychosis
33. All of the following are used for management of Delirium tremens except:
- (A) Large dose of diazepam
 - (B) Hospitalization of patient
 - (C) AEDs for prevention of seizures/ rum fits
 - (D) Management of concomitant medical condition which may ppt delirium

34. Most common psychiatric comorbidity with alcohol use disorder:
- (A) BPAD
 - (B) Depression
 - (C) Anxiety
 - (D) OCD
35. To standardize the use and administration of a given test:
- (A) Internal consistency
 - (B) Criterion validity
 - (C) Construct validity
 - (D) Norms
36. All are true for Diogenes syndrome except:
- (A) associated with bereavement
 - (B) temporal lobe dysfunction is prominent
 - (C) also known as senile self-neglect
 - (D) cognitive functions are relatively intact
37. EEG abnormalities in Alzheimer's disease include:
- (A) early stage consists of reduction in alpha activity
 - (B) early stage shows diffuse slow waves
 - (C) late stage shows reduction in theta activity
 - (D) none of the above
38. Late adulthood or old age usually refers to stage of life cycle that begins at:
- (A) 60
 - (B) 65
 - (C) 70
 - (D) 75
39. The difference between late onset and early onset schizophrenia is:
- (A) more resistant to treatment
 - (B) greater prevalence of paranoid type
 - (C) more common in men
 - (D) associated with greater socio-economic decline
40. Changes in sleep structure in persons older than 65 years include all except:
- (A) more REM episodes
 - (B) shorter REM episodes
 - (C) less total REM sleep
 - (D) only REM sleep changes

41. In cognitive disorders, which type of memory deteriorates first?
- (A) immediate
 - (B) recent
 - (C) remote
 - (D) working
42. True about suicides in elderly are all except:
- (A) rates of completed suicide are higher than in younger population
 - (B) elderly suicides involve fewer warnings and more planning
 - (C) attempts to suicide are less lethal among the elderly
 - (D) a third of the elderly persons report loneliness as the main reason for considering suicide
43. True about psychopharmacological principles in elderly is :
- (A) lean body mass decreases and body fat increases, so drug's action can be unexpectedly prolonged
 - (B) lean body mass increases and body fat decreases, so drug's action can be unexpectedly prolonged
 - (C) lean body mass and body fat decreases, so drug's action can be unexpectedly short
 - (D) lean body mass decreases and body fat increases, so drug's action can be unexpectedly short
44. Treatment of priapism is with-
- (A) Phenylephrine
 - (B) Sildenafil
 - (C) Tadalafil
 - (D) Verdenafil
45. Identify the antidepressant used for treatment of Tobacco dependence syndrome.
- (A) Bupropion
 - (B) Venlafaxine
 - (C) Dapoxetine
 - (D) Escitalopram
46. Identify the drug causing hyperprolactinaemia:
- (A) Amisulpride
 - (B) Amitriptyline
 - (C) Fluvoxamine
 - (D) Lorazepam
47. Which one among the following is NaSSA?
- (A) Clomipramine
 - (B) Mirtzapine
 - (C) Paroxetine
 - (D) Duloxetine

48. Drug used in the treatment of OCD:

- (A) Clomipramine
- (B) Clozapine
- (C) Olanzapine
- (D) Dapoxetine

49. Which mood stabilizer among the following has 'therapeutic window phenomenon'?

- (A) Valproate
- (B) Lithium
- (C) Oxcarbazepine
- (D) Carbamazepine

50. Which antidepressant among the following has less Sexual side effect?

- (A) Bupropion
- (B) Paroxetine
- (C) Fluoxetine
- (D) Fluvoxamine

51. Which drug among the following can cause pancreatitis?

- (A) Lithium
- (B) Sodium Valproate
- (C) Pregabalin
- (D) Olanzapine

52. Fluoxamine is metabolized by which enzyme?

- (A) CYP1A2
- (B) CYP2D6
- (C) CYP74A
- (D) CYP1A1

53. Which SSRI among the following has action on 'Sigma' & receptors?

- (A) Sertraline
- (B) Fluoxetine
- (C) Escitalopram
- (D) Citalopram

54. Which drug among the following is used in the treatment of Narcolepsy?

- (A) Armodafinil
- (B) Zolpidem
- (C) Clonazepam
- (D) Melatonin

55. Which one among the following does not produce QT-interval Prolongation?
- (A) Citalopram
 - (B) Quetiapine
 - (C) Ziprasidone
 - (D) Sertraline
56. Which antipsychotic among the following does not produce weight gain as side effect?
- (A) Clozapine
 - (B) Olanzapine
 - (C) Aripiprazole
 - (D) Risperidone
57. Which Benzodiazepine among the following has long half-life?
- (A) Alprazolam
 - (B) Lorazepam
 - (C) Midazolam
 - (D) Diazepam
58. Which drug among the following is used in pre-mature ejaculation?
- (A) Olanzapine
 - (B) Quetiapine
 - (C) Dapoxetine
 - (D) Propranolol
59. Which drug is used for treatment of Tic disorder?
- (A) Promethazine
 - (B) Risperidone
 - (C) Trihexyphenidyl
 - (D) Escitalopram
60. Which drug among the following produces agranulocytosis?
- (A) Olanzapine
 - (B) Clozapine
 - (C) Quetiapine
 - (D) Aripiprazole
61. Which drug among the following is used in the treatment of clozapine induced urinary incontinence?
- (A) Escitalopram
 - (B) Amitriptyline
 - (C) Duloxetine
 - (D) Milnacipran

62. Which drug among the following is not used in the treatment of migraine?
- (A) Valproate
 - (B) Propranolol
 - (C) Amitriptyline
 - (D) Escitalopram
63. All antidepressants among the following has β -2 receptor blocking property except for?
- (A) Mirtazapine
 - (B) Mianserin
 - (C) Setiptiline
 - (D) Sertraline
64. Which drug among the following has the propensity to cause nephrolithiasis?
- (A) Valproate
 - (B) Lithium
 - (C) Carbamazepine
 - (D) Topiramate
65. Which antiepileptic has anti-craving property?
- (A) Carbamazepine
 - (B) Oxcarbazepine
 - (C) Topiramate
 - (D) Lorazepam
66. Narcoanalysis can be done by using?
- (A) Haloperidol
 - (B) Thiopental
 - (C) Midazolam
 - (D) Propofol
67. Which drug among the following can precipitate mania?
- (A) Olanzapine
 - (B) Amitriptyline
 - (C) Risperidone
 - (D) Quetiapine
68. Which drug among the following does not produce hyponatremia?
- (A) Carbamazepine
 - (B) Oxcarbazepine
 - (C) Citalopram
 - (D) Pregabalin
69. Which drug is NMDA receptor antagonist?
- (A) Donepezil
 - (B) Rivastigmine
 - (C) Memantine
 - (D) Galantamine

70. Disulfiram inhibits the enzyme
- (A) Alcohol dehydrogenase
 - (B) Aldehyde Dehydrogenase
 - (C) Pyruvate Dehydrogenase
 - (D) Fatty acid ethyl ester synthase
71. Which depot injection produces “post injection syndrome”?
- (A) Olanzapine
 - (B) Haloperidol
 - (C) Fluphenazine
 - (D) Flupenthixol
72. Hypothyroidism is caused by which one of the following-
- (A) Valproate
 - (B) Carbamazepine
 - (C) Lithium
 - (D) Gabapentin
73. Stevenson Johnson’s syndrome is produced by which drug?
- (A) Lithium
 - (B) Levosulpride
 - (C) Lamotrigine
 - (D) Lurasidone
74. Which antidepressant drug among the following is used for diabetic neuropathy?
- (A) Sertraline
 - (B) Paroxetine
 - (C) Duloxetine
 - (D) Mirtazapine
75. Irresistible urge to move with inner restlessness is called as-
- (A) Akinesia
 - (B) Hyperkinesia
 - (C) Dyskinesia
 - (D) Akathisia
76. A 30 year old married lady is on Amisulpride from past 3 years. She now complains of irregular menstrual cycles and reduction in libido. Her symptoms are secondary to-
- (A) Gonadotropin
 - (B) Hyperprolactinaemia
 - (C) Thyroid Hormone
 - (D) Oxytocin

77. 'Atypicality' of antipsychotics is attributed to action of which of the following receptor-
- (A) 5HT 1A receptor
 - (B) 5HT 2A receptor
 - (C) 5HT 2C receptor
 - (D) 5HT 2B receptor
78. The following amino acid is the precursor of Serotonin-
- (A) Aspartic acid
 - (B) Tryptophan
 - (C) Glutamic acid
 - (D) Cysteine
79. A patient of schizophrenia treated with 1st generation antipsychotics for 10 years develops perioral movements. He is said to have developed:-
- (A) Tardive Dyskinesia
 - (B) Muscular Dystonia
 - (C) Akathisia
 - (D) Neuroleptic Malignant Syndrome
80. Extra pyramidal symptoms are due to blockage of Dopamine 2 receptors in following area of brain-
- (A) Dorsal striatum and nigro striatal pathway
 - (B) Tubulo-infundibular pathway
 - (C) Meso-limbic pathway
 - (D) Meso-cortical pathway
81. All of the following are Norepinephrine Reuptake Inhibitors except?
- (A) Reboxetine
 - (B) Edivoxetine
 - (C) Atomoxetine
 - (D) Duloxetine
82. Who for the first time treated psychosis with Roulfia Serpentina?
- (A) Manfred Sakel
 - (B) Sen and Bose
 - (C) Alfred Hoffman
 - (D) Thomas Kuhn
83. 'Lorazepam Challenge Test' is used for the diagnosis of-
- (A) Catatonia
 - (B) Schizophrenia
 - (C) BPAD
 - (D) OCD

84. Identify opioid antagonist among the following-
- (A) Naltrexone
 - (B) Acamprosate
 - (C) Methadone
 - (D) Tramadol
85. Varenicline is used for the de-addiction of which one of the following substance abuse?
- (A) Alcohol
 - (B) LSD
 - (C) Nicotine
 - (D) Amphetamines
86. California rocket fuel is combination of the following drugs-
- (A) Sertraline and Venlafaxine
 - (B) Escitalopram and Desvenlafaxine
 - (C) Mirtazapine and Venlafaxine
 - (D) Bupropion and Desvenlafaxine
87. Which antipsychotics among the following is known to produce Obsessions?
- (A) Haloperidol
 - (B) Olanzapine and Clozapine
 - (C) Ziprasidone
 - (D) Lurasidone
88. A patient with Bipolar Affective Disorder presents with severe vomiting and diarrhea, it was found that he is on following drugs, which one should be withheld?
- (A) Olanzapine
 - (B) Valproate
 - (C) Lithium
 - (D) Trihexyphenidyl
89. FDA approved drug for the treatment of Generalized Anxiety Disorder-
- (A) Propranolol
 - (B) Alprazolam
 - (C) Trihexyphenidyl
 - (D) Penfluridol
90. Which drug among the following produces Disulfiram like reaction?
- (A) Mirtazapine
 - (B) Metronidazole
 - (C) Memantine
 - (D) Melatonin

91. Treatment of Nocturnal Enuresis is with-
- (A) Imipramine
 - (B) Clozapine
 - (C) Duloxetine
 - (D) Fluoxetine
92. Niacin deficiency causes which of the following Psychiatric condition?
- (A) Anxiety Disorder
 - (B) OCD
 - (C) Antisocial Personality Disorder
 - (D) Dementia
93. STAR-D trail was carried out on which of the following Disorder?
- (A) Anxiety Disorder
 - (B) Depression
 - (C) Mania
 - (D) Schizophrenia
94. Nicotine Patches for treatment of Nicotine Dependence Syndrome is available in which of the following doses?
- (A) 7mg, 14mg, 21mg
 - (B) 3mg, 6mg, 9mg
 - (C) 6mg, 12mg, 18mg
 - (D) 4mg, 8mg, 13mg
95. Which antidepressant should be avoided in Psychotic Depression?
- (A) Sertraline
 - (B) Bupropion
 - (C) Paroxetine
 - (D) Fluoxetine
96. Vortioxetine is approved by FDA for the treatment of which one of the following condition?
- (A) Major Depressive Disorder
 - (B) Schizophrenia
 - (C) Bipolar Affective Disorder
 - (D) Nicotine Dependence Syndrome
97. Who found out the effectiveness of Lithium in Bipolar Disorder?
- (A) Sigmund Freud
 - (B) Joseph Cade
 - (C) Karen Horny
 - (D) Ugo Cerletti

98. Which drug among the following has propensity to induce seizures at therapeutic doses?

- (A) Lurasidone
- (B) Risperidone
- (C) Clozapine
- (D) Olanzapine

99. Which of the following drug is approved by FDA for treatment of post-partum depression?

- (A) Brexanolol
- (B) Brexipiprazole
- (C) Aripiprazole
- (D) Paroxetine

100. STEP-BD stands for

- (A) Systematic Treatment Enhancement Program for Bipolar Disorder
- (B) Systematic Treatment Enhancement Program for Birth Disorder
- (C) Schizophrenia Treatment Enhancement Program for British and Dutch
- (D) Scandenevian Treatment Enhancement Program for Bipolar Disorder

101. A person in a banquet "high" on alcohol is verbally abusing the DJ for not playing his favorite song. He has gross motor incoordination, and slurred speech. What would be his blood alcohol concentration at that point of time?

- (A) 100-200
- (B) 0-90
- (C) 300-400
- (D) 210-300

102. Name the tool used to assess the intensity of nicotine addiction?

- (A) Fagerstrom test
- (B) Urine nicotine levels
- (C) CIWA-R
- (D) COWAS

103. What is the rationale behind combining Naloxone with Buprenorphine in tablets used in Opioid dependence?

- (A) To enhance the efficacy of buprenorphine
- (B) To prevent IV abuse
- (C) To prevent sudden opioid withdrawal symptoms
- (D) To prevent adverse effects associated with buprenorphine

- 104.** Name the new diagnostic entity included in DSM-5 to differentiate children with chronic irritability from the children with BPAD and to avoid the over diagnosis of BPAD -NOS in children.
- (A) Severe Mood dysregulation
(B) Disruptive Mood Dysregulation Disorder
(C) Chronic irritability disorder
(D) Pediatric Bipolar disorder
- 105.** Name the eminent psychiatrist of the country, who for the first time demonstrated the positive role of family in the care of mentally ill.
- (A) Prof. C.R. Chandrashekhar
(B) Prof. Vidyasagar
(C) Prof. R.B. Dewis
(D) Prof. N.N. Wig
- 106.** Name the insurance scheme by the Government of India for persons with mental illness/disability.
- (A) Vajpayee Arogyashree
(B) Pradhan Mantri Swasthya Bima
(C) Swawalambana
(D) No health insurance covers mental illness
- 107.** According to the Mental Health Care Act 2017, hospitalization/treatment under emergency conditions is valid up to how many hours?
- (A) 24
(B) 72
(C) 48
(D) 12
- 108.** What are the components of the Mini-Cog test, a test for cognitive assessment?
- (A) 3 object recall + Draw a clock
(B) 3 object recall + draw a person
(C) Digit span test + Draw a clock
(D) 3 object recall + draw a person
- 109.** With respect to 10/66 dementia research project, what does "10/66" symbolize?
- (A) Prevalence of dementia is 10% in individuals older to 66 years
(B) Only 10% of the research in dementia is taking place in countries having 66% of the world dementia prevalence
(C) 10 out of 66 elder individuals across the world suffer from dementia
(D) None of the above

110. Which of the following are not one of the stages of death and dying given by Elisabeth Kubler-Ross.

- (A) Denial
- (B) Anger
- (C) Despair
- (D) Bargain

111. Amongst the drugs used in Neuro-Psychiatry, apart from Lithium which other drug is eliminated from systemic circulation unchanged by renal excretion?

- (A) Gabapentin
- (B) Topiramate
- (C) Raboxetine
- (D) Clozapine

112. In Cytochrome P450, what does "450" refer to?

- (A) Molecular weight of the pigment
- (B) Wavelength of the light pigment absorbs
- (C) Number of ATPs required to carry on drug-drug interactions
- (D) Half-life in milliseconds

113. Which of the following statements is not true with respect to the "stage of concrete operations" of the Piaget's model of intellectual development.

- (A) Syllogistic reasoning develops during this stage
- (B) "Conversation" and "Reversibility" are observed in this stage
- (C) Children in this stage cannot see things from someone else's perspective
- (D) Children in this age attain a healthy respect for rules and regulations

114. Limbic system does not include

- (A) Hypothalamus
- (B) Mammillary bodies
- (C) Fornix
- (D) Cingulate gyrus

115. THC concentration in cultivated ganja is:

- (A) 1-3%
- (B) 6-20%
- (C) 10-20%
- (D) 15-30%

116. All of the following are clinical predictors of bipolar disorder except

- (A) History of more than 5 episodes of depression
- (B) Depressive mixed state
- (C) Postpartum psychotic depression
- (D) Late onset

117. All of the following are the landmark epidemiological studies of schizophrenia conducted in India except:
- (A) IPSS
 - (B) SOFACOS
 - (C) DOSMED
 - (D) National Household survey
118. All of the following statements are true about cognitive behavioral therapy except:
- (A) Identifies and addresses the transference issues
 - (B) Time limited
 - (C) Effective in depressive and anxiety disorders
 - (D) Causes receptor level changes in brain
119. The advantages of oxcarbazepine over carbamazepine are all except
- (A) Less risk of blood dyscrasia
 - (B) Reduced risk of hyponatremia
 - (C) Reduced risk of serious skin rashes
 - (D) None of the above
120. True about PDE-5 inhibitors is:
- (A) Absorption is quicker if ingested with high fat meals
 - (B) Tadalafil has the shortest half-life of all
 - (C) Ineffective in organic erectile dysfunction
 - (D) May cause hearing loss
121. All of the following factors are associated with high suicide risk except
- (A) Male sex
 - (B) Communication internalized
 - (C) Age less than 45
 - (D) Social isolation
122. All of the following statements about borderline personality are true except:
- (A) Also called as ambulatory schizophrenia
 - (B) "Micropsychotic episodes" are common
 - (C) Affected persons have high risk of developing schizophrenia
 - (D) Mentalization Based therapy (MBT) is useful
123. "Blaug's disease" is a type of
- (A) Delusional disorder
 - (B) Malingering
 - (C) Conversion reaction
 - (D) Sleep disorder
124. Reverse Fregoli syndrome consists a delusion that:
- (A) Familiar person is replaced by a similar looking imposter
 - (B) Unfamiliar persons replaced by familiar persons
 - (C) Patient believes that he looks like a famous person
 - (D) Patient believes that he is replaced by famous person

125. Typical EEG finding of delirium tremens is

- (A) Diffuse slowing
- (B) Spikes/polyspikes
- (C) Low-voltage fast activity
- (D) Delta bursts

126. Who coined the term of Hysteria?

- (A) Sigmund Freud
- (B) Anna Freud
- (C) Hippocrates
- (D) Philip penal

127. Name a rating scale for abnormal movements.

- (A) AMIS
- (B) AIMS
- (C) MSIA
- (D) AIIMS

128. Who proposed Guru-chela relationship model?

- (A) Vidhyasagar
- (B) J.S.Nekhi
- (C) Venkaborao
- (D) Channabasavanna

129. Expand IDEAS.

- (A) International disability evaluation and assessment Scale
- (B) Indian disability evaluation and assessment Scale
- (C) Indian disorder evaluation and assessment Scale
- (D) None of the above

130. Most common type of obsession.

- (A) Blasphemous
- (B) Sexual
- (C) Contamination
- (D) Doubts

131. Expand CATIE

- (A) Clinical Antidepressant Trials of Intervention Effectiveness Study
- (B) Clinical Antipsychotic Trials of Intervention Effectiveness Study
- (C) Clinical Antidrugs Trials of Intervention Effectiveness Study
- (D) Clinical Antimanic drug Trials of Intervention Effectiveness Study

132. National mental health policy was introduced in the year

- (A) 2014
- (B) 2015
- (C) 2016
- (D) 2017

133. Who coined the term dementia praecox?

- (A) E. Kraepelin
- (B) Bleuler
- (C) Spitzer
- (D) Sigmund Freud

134. Name a rating scale used to assess Akathisia

- (A) Bush Francis rating scale
- (B) Simpson Angus rating scale
- (C) Barnes Akathisia scale
- (D) Barner Akathisia scale

135. Expand DoSMeD

- (A) Degree of Outcome of Severe Mental Disorders
- (B) Determinants of Outcome of Severe Mental Disorders
- (C) Dangerous Outcome of Severe Mental Disorders
- (D) Degree of Outcome of Severe and moderate Mental Disorders

136. Name a rating scale used to assess suicide risk?

- (A) Suicide risk assessment scale
- (B) Parekars suicide assessment scale
- (C) Harvards suicide risk assessment scale
- (D) None of the above

137. Name one serious ADR of Tadalafil

- (A) Priapism
- (B) NION (Non Arteritic Ischemic Optic Neuritis)
- (C) Hypotension
- (D) Myocardial Infarction

138. Half-life of Olanzapine

- (A) 48 hrs
- (B) 72 hrs
- (C) 90 hrs
- (D) 31 hrs

139. Vilazodone is SPARI. Expand SPARI

- (A) Serotonin partial antagonist reuptake inhibitor
- (B) Serotonin partial agonist-reuptake inhibitor
- (C) Serotonin and Norepinephrine agonist reuptake inhibitor
- (D) Serotonin and norepinephrine antagonist reuptake inhibitor

140. Most characteristic EEG findings in stage 2 of NREM sleep-

- (A) Sleep spindles and K Complexes
- (B) Delta waves
- (C) Omega waves
- (D) Only K complexes

141. National mental health program started in the year

- (A) 1982
- (B) 1983
- (C) 1984
- (D) 1985

142. Expand PANDAS

- (A) Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections
- (B) Puerperal Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections
- (C) Pediatric Autoimmune Neuropsychiatric Disorders Associated with Staphylococcal Infections
- (D) Puerperal Automatic Neuropsychiatric Disorders Associated with Streptococcal Infections

143. The depressive symptom most strongly associated with suicidal gesture

- (A) Guilt and sin
- (B) Hopelessness
- (C) Helplessness
- (D) Worthlessness

144. Hindi Mental State Examination (HMSE) was developed by

- (A) Folstein
- (B) Gurmeet Singh
- (C) Savita Malhotra
- (D) Mary Ganguly

145. Werther Effect is

- (A) Copycat Suicide
- (B) Effect on suicide survivors
- (C) Self-harm behaviours
- (D) Active suicidal thoughts

146. Persian Sufi tradition as a way of narrative psychotherapy is used by

- (A) Pakaslahti
- (B) Nossrat Peseschkian
- (C) Milton Erickson
- (D) R.C. Jiloha

147. Three monthly depot preparation is available for
- (A) Risperidone
 - (B) Paliperidone
 - (C) Aripiprazole
 - (D) Olanzapine
148. Risk of seizures with clozapine increase over the doses of
- (A) 300mg
 - (B) 600mg
 - (C) 500mg
 - (D) 400mg
149. Acute SCRA (synthetic cannabinoid receptor agonists) intoxication includes all except
- (A) Psychosis
 - (B) Hypertension
 - (C) Hypotension
 - (D) Arrhythmia
150. The term "Psychiatry" was coined by
- (A) Johann Christian Reil
 - (B) Emil Kraepelin
 - (C) Eugen Bleuler
 - (D) Nancy Andreason
151. Based on the "temperament theory" developed by Stella Chess and Alexander Thomas, all of the following are behavioural dimensions of young children except:
- (A) Activity level
 - (B) Adaptability
 - (C) Intensity
 - (D) Mood lability
152. The classical triad of Lewy body dementia include all except
- (A) Fluctuating cognition
 - (B) Visual hallucinations
 - (C) Severe neuroleptic sensitivity
 - (D) Parkinsonism
153. Risk factors that are associated with a poorer outcome from conduct disorder include all of the following except:
- (A) Lower than average intelligence
 - (B) Large family size
 - (C) Adolescence onset of conduct-disorder
 - (D) Peer rejection and association with a delinquent peer group
154. Aspergers syndrome differs from childhood autism in
- (A) Restricted, repetitive interests
 - (B) Language development
 - (C) Reciprocal social interactions
 - (D) Non-verbal communication

155. What was the new phase of sexual response suggested by Helen Kaplan (1974) with respect to the earlier Masters and Johnson's model (1966)?

- (A) Excitation
- (B) Desire
- (C) Plateau
- (D) Resolution

156. Which of the following medical conditions should be the least considered in the differential diagnosis of major depressive disorder?

- (A) Infectious Mononucleosis
- (B) Premenstrual dysphoric disorder
- (C) Chronic fatigue syndrome
- (D) Hyperthyroidism

157. All of the following features in a patient with depression indicates towards bipolarity except

- (A) rapid onset
- (B) more frequent episodes
- (C) longer duration of episodes
- (D) presence of psychotic symptoms

158. Which of the following neurotransmission systems is crucial for forming of memory?

- (A) Cholinergic neurotransmission
- (B) GABAergic neurotransmission
- (C) Noradrenergic neurotransmission
- (D) Glutamatergic neurotransmission

159. Which one of the following factors is the most consistently related to the outcome of autism spectrum disorder?

- (A) Amount of time spent in school
- (B) Co-morbid neuropsychiatric disorders
- (C) Communicative skills
- (D) Rating of social maturity

160. All of the following conditions share common anatomic targets (the basal ganglia and related cortical and thalamic sites) except:

- (A) Sydenham's chorea (SC)
- (B) Major depressive disorder (MDD)
- (C) Obsessive-compulsive and related disorders (OCD)
- (D) ADHD

161. According to MHCA 2017 provisional registration of a Mental health establishment is valid for a period of

- (A) 1 year
- (B) 2 years
- (C) 3 years
- (D) 5 years

162. According to MHCA 2017, Section 89 deals with

- (A) Independent admission of an adult
- (B) Independent admission of a minor
- (C) Supported admission up to thirty days
- (D) Supported admission up to ninety days

163. The dose of ketamine used for treatment resistant depression?

- (A) 0.5 to 1.0 mg/kg
- (B) 2.0 to 3.0 mg/kg
- (C) 3.0 to 4.0 mg/kg
- (D) 4.0 to 5.0 mg/kg

164. Which of the following is not a required baseline medical test prior to initiating treatment with lithium?

- (A) Blood urea nitrogen (BUN)
- (B) Thyroid function test
- (C) Liver function test
- (D) Electrolytes test

165. Who was the first woman psychiatrist of India?

- (A) Thara Rangaswamy
- (B) Mambalikalathil Sarada Menon
- (C) Ajita Chakraborty
- (D) Erna Hoch

166. "Primum non nocere" (first do no harm) refers to which ethical principle?

- (A) Autonomy
- (B) Justice
- (C) Beneficence
- (D) Nonmaleficence

167. If the research results are generated by manipulating data, what is this termed as?

- (A) Falsification
- (B) Fabrication
- (C) Plagiarism
- (D) Miscalculation

168. Patient is coming voluntarily for clinical examination - Which type of consent is it?

- (A) Implied consent
- (B) Informed consent
- (C) Express consent
- (D) Active consent

169. Schizophrenia occurring as a comorbid condition in a mentally retarded child is called

- (A) Paraphrenia
- (B) Pdropf's Schizophrenia
- (C) Disorganised Schizophrenia
- (D) Oneiroid Schizophrenia

170. Counter transference means:

- (A) Feeling therapist develops towards patient
- (B) Feeling patient develops towards therapist
- (C) Heterosexual cross dressing to promote sexual excitement
- (D) Preoccupation with fear of having a serious illness

171. Patient's showing obscene gestures even when asked not to do so is called

- (A) Echolalia
- (B) Echopraxia
- (C) Coprolalia
- (D) Copropraxia

172. Social classification of Suicide is proposed by

- (A) Jelinek
- (B) Durkheim
- (C) Pritchard
- (D) Goldberg

173. Sudden memory loss coupled with wandering away from home is called

- (A) Amnesia
- (B) Conversion disorder
- (C) Dissociative identity disorder
- (D) Fugue

174. Which of the following is a specific treatment for borderline personality disorder?

- (A) Rational Emotive Therapy
- (B) Dialectical Behavioral Therapy
- (C) Exposure and Response Prevention
- (D) Systematic Desensitization

175. Which of the following is not a projective test?

- (A) Thematic Appreciation Test
- (B) Stroop Test
- (C) Sentence Completion Test
- (D) Word Association Test

176. Healthy thinking includes all except

- (A) Continuity
- (B) Constancy
- (C) Organization
- (D) Clarity

177. Adam is the Street name of which of the following illicit drugs?

- (A) Cocaine
- (B) Lysergic acid diethylamide
- (C) Methylene Dioxy Meth Amphetamine
- (D) Hashish

178. Which of the following is the phenomenon in which a focal seizure undergoes secondary generalization and spreads along the entire cortex?

- (A) Todd's palsy
- (B) Generalized status epilepticus
- (C) Jacksonian march
- (D) Uncinate seizures

179. Double book keeping phenomenon is associated with?

- (A) Delusion
- (B) Hallucination
- (C) Mood
- (D) Psychomotor activity

180. A 9 year old boy is brought to the OPD with complaints of repeated shrugging movements at the shoulder. His mother says she first observed this behaviour 1 year back and it follows a fluctuating course. On questioning, the boy said he feels some uneasiness if he doesn't move his shoulder often. The boy is otherwise healthy, playful and has attained all milestone normal for his age. What is the most probable diagnosis?

- (A) Juvenile Myoclonus
- (B) Tourette syndrome
- (C) Persistent motor tic disorder
- (D) Late onset Autism

181. According to DSM-5, which of the following doesn't belong to Obsessive Compulsive and Related Disorders?

- (A) Pyromania
- (B) Hoarding Disorder
- (C) Trichotillomania
- (D) Excoriation Disorder

182. Which of the following is not a test to assess Intelligence Quotient?

- (A) Raven's Progressive Matrices
- (B) Wisconsin Card Sorting Test
- (C) Vineland Social Maturity Scale
- (D) Binet- Kamat Test

- 183.** According to Erik Erikson's stages of psychosocial development, in the age group of 13-21 years which of the following crisis is seen
- (A) Intimacy vs isolation
 - (B) Identity vs role confusion
 - (C) Industry vs inferiority
 - (D) Initiative vs guilt
- 184.** A patient diagnosed with schizophrenia was started on an antipsychotic drug. The hallucinations have decreased significantly. This effect of drug is due to its action on which dopaminergic pathway?
- (A) Mesocortical
 - (B) Tubuloinfundibular
 - (C) Nigrostriatal
 - (D) Mesolimbic
- 185.** A 45 year old lady was brought to casualty with abnormal movements which included persistent deviation of neck to right side, protrusion of tongue and drooling of saliva a day after she was prescribed Risperidone 2mg two times a day from the psychiatry OPD. She also had an altercation with her husband and in laws recently. Which of the following is the most likely cause for her symptoms?
- (A) Acute dystonia
 - (B) Acute psychosis
 - (C) Conversion reaction
 - (D) CVA
- 186.** A 11 year old boy is brought to the psychiatrist because of inability to score well in the examination. On further assessment it is noticed that he makes silly mistakes in writing and frequent spelling mistakes. However he is able to read well, and his mathematical ability is good. The boy is adopted well socially and general comprehension and articulation is good. The most likely diagnosis is
- (A) Mild mental retardation
 - (B) Specific learning disorder
 - (C) ADHD
 - (D) Receptive language disorder
- 187.** A 22 year male patient had schizophrenia & his mother blamed him for the illness; she was critical and showed anger over him. She felt that patient is burden on the family. Mother is exhibiting
- (A) Warm emotions
 - (B) Ignorance & neglect
 - (C) Expressed emotions
 - (D) Depressive emotions
- 188.** Which of the following statements is TRUE about suicide?
- (A) Suicides happen suddenly without any forewarning
 - (B) Majority of the attempters have severe mental illness
 - (C) Alcohol dependence is a risk factor for suicide
 - (D) Usually females die by suicide more than males

189. A 55 year old lady reported that she forgets where she places the objects of daily use, the items to buy while shopping and ingredients she put while cooking. She also reports of feeling low and disinterested apart from poor sleep. The probable diagnosis is
- (A) Early onset dementia
 - (B) Pseudodementia
 - (C) Mild cognitive impairment
 - (D) Benign forgetfulness of senescence
190. A college student is excessively afraid of getting on stage. He also avoids answering in the class, attending public functions/large crowds. He feels he will be judged and ridiculed by public. He has no problem mixing with small groups/close friends. What would he be suffering from
- (A) Generalized anxiety disorder
 - (B) Social anxiety disorder
 - (C) Autistic spectrum disorder
 - (D) Schizoid personality
191. The behavior that is shown after a person is repeatedly exposed to painful situations, which he/she cannot escape no matter what, is
- (A) Learned helplessness
 - (B) Acquired pessimism
 - (C) Negativism
 - (D) Passive hopelessness
192. The wife of a patient tries to shield the alcohol taking behavior of her husband by giving explanations for his alcohol use, minimizing the severity of situation. This behavior is called
- (A) Projection
 - (B) Enabling
 - (C) Over involvement
 - (D) Encouragement
193. An elderly lady with presbycusis, starts to hear voices of her dead neighbour, this an example for
- (A) Release hallucinations
 - (B) Extracampine hallucinations
 - (C) Functional hallucinations
 - (D) Coenesthesia
194. At a cocktail party, ink-cap mushroom (edible) soup was served, following the party most of the attendees started to have flushing, dizziness, palpitations, vomiting, abdominal discomfort, blurred vision & hypotension. What would be the probable reason?
- (A) Stale alcoholic drink
 - (B) Mushroom reaction
 - (C) Disulfiram like reaction
 - (D) Hypersensitivity to food

195. Mirror gazing, silly giggling and incongruent speech are seen in

- (A) Hebephrenic schizophrenia
- (B) Schizotypal personality
- (C) Body dysmorphic disorder
- (D) Transvestism

196. J.K. Rowling, the author 'Harry Potter series' opened up about her battle with

- (A) Depression
- (B) Opioid dependence
- (C) Schizophrenia
- (D) Borderline personality disorder

197. Patient visiting different doctors for same condition and not complying with the advises of the doctors referred to as Doctor shopping, is seen in

- (A) Hoarding disorder
- (B) Somatoform disorder
- (C) Generalized anxiety disorder
- (D) All of the above

198. A patient was brought to emergency department with one episode of loss of consciousness. She felt dizzy & could smell bad odor just before fainting. She had skipped breakfast that morning. Which investigation would help you the most for diagnosis?

- (A) Electrocardiogram
- (B) Electroencephalogram
- (C) Magnetic Resonance Imaging
- (D) None of the above

199. A student gets scolded in the class; he comes out and kicks the stones on the road. This is an example for

- (A) Displacement
- (B) Projection
- (C) Acting out
- (D) Undoing

200. Temporarily removing the child from the environment of unwanted behavior & terminate pleasure derived from it. For ex: corner time for mischievousness, is called

- (A) Covert sensitization
- (B) Time-out
- (C) De-chaining
- (D) Positive reinforcement

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