

# BJQ(CBRT)

## PROVISIONAL ANSWER KEY

Name of the post Psychiatrist (Specialist Service), Class 1,  
Health and Medical Services

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THE LINK FOR ONLINE OBJECTION SYSTEM WILL START FROM 19-12-2024; 04:00 PM ONWARDS

### Instructions / સૂચન

**Candidate must ensure compliance to the instructions mentioned below, else objections shall not be considered: -**

- (1) All the suggestion should be submitted through **ONLINE OBJECTION SUBMISSION SYSTEM** only. Physical or submission through E- Mail of suggestions will not be considered.
- (2) Question wise suggestion to be submitted in the prescribed format (proforma) published on the website / online objection submission system.
- (3) All suggestions are to be submitted with reference to the Master Question Paper with provisional answer key (Master Question Paper), published herewith on the website / online objection submission system. Objections should be sent referring to the Question, Question No. & options of the Master Question Paper.
- (4) Suggestions regarding question nos. and options other than provisional answer key (Master Question Paper) shall not be considered.
- (5) Objections and answers suggested by the candidate should be in compliance with the responses given by him in his answer sheet. Objections shall not be considered, in case, if responses given in the answer sheet /response sheet and submitted suggestions are differed.
- (6) Objection for each question should be made on separate sheet. Objection for more than one question in single sheet shall not be considered.

ઉમેદવારે નીચેની સૂચનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સૂચન અંગે કરેલ રજૂઆતો ધ્યાને લેવાશે નહીં

- (1) ઉમેદવારે વાંધા-સૂચનો ફક્ત **ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ** દ્વારા જ સબમીટ કરવાના રહેશે. રૂબરૂ, ટપાલ અથવા ઈ-મેઇલ દ્વારા આયોગની કચેરીએ મોકલવામાં આવેલ વાંધા-સૂચનો ધ્યાને લેવામાં આવશે નહીં જેની ખાસ નોંધ લેવી.
- (2) ઉમેદવારે વાંધા-સૂચનો રજૂ કરવા વેબસાઇટ / ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ પર પ્રસિધ્ધ થયેલ નિયત નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નક્રમાંક મુજબ વાંધા-સૂચનો રજૂ ન કરતા તમામ વાંધા-સૂચનો વેબસાઇટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર) ના પ્રશ્નક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્રમાં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સૂચનો ધ્યાને લેવામાં આવશે નહીં.
- (5) ઉમેદવારે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપે જે જવાબ સૂચવેલ છે એ જવાબ ઉમેદવારે પોતાની ઉત્તરવહીમાં આપેલ હોવો જોઈએ. ઉમેદવારે સૂચવેલ જવાબ અને ઉત્તરવહીનો જવાબ ભિન્ન હશે તો ઉમેદવારે રજૂ કરેલ વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચનો પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ હશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.

Website link for online objection submission system : <http://gpsc.safevaults.in/login/>

001. Rapid cycling bipolar is labeled when a patient has atleast \_\_\_\_\_ mood episodes in 12-month period.
- (A) 2 (B) 4  
(C) 5 (D) 6
002. The book *Mourning and Melancholia* written by
- (A) Sigmund Freud (B) Karl Abraham  
(C) Melanie Klein (D) Anna Freud
003. Terms primary gain and secondary gain are associated with which disorder?
- (A) Conversion disorder (B) Somatization disorder  
(C) Illness anxiety disorder (D) Panic disorder
004. As per FDA rating of drug safety in pregnancy, Lithium comes in which category?
- (A) B (B) C  
(C) D (D) X
005. The median of the following data sample 33, 34, 38, 39, 41, 45, 49 is
- (A) 38 (B) 38.5  
(C) 39 (D) 39.5
006. Which of the following is not an example of Cognitive Learning?
- (A) Latent learning (B) Respondent learning  
(C) Insight learning (D) Imitation
007. Which theory of motivation is also called as Pull Theory?
- (A) Drive theory (B) Opponent process theory  
(C) Optimal level theory (D) Incentive theory
008. Token economy works on the principle of
- (A) Classical conditioning (B) Operant conditioning  
(C) Modeling techniques (D) Cognitive approach
009. Broca's Area as per Brodman is area number
- (A) 41 (B) 42  
(C) 43 (D) 44
010. Inability to locate the position of an object on the skin is called as
- (A) Agnosia (B) Atopognosia  
(C) Anosognosia (D) Astereognosis
011. *Symbolic Thinking* is seen in which stage of cognitive development as per Piaget?
- (A) Sensorimotor (B) Preoperational  
(C) Concrete operations (D) Formal operations
012. Who amongst the following insisted on humane and moral treatment of mentally ill?
- (A) Rene Descartes (B) Francis Bacon  
(C) Philippus Paracelsus (D) Philippe Pinel

013. A culture bound syndrome in which person gets fear that he has transformed into giant monster that eats human flesh is
- (A) Susto (B) Taijin kyofusho  
(C) Whitigo (D) Tabanka
014. Which electrode placement system is usually used for recording EEG?
- (A) 10-20 (B) 20-30  
(C) 30-40 (D) 40-50
015. Raven's progressive matrices test is used to assess
- (A) Intelligence (B) Visuospatial ability  
(C) Attention (D) Frontal lobe function
016. Presenilin gene 1 (PSEN1 gene) is located on chromosome number
- (A) 19 (B) 21  
(C) 14 (D) 1
017. Defense mechanisms are a function of the
- (A) Id (B) Ego  
(C) Superego (D) Both ego and superego
018. Terms collective unconscious and personal unconscious were given by
- (A) Anna Freud (B) Donald Winnicott  
(C) Carl Gustav Jung (D) Sigmund Freud
019. Testamentary capacity is a legal term that refers to the capacity to
- (A) Prepare advance directives (B) Make a valid will  
(C) Refuse treatment in dementia (D) Consent to medical treatment
020. Hoover's test is a type of physical examination done to identify the possible diagnosis of
- (A) Depression (B) Hypochondriasis  
(C) Conversion disorder (D) Somatisation disorder
021. Visual hallucinations are most closely related with which of the following?
- (A) Alzheimer disease (B) Dementia with Lewy bodies  
(C) Vascular dementia (D) Frontotemporal dementia
022. Which Neuropeptide has been found to be low in patients with narcolepsy?
- (A) Hypocretin-1 (B) Neurotensin  
(C) Beta-endorphins (D) Met/Leu-Enkephalins
023. Paraschemazia is
- (A) Distortion of body image (B) Mixture of meaningless words  
(C) Distorted awareness of time (D) Loss of emotional control
024. Which of the following is a POOR prognostic factor in Schizophrenia?
- (A) Late age of onset (B) Presence of Mood disorder symptoms  
(C) Positive Symptoms (D) Male gender

025. The diagnosis of Post Traumatic Stress Disorder is given when symptoms last for more than \_\_\_\_\_ after the stressful event.
- (A) 1 month (B) 3 months  
(C) 6 months (D) 12 months
026. Which of the following is melatonin receptor agonist and serotonin receptor antagonist?
- (A) Agomelatine (B) Reboxetine  
(C) Ramelteon (D) Mirtazapine
027. Which of the following brain stimulation techniques makes use of rapidly changing magnetic field to induce small electric currents?
- (A) Electroconvulsive Therapy (ECT)  
(B) Cranial Electrical Stimulation (CES)  
(C) Transcranial Magnetic Stimulation (TMS)  
(D) Transcranial Direct Current Stimulation (tDCS)
028. The cognitive distortion in which person draws a general conclusion on basis of single incident is called
- (A) Arbitrary inference (B) Personalization  
(C) Overgeneralization (D) Selective abstraction
029. Which of the following parasomnias DOES NOT occur in NREM sleep
- (A) Somnambulism (B) Sexsomnia  
(C) Sleep terrors (D) Nightmares
030. Personality disorder in which odd beliefs or magical thinking like superstitiousness, belief in clairvoyance, telepathy etc are present.
- (A) Schizoid (B) Schizotypal  
(C) Paranoid (D) Borderline
031. Salaam attacks are commonly seen in
- (A) Lennox-Gastaut syndrome (B) Dravet's syndrome  
(C) West syndrome (D) Reflex seizures
032. As per Akiskal's classification depressive episodes with antidepressant induced hypomania is called
- (A) Bipolar VI (B) Bipolar V  
(C) Bipolar IV (D) Bipolar III
033. Which of the following is an unstructured psychological test?
- (A) Stanford Binet test (B) Bender Gestalt test  
(C) Wechsler memory scale (D) Rorschach inkblot test
034. Which of the following cells produce CNS myelin?
- (A) Astrocytes (B) Neurons  
(C) Schwann cells (D) Oligodendrocyte
035. Terms *archetypes* and *complexes* were introduced by
- (A) Anna Freud (B) Donald Winnicott  
(C) Carl Gustav Jung (D) Sigmund Freud

036. Chum period was described by  
 (A) Donald Winnicott (B) Otto Rank  
 (C) Harry Stack Sullivan (D) Harry Harlow
037. Stages of Cognitive Development were given by  
 (A) Erik Erikson (B) Jean Piaget  
 (C) John Bowlby (D) Sigmund Freud
038. Omega sign is seen in which of the following?  
 (A) Acute manic episode (B) Schizophrenia  
 (C) Dementia (D) Major depressive disorder
039. What is full form of MCMI?  
 (A) Minnesota Clinical Multiaxial Inventory  
 (B) Million Clinical Multiaxial Inventory  
 (C) Minnesota Checklist Multiple Inventory  
 (D) Million Checklist Multiaxial Inventory
040. Which of the following psychotherapy has been developed by Marsha Linehan?  
 (A) Dialectical behavior therapy (B) Gestalt therapy  
 (C) Biofeedback (D) Interpersonal therapy
041. The minimum score on PANSS scale is  
 (A) 0 (B) 14  
 (C) 26 (D) 30
042. The midline electrodes in EEG are denoted by letter.  
 (A) F (B) C  
 (C) T (D) Z
043. In CAGE questionnaire, the letter A stands for  
 (A) Accept (B) Annoyed  
 (C) Anger (D) Argue
044. Late paraphrenia is a disorder which occurs late in life usually in \_\_\_\_\_ decade.  
 (A) 4<sup>th</sup> (B) 5<sup>th</sup>  
 (C) 6<sup>th</sup> (D) 7<sup>th</sup>
045. Study of biological time is called as  
 (A) Psychology (B) Chronobiology  
 (C) Ethmology (D) Ethology
046. Which of the following is NOT a “frontal release sign”?  
 (A) Snout reflex (B) Cremastric reflex  
 (C) Palmomenta reflex (D) Rooting reflex
047. Instrumental Learning is another name for  
 (A) Operant learning (B) Pavlovian learning  
 (C) Cognitive learning (D) Avoidance learning

048. *“Three Essays on the theory of Sexuality”* was written by  
 (A) Sigmund Freud (B) Carl Jung  
 (C) William Masters (D) Virginia Johnson
049. Oedipal Complex develops at which phase of Psychosexual development?  
 (A) Oral (B) Anal  
 (C) Phallic (D) Genital
050. Theodore Lidz gave following etiology of schizophrenia  
 (A) Schisms and skewed families (B) Double bind  
 (C) Pseudohostile family (D) Pseudomutual family
051. Functional Neurological Symptom Disorder is the term for which disorder  
 (A) Somatisation disorder (B) Conversion disorder  
 (C) Hypochondriasis (D) Malingering
052. Which of the following substance is consumed as peyote “buttons”?  
 (A) Phencyclidine (B) Psilocybin  
 (C) Ketamine (D) Mescaline
053. Book *“Man against Himself”* was written by  
 (A) Karl Menninger (B) Sigmund Freud  
 (C) Emile Durkheim (D) Carl Jung
054. What happens in one part of the organism affects every other part, this phenomenon is known as  
 (A) *imprinting* (B) *holocoenosis*  
 (C) *law of coercion* (D) *disposition*
055. Strange Situation research was carried out by  
 (A) John Bowlby (B) Mary Ainsworth  
 (C) Anna Freud (D) Harry Harlow
056. Meditation based exercises in Yoga are termed as  
 (A) *asanas* (B) *dhyana*  
 (C) *pranayama* (D) *karmas*
057. An agent that binds to the same receptor as agonist for that receptor but produces the opposite pharmacological effect is termed as  
 (A) Inverse agonist (B) Mixed Antagonist  
 (C) Partial Agonist (D) Reverse Antagonist
058. Which of the following is NOT an Opioid receptor Antagonist?  
 (A) Naloxone (B) Naltrexone  
 (C) Methadone (D) Nalmefene
059. Which of the following antipsychotics is NOT available in Long Acting Depot Formulations?  
 (A) Risperidone (B) Olanzapine  
 (C) Quetiapine (D) Paliperidone

060. Name of which part of the brain means *bridge*?
- (A) Midbrain (B) Pons  
(C) Medulla oblongata (D) Cerebellum
061. First Cholinesterase inhibitor introduced in the market was
- (A) Donepezil (B) Tacrine  
(C) Rivastigmine (D) Galantamine
062. Which of the following is a mature defense mechanism?
- (A) Repression (B) Asceticism  
(C) Inhibition (D) Intellectualization
063. Déjà vu experience is an example of abnormality of
- (A) Rhythm (B) Time duration  
(C) Sense of uniqueness of time (D) Temporal order
064. Which of the following is NOT TRUE for Cushing's Syndrome?
- (A) Increase in ACTH levels (B) Moon facies  
(C) Increase in Height (D) Osteoporosis
065. Which of the following is NOT a type of descriptive study?
- (A) Clinical Audit (B) Surveys  
(C) Case series (D) Case-control study
066. Utilization behaviour is seen in lesion of which lobe of brain?
- (A) Parietal (B) Temporal  
(C) Frontal (D) Occipital
067. Knight's move thinking is also called as
- (A) Derailment (B) Tangentiality  
(C) Circumstantiality (D) Loosening of association
068. A SSRI with dopamine transporter inhibition and  $\sigma_1$  binding is
- (A) Escitalopram (B) Fluvoxamine  
(C) Fluoxetine (D) Sertraline
069. Terms *dagga* and *sinsemilla* are associated with which substance of abuse?
- (A) Cannabis (B) Cocaine  
(C) LSD (D) Amphetamine
070. The *humming bird sign* is a brain MRI finding of
- (A) Wilson's Disease (B) Progressive Supranuclear Palsy  
(C) Huntington's Syndrome (D) Muscular Dystonia
071. Delusion of infidelity is called as \_\_\_\_\_ syndrome
- (A) Declerambault (B) Othello  
(C) Van gough (D) Ganser
072. Which of the following term means "knowledge of life"?
- (A) Homeopathy (B) Ayurveda  
(C) Acupuncture (D) Yoga

073. A mode of psychotherapy in which terms like protagonist and auxiliary ego used.  
 (A) Psychodrama (B) Group therapy  
 (C) Biofeedback (D) Family therapy
074. COMET and GEMINI trials are related to which of the following psychotropic medications?  
 (A) Lasmitidan (B) Vortioxetine  
 (C) Dextromethorphan and Bupropion (D) Pimavanserin
075. A pica in which person has habit of eating starch is termed as  
 (A) Geophagia (B) Pagophagia  
 (C) Amylophagia (D) Trichophagia
076. A culture bound syndrome in which a patient complains of a small swelling on the body changing its position from time to time is  
 (A) Suudu (B) Suchibai Syndrome  
 (C) Gilhari Syndrome (D) Bhanmati Sorcery
077. Two main aspects to credibility of the source of message are  
 (A) Expertness and attractiveness (B) Attractiveness and influenceability  
 (C) Trustworthiness and Influenceability (D) Expertness and Trustworthiness
078. The afferent and efferent cranial nerves for Corneal Reflex are  
 (A) Maxillary & Facial (B) Ophthalmic & Vagus  
 (C) Facial & Facial (D) Ophthalmic & Facial
079. Russell sign seen in bulimia is caused by repeated contact between  
 (A) Incisors and skin of the hand (B) Molars and skin of the hand  
 (C) Canines and skin of the hand (D) Premolars and skin of the hand
080. Which of the following antidepressants is NARI (Nor adrenaline reuptake inhibitor)?  
 (A) Bupropion (B) Mirtazapine  
 (C) Trazodone (D) Reboxetine
081. Myrmecophobia is a specific phobia for fear of  
 (A) Blood (B) Cats  
 (C) Ants (D) Bees
082. In which of the following type of shared psychotic disorder separation of individuals results in disappearance of delusions in secondary case?  
 (A) *Folie simultanee* (B) *Folie induite*  
 (C) *Folie communiqué* (D) *Folie impose*
083. Transactional Analysis was developed by  
 (A) Sigmund Freud (B) Anna Freud  
 (C) Carl Jung (D) Eric Berne
084. Which of the following is NOT Schneider First Rank Symptom?  
 (A) Thought withdrawal (B) Somatic passivity  
 (C) Third-person auditory hallucinations (D) Delusional perception

085. The experience of seeing one's own body projected into external space is called  
 (A) Reflex hallucination (B) Autoscopic hallucination  
 (C) Hypnagogic hallucination (D) Pseudohallucination
086. Which of the following is not seen in catatonia?  
 (A) Echopraxia (B) Cataplexy  
 (C) Catalepsy (D) Psychological pillow
087. A 28-year-old Southeast Asian man presents with complaints of being extremely anxious, reduced sleep at night and not going to work regularly. During the interview, he reports that he is afraid his penis is becoming small and receding into his body. What is the clinical situation described by him?  
 (A) Dhat (B) Piblokto  
 (C) Latah (D) Koro
088. A 42-year-old with schizophrenia keeps repeating certain words in the same fashion even if no questions are asked to him. What is this phenomenon called?  
 (A) Echolalia (B) Perseveration  
 (C) Echopraxia (D) Verbigeration
089. The term "dementia praecox" was coined by  
 (A) Emil Kraepelin (B) Eugene Bleuler  
 (C) Karl Jaspers (D) Adolf Meyer
090. A 42-year-old female patient with schizophrenia stops in the middle of a sentence while being interviewed. She is not able to explain why she stopped. What is this phenomenon called?  
 (A) Thought withdrawal (B) Thought blocking  
 (C) Thought broadcasting (D) Thought insertion
091. Melancholia is also known as  
 (A) Reactive depression (B) Exogenous depression  
 (C) Endogenous depression (D) Psychotic depression
092. The dose of lamotrigine should be lower than the usual dose, if lamotrigine is used in combination with  
 (A) Valproic acid (B) Escitalopram  
 (C) Olanzapine (D) Lithium
093. Which of the following drugs has been shown to decrease the suicide rate?  
 (A) Carbamazepine (B) Olanzapine  
 (C) Sertraline (D) Lithium
094. Who proposed the theory of "learned helplessness" to explain depression?  
 (A) Wolpe (B) Seligman  
 (C) Freud (D) Beck
095. A 48-year-old male patient with difficult-to-treat depression has tried all the antidepressants except MAOIs. He is currently on an SSRI. Which of the following SSRIs needs the longest washout period before switching a patient to an MAOI?  
 (A) Paroxetine (B) Fluoxetine  
 (C) Escitalopram (D) Sertraline

096. A 54-year-old woman is diagnosed with seasonal affective disorder and light therapy is prescribed. Ideally the intensity of the light should be
- (A) 1,000 lux (B) 10,000 lux  
(C) 100,000 lux (D) 5000 lux
097. A 24-year-old woman is diagnosed with social phobia. All of the following are effective treatments *except*
- (A) SSRIs (B) Flooding  
(C) Systematic desensitization (D) ECT
098. Which of the following structures is the main source of the brain's adrenergic innervations?
- (A) Nucleus raphe (B) Locus ceruleus  
(C) Nucleus of Meynert (D) Medial temporal lobe
099. The term "amaxophobia" implies
- (A) Fear of dogs (B) Fear of dirt and germs  
(C) Fear of strangers (D) Fear of riding in cars
100. Severe debilitating OCD in a 42-year-old patient is found to be resistant to pharmacotherapy, psychotherapy, and ECT. The option of psychosurgery is discussed with the patient. The most common psychosurgical procedure for OCD is
- (A) Cingulotomy (B) Subcaudate tractotomy  
(C) Caudate nucleus ablation (D) Frontal tractotomy
101. An 18-month-old girl is separated from her parents for about 1 month following a natural calamity. The child develops severe depression following this episode. What is the name of this phenomenon?
- (A) Vulnerable child syndrome (B) Anaclitic depression  
(C) Separation anxiety disorder (D) Battered baby syndrome
102. Which of the following medications can exacerbate tics in Tourette syndrome?
- (A) Pimozide (B) Pemoline  
(C) Clonidine (D) Naltrexone
103. Mechanism of action of Guanfacine in treatment of ADHD:
- (A) Stimulating the release of dopamine from presynaptic vesicles  
(B) Inhibiting the reuptake of dopamine in the brain  
(C) Acting as an agonist at presynaptic alpha-2 receptors  
(D) Acting as antagonist at post synaptic alpha-2 receptors
104. The age of incidence of fragile X syndrome decreases in succeeding generations. What is this phenomenon called?
- (A) Anticipation (B) Assimilation  
(C) Accommodation (D) Antagonism
105. Wernicke's syndrome can cause all of the following EXCEPT
- (A) Ataxia (B) Diplopia  
(C) Dysphasia (D) Confusion
106. What is the intent to commit a crime or a guilty mind called?
- (A) Actus reus (B) Mens rea  
(C) Respondeat superior (D) Habeus corpus

107. Alcoholism is associated with all of the following personality types EXCEPT  
 (A) Low self-directedness (B) High novelty seeking  
 (C) High harm avoidance (D) Low reward dependence
108. Which of the following is not seen in heroin withdrawal?  
 (A) Rhinorrhea (B) Muscle cramps  
 (C) Miosis (D) Diarrhea
109. A 26-year-old patient without any cardiac risk factors suffers a myocardial infarction. What substance is most likely to be the cause?  
 (A) PCP (B) Sedative  
 (C) Hallucinogen (D) Stimulant
110. What neurotransmitter is associated with benzodiazepine withdrawal?  
 (A) Dopamine (B) GABA  
 (C) Norepinephrine (D) Serotonin
111. All of the following are physical features seen in alcoholism *except*  
 (A) Spider nevi (B) Palmar erythema  
 (C) Peripheral neuropathy (D) Café au lait spots
112. An 18-year-old girl presents with complaints that her eating is too much and faster than usual in episodes that she is unable to control. She usually does this when not in the presence of others. She does not report any purging behavior. What is she suffering from?  
 (A) Bulimia nervosa (B) Impulse control disorder  
 (C) Binge eating disorder (D) Anorexia nervosa
113. A 27-year-old male reports that he gets intense sexual arousal from rubbing his genital area against the bodies of members of the opposite sex. What is the condition he describes called?  
 (A) Exhibitionism (B) Frotteurism  
 (C) Fetishism (D) Sadism
114. What is klismaphilia?  
 (A) Use of enemas to get sexual arousal  
 (B) Sexual arousal by defecating on a partner  
 (C) Concentrating sexual activity on one part of the body and excluding the rest of the body  
 (D) Scatalogia
115. Which of the following is a characteristic feature of Lesch-Nyhan syndrome?  
 (A) Macrocephaly (B) Micrognathia  
 (C) Self-mutilation (D) Compulsive overeating
116. Which of the following is one of the characteristic feature of REM sleep?  
 (A) Loss of muscle tone (B) Presence of K complexes  
 (C) Presence of Sleep spindles (D) Onset usually 30 minutes after sleep onset
117. Which of the following drugs is useful as an antiemetic?  
 (A) Naloxone (B) Chlorpromazine  
 (C) Caffeine (D) Epinephrine
118. The elimination of which of the following benzodiazepines is not influenced by liver disease?  
 (A) Midazolam (B) Diazepam  
 (C) Chlordiazepoxide (D) Lorazepam

119. All of the following are side effects of tricyclic antidepressants EXCEPT
- (A) Blurred vision (B) Tachycardia  
 (C) Diarrhea (D) Impotence
120. Which of the following should be used with caution in patients with acute angle glaucoma?
- (A) Pyridostigmine (B) Thioridazine  
 (C) Tetrabenazine (D) Baclofen
121. What percentage of D2 receptor must an antipsychotic drug occupy to cause extrapyramidal side effects?
- (A) More than 20% (B) More than 40%  
 (C) More than 60% (D) More than 80%
122. Which of the following is NOT a side effect associated with valproate?
- (A) Hair loss (B) Hirsutism  
 (C) Polycystic ovaries (D) Thrombocytopenia
123. In which of the following is free association the key concept?
- (A) Client-centered therapy (B) Interpersonal therapy  
 (C) Psychodrama (D) Freudian psychoanalysis
124. Which of the following terms was coined by Melanie Klein?
- (A) Paranoid-schizoid position (B) Good-enough mothering  
 (C) Basic fault (D) Transitional object
125. What is the result of imprinting?
- (A) Children become the same as their parents.  
 (B) Offspring become independent of the mother.  
 (C) Proximity between mother and offspring is achieved.  
 (D) Newborn animals follow their mothers
126. Who created the first modern intelligence test?
- (A) Piaget (B) Binet  
 (C) Skinner (D) Wechsler
127. What is the final process in memory?
- (A) Rehearsal (B) Encoding  
 (C) Storage (D) Retrieval
128. According to Holmes and Rahe, what is the most stressful event?
- (A) Moving home (B) Divorce  
 (C) Christmas (D) Death of spouse
129. What are digit-span tasks used to measure?
- (A) Speed of processing (B) Attention  
 (C) Short-term memory (D) Long-term memory
130. Process of conversion of electrical activity at presynapse to chemical activity at synapse is known as -
- (A) Excitation contraction coupling (B) Excitation secretion coupling  
 (C) Excitation transmission coupling (D) Excitation transcription coupling

131. Inactivation of neuropeptides after synaptic release is managed by all, except -  
 (A) Diffusion (B) Sequestration  
 (C) Enzymatic destruction (D) Presynaptic reuptake
132. Cigarette smoking induces CYP -  
 (A) 2D6 (B) 3A4  
 (C) 1A2 (D) 2C9
133. The first antipsychotic drug discovered by accident in the 1950s, when a drug with antihistamine properties was observed to have antipsychotic effects was -  
 (A) Thioridazine (B) Chlorpromazine  
 (C) Pimozide (D) Perphenazine
134. "Neuroleptic-induced deficit syndrome" seen with D2 antagonism of conventional anti psychotic, the circuit affected is -  
 (A) Meso-cortical (B) Meso-limbic  
 (C) Tubero-infundibular (D) Nigro-striatal
135. Which of the following is NOT true?  
 (A) M1 blockage by conventional neuroleptics causes dry mouth, constipation and blurring of vision  
 (B) Conventional neuroleptics with weaker anti cholinergic action have higher EPS risk  
 (C) Dopamine and Ach have reciprocal action in Nigro striatal pathway  
 (D) Concomitant use of anti-cholinergic with conventional neuroleptics reduces risk of Tardive dyskinesia
136. 5HT<sub>2C</sub> binding is stronger as compared to D<sub>2</sub> binding potency in all of the following antipsychotics except -  
 (A) Clozapine (B) Asenapine  
 (C) Risperidone (D) Aripiprazole
137. Mechanism of 5HT<sub>1A</sub> partial agonism exerting possible anti-depressant action is seen in all except -  
 (A) Bupropion (B) Buspirone  
 (C) Vilazodone (D) Vortioxetine
138. Risk of agranulocytosis with clozapine is  
 (A) < 0.5% (B) 0.5 - 2%  
 (C) 2 - 5% (D) > 5%
139. Due to extensive first pass metabolism, which of the following neuroleptic is preferably given as sublingual dosing ?  
 (A) Olanzapine (B) Asenapine  
 (C) Aripiprazole (D) Risperidone
140. Paliperidone comparable to Risperidone has lesser risk of all of the following, except -  
 (A) EPS (B) Prolactinemia  
 (C) Orthostasis (D) Sedation
141. Lurasidone is theoretically considered to have all of the following activity, excluding  
 (A) Anti manic (B) Antipsychotic  
 (C) Anti depressant (D) Synchronizing circadian rhythm

142. Cariprazine has received US FDA approval for all of the following indications, except
- (A) Acute mania (B) Bipolar depression  
 (C) Dementia related psychosis (D) Schizophrenia
143. Atypical antipsychotic that was withdrawn due to cardiac safety concerns and therefore needing further study is -
- (A) Sertindole (B) Perospirone  
 (C) Sulpiride (D) Brexpiprazole
144. All of the following are considered in etiopathogenesis of depression, excluding -
- (A) Monoamine depletion  (B) HPA under activity  
 (C) BDNF deficiency (D) Neuronal depletion at hippocampus, PFC
145. Action of sertraline is on all of the following receptors, except -
- (A) SERT  (B) NET  
 (C) DAT (D) sigma 1
146. Bupropion is particularly helpful in treating depression with co morbid \_\_\_\_\_, except
- (A) ADHD (B) Nicotine dependence  
 (C) Weight loss (D) Sexual dysfunction
147. California rocket fuel is -
- (A) SNRI plus Mirtazapine (B) SSRI plus NDRI  
 (C) SNRI plus NDRI (D) NDRI plus Mirtazapine
148. Which among the following is a reversible MAO inhibitor?
- (A) Moclobemide (B) Phenelzine  
 (C) Tranylcypromine (D) Isocarboxazid
149. Hypertensive crisis on treatment with MAO inhibitors is not presented as-
- (A) Diastolic blood pressure > 120 mmHg  
 (B) Retro orbital headache that radiates occipitally  
 (C) Neck stiffness with nausea  
 (D) Dilated pupils, photophobia
150. Which of the following symptoms is not a part of the Hunter criteria for serotonin syndrome?
- (A) Clonus (B) Diaphoresis  
 (C) Diarrhea (D) Fever
151. Among the following modalities which of the following is unable to bring about rapid antidepressant action?
- (A) ECT  (B) TMS  
 (C) Scopolamine (D) Ketamine
152. Antidepressant treatment augmentation can be brought about by addition of all of the following, excluding -
- (A) L methyl folate (B) S adenosylmethionine  
 (C) Thyroxine  (D) Oral contraceptive pills

153. Area for deep brain stimulation in case of treatment resistant depression by DBS is -  
 (A) Anterior limb of internal capsule (B) Left DLPFC  
 (C) Nucleus accumbens (D) Anterior cingulate gyrus
154. Rapid-onset antidepressant effect of Ketamine is hypothetically, eventually brought by -  
 (A) NDMA blockage  
 (B) Stimulation of AMPA leading to activation of ERK/AKT signal transduction cascade  
 (C) Activation of mTOR pathway  
 (D) Expression of synaptic proteins leading to an increased density of dendritic spines
155. Pharmacological action of Pregabalin is via -  
 (A) Voltage sensitive sodium channel (B) Voltage sensitive chloride channel  
 (C) Voltage sensitive potassium channel (D) Voltage sensitive calcium channel
156. Homeostatic sleep drive is brought about by -  
 (A) Melatonin (B) Adenosine  
 (C) Histamine (D) GABA
157. Which among the following is NOT a 'Ultra-short half-life hypnotic' that wears off before the time to awaken, leading to loss of Sleep Maintenance ?  
 (A) Zaleplon (B) Zolpidem  
 (C) Eszopiclone (D) Melatonin
158. Which of the following is not a primary treatment for restless leg syndrome?  
 (A) Benzodiazepines (B) Levodopa  
 (C) Pramipexole (D) Iron replacement
159. Selective Orexin 1 receptor antagonist can be helpful in treating-  
 (A) Insomnia (B) Jet lag  
 (C) Binge eating disorder (D) Restless leg syndrome
160. Lewy Body Dementia has -  
 (A) Amyloidopathy (B) Tau pathology  
 (C) Alpha synuclein pathology (D) Leukodystrophy
161. Which of the following symptoms is not a hallmark of frontotemporal dementia?  
 (A) Memory deficit (B) Speech / language disorders  
 (C) Disinhibition (D) Extrapyramidal signs
162. Donepezil is a -  
 (A) Reversible, short-acting, selective inhibitor of acetylcholinesterase (AChE) without inhibition of butyrylcholinesterase (BuChE)  
 (B) Reversible, long-acting, selective inhibitor of acetylcholinesterase (AChE) without inhibition of butyrylcholinesterase (BuChE)  
 (C) Reversible, long-acting, inhibitor of acetylcholinesterase (AChE) and butyrylcholinesterase (BuChE)  
 (D) Irreversible, short-acting, selective inhibitor of acetylcholinesterase (AChE) without inhibition of butyrylcholinesterase (BuChE)

163. Probability of a person becoming dependent when one has tried a substance at least once is highest with -  
 (A) Tobacco (B) Heroin  
 (C) Cocaine (D) Alcohol
164. Which of the following is known as 'artificial alcohol'?  
 (A) Naltrexone (B) Rimonabant  
 (C) Acamprosate (D) Baclofen
165. Any substance causing subjective experience of heightened sensory awareness, that one is in union with mankind or the universe and having some sort of a religious experience is known as -  
 (A) Psychedelic (B) Psychomimetic  
 (C) Psychostimulant (D) Psychosis
166. All of the following have potentiating action on the appetite suppressant POMC neuronal pathway of hypothalamus, excluding -  
 (A) Bupropion (B) Phentermine  
 (C) Topiramate (D) Naltrexone
167. Recently approved 5HT<sub>2C</sub> agonist agent for weight loss is -  
 (A) Lorcaserin (B) Zonisamide  
 (C) Semaglutide (D) Orlistat
168. Which among the following is NOT a side effect of carbamazepine?  
 (A) Hyponatremia (B) Renal impairment  
 (C) Aplastic anemia (D) Foetal spina bifida
169. All the following medications are at higher risk of QTc prolongation, except -  
 (A) Iloperidone (B) Ziprasidone  
 (C) Loxapine (D) Quetiapine
170. FDA approval to the drug to treat psychosis associated with Parkinson's disease has been given to -  
 (A) Perospirone (B) Pimavanserin  
 (C) Paliperidone (D) Promethazine
171. Which of the following sentences about absence seizure is untrue ?  
 (A) Drug of choice is phenytoin  
 (B) Usual onset is 5-7 years of age and ceases by puberty  
 (C) Adult onset may present as abrupt episodes of psychosis / delirium  
 (D) Characterized by bilateral 3 Hz spike and slow wave on EEG
172. Epileptoid personality consists of all of the following complaints, except-  
 (A) Hyper religiosity (B) Hyper graphia  
 (C) Hyper sexuality (D) Viscosity of personality
173. Which of the following is seen in Psychogenic Non Epileptic Seizures ?  
 (A) Nocturnal episode (B) Non Stereotyped and asynchronous movements  
 (C) Post ictal confusion (D) Urinary incontinence

174. Megaloblastic madness seen with Vitamin \_\_\_\_\_ deficiency  
 (A) B1 (B) B6  
 (C) B9 (D) B12
175. A chronic alcoholic presenting with chronic diarrhea, insomnia, apathy, depressive symptoms and skin rash could be suffering from \_\_\_\_\_ deficiency  
 (A) Niacin (B) Thiamine  
 (C) Pyridoxine (D) Biotin
176. “Mad hatter” syndrome seen in hat factory workers due to \_\_\_\_\_ toxicity  
 (A) Manganese (B) Lead  
 (C) Mercury (D) Arsenic
177. Nystagmus with slurred speech can be seen with \_\_\_\_\_ mg / dL blood alcohol level  
 (A) 80 - 200 (B) 200 - 300  
 (C) 300 - 400 (D) > 400
178. Neurological symptoms seen in Wernicke encephalopathy include all, except -  
 (A) Vertical nystagmus (B) Lateral gaze palsy  
 (C) Vestibular dysfunction (D) Ataxia
179. In relation to alcohol use disorder - Jitters, horrors, fits and shakes are -  
 (A) Tremors, alcoholic hallucinosis, withdrawal seizure, delirium tremens  
 (B) Alcoholic hallucinosis, withdrawal seizure, delirium tremens, tremors  
 (C) Withdrawal seizure, delirium tremens, tremors, alcoholic hallucinosis  
 (D) Delirium tremens, tremors, alcoholic hallucinosis, withdrawal seizure
180. Following electrolytes are commonly seen in alcohol withdrawal confusion, excluding-  
 (A) Hypoglycaemia (B) Hyponatremia  
 (C) Hypomagnesemia (D) Hypocalcemia
181. Alcohol has all of the following effects on sleep architecture, except ?  
 (A) Decreased sleep latency (B) Decreased stage 4 NREM  
 (C) Increased REM (D) Decreased REM
182. Which of the following is not a symptom of cannabis withdrawal?  
 (A) Increased appetite (B) Vivid dreams  
 (C) Depressed mood (D) Anxiety
183. Common effects of cannabis smoking include all, except -  
 (A) Mild bradycardia (B) Conjunctival vessel dilation  
 (C) Dry mouth (D) Increased appetite
184. What does “nodding off” in opioid use disorder mean ?  
 (A) Opioid overdose confusion  
 (B) Opioid overdose cardiorespiratory collapse  
 (C) Sedation following initial euphoria after opioid ingestion  
 (D) ‘Rush’ following opioid consumption - feeling of warmth, facial flushing and itchy nose

185. Which of the following is NOT a symptom of stimulant intoxication?  
 (A) Psychomotor agitation (B) Miosis  
 (C) Chest pain, palpitations (D) Dyskinesias
186. Drug commonly distributed as “blotter paper” is \_\_\_\_\_  
 (A) LSD (B) Ecstasy  
 (C) Psilocybin (D) Mescaline
187. Major depressive disorder with atypical features includes all of the following complaints, except -  
 (A) Psychomotor slowing (B) Excessive guilt  
 (C) Over eating (D) Over sleeping
188. Drugs inducing depressive symptoms include all, except -  
 (A) Reserpine (B) Interferon  
 (C) Phenothiazine (D) Phencyclidine
189. K complexes are seen in which stage of sleep architecture?  
 (A) NREM 1 (B) NREM 2  
 (C) NREM 3 / 4 (D) REM
190. Following have clinical efficacy in Neuroleptic Malignant syndrome, except -  
 (A) Dantrolene (B) Bromocriptine  
 (C) Benztropine (D) Amantadine
191. FDA approved indication for Lithium is ?  
 (A) Bipolar depression (B) Bipolar mania  
 (C) Klein Levin syndrome (D) Schizoaffective disorder
192. Topiramate is indicated in all of the following, excluding -  
 (A) Alcohol dependence (B) Seizure disorder  
 (C) Migraine (D) Anorexia nervosa
193. Naltrexone has shown clinical effectiveness in all of the following, except -  
 (A) Autism (B) Anorexia nervosa  
 (C) Gambling (D) Self injurious behavior
194. \_\_\_\_\_ introduced convulsive therapy in 1934 by IM camphor injection in a catatonic schizophrenic patient  
 (A) Meduna (B) Paracelsus  
 (C) Carletti and Bini (D) Greengard
195. Most commonly used anesthesia in ECT is \_\_\_\_\_, due to its short duration of action and lower association with post ictal arrhythmias  
 (A) Propofol (B) Etomidate  
 (C) Methohexital (D) Ketamine
196. Pigmentary retinopathy is an adverse side effect of \_\_\_\_\_  
 (A) Chlorpromazine (B) Perphenazine  
 (C) Fluphenazine (D) Thioridazine

197. A child separated from his mother / primary caregiver becomes withdrawn, depressed and has failure to thrive. This concept is also known as -
- (A) Involutional depression (B) Depression in involution  
(C) Anaclitic depression (D) Infantile depression
198. Which of the following is NOT a mature defense mechanism?
- (A) Altruism (B) Sublimation  
(C) Anticipation (D) Intellectualization
199. Theories on “individual psychology” were given by -
- (A) Alfred Adler (B) Karl Abraham  
(C) Franz Alexander (D) Erik H Erickson
200. Acquired aphasia with epilepsy is
- (A) Lennox Gastaut syndrome (B) Landau Kleffner syndrome  
(C) Gille de la Tourette syndrome (D) West syndrome