DUA:-

"IMY Lord! upon my heart, and make my task easy for me, loosen the knot in my tongue, so that they may understand my speech."

The papers were solved by the following team of khyber pakhtunkhwa medical colleges students.

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PAPER LUVE D Exam Roll No .:_ KHYBER MEDICAL UNIVERSITY, PESHAWAR PAPER CODE **FOURTH PROFESSIONAL MBBS ANNUAL EXAMINATION 2023** Name: BLOCK J (NEUROSCIENCES - 2) Time Allowed: 120 min. Note: • Attempt all questions. Select the best answer from given choices. Handover response sheet along with question paper after attempting Use BLUE / BLACK ink only. Do not use RED Color. Filling of more than one option shall not be considered. Possession of mobile phone and other electronic accessories are strictly prohibited. 1. A 80 year old female suddenly developed right sided weakness. On examination her BP was normal. Her ECG showed atrial fibrillation. CT scan showed multiple infarcts. What is the most likely cause of stroke in this patient? a. Arteriosclerosis b-Embolism c. Hemorrhage d. Thrombosis e. Vasculitis A 32 year old male presented with headache, malaise, mental confusion and vomiting. A diagnosis of Meningitis was suspected and Lumbar puncture was performed. CSF examination shows pleocytosis made up of mononuclear cells, an elevated protein concentration with normal glucose level. What is most likely diagnosis? a. Bacterial Meningitis b. Fungal Meningitis c. Protozoal Meningitis d. Tuberculous Meningitis Viral Meningitis An army officer slowly developed behavioural changes and was not responding to anti psychotic drugs and symptoms were detoriating and also developed chorea and dementia. What is your most likely diagnosis? a. Alzeihmer Disease Huntingtun Disease c. Motor Neuron Disease d. Parkinson Disease e. Prion Disease 4. A 32 years old male suddenly developed seizures and loss of consciousness. CT scan shows a space occupying lesion in the parietel lobe. The tumor was biopsied and showed geographic necrosis with peripheral palisading. What is the most likely diagnosis? a. Diffuse Astrocytoma b. Ependymoma Glioblastoma multiforme d. Meningioma e. Oligodendroglioma 5. A 39 year old female presented with lower limb weakness which was progressive in nature. MRI showed Dural based mass with the lumbar region. On microscopic examination the tumour was composed of spindle cells arranged in whorls. At foci psammoma bodies were also seen. What is your diagnosis? a. Ependymoma e. Oligodendroglioma Meningioma d. Medulloblastoma b. Glioblastoma multiforme 6. Myasthenia gravis is a chronic autoimmune disorder in which antibodies destroy the communication between a. Nerve and bone Nerves and muscle b. Neuron and axon d. Oligodendrocyte and astrocytes e. Astrocytes and Schwann cells 7. Which type of infarction will occur in brain tissue after thrombotic occlusion of the superior sagittal sinus? White (Non hemorrhagic) infarction a. Bland infarction b. Fibrotic infarction c. Septic infarction e. Red (Hemorrhagic) infarction 8. A 27-year old patient displays ataxia when asked to walk across the examination room. You ask him to stand still with his eyes closed and note marked swaying back and forth. When he opens his eyes the swaying persists. Vibration sense is normal on all four limbs. Given the clinical picture in this case, such ataxia is likely due to damage to which of the following structures? c. Posterior limb of the internal capsule b. Cerebral peduncles a. Dorsal columns d. Ventral horns of the spinal cord e €erebellum 9. Your patient is a 14-year-old girl who was sent home from school because she had mild fever, severe headache, and was falling asleep in class. A day later her fever started rising, her mother took her to the emergency room, where blood pressure was recorded to be 60/40 mm Hg and several petechial hemorrhages were found. She was diagnosed with Waterhouse Friderichsen Syndrome. Which out of the following is most likely cause? b. Listeria monocytogenes Neisseria meningitidis a. Haemophilus influenza d. Streptococcus pneumoniae e. Streptococcus agalactiae 10. A 5-days-old baby boy was delivered by caesarean section after prolonged labor. On fifth day he was brought to the emergency with high grade fever. Examination revealed that nuchal rigidity was positive. He was diagnosed with meningitis, based on CSF findings showing Gram positive cocci in chains. Biochemical tests revealed it to be Streptococcus agalactiae.

Based on the scenario, from where would have the child acquired the disease?

e. None of the above c. Mosquito bite d. Own normal flora Colonized birth canal b. Feco-oral route 11. A 28-year-old male was admitted with history of seizure preceded by fever and altered mental status associated with severe headache for the past one day. CT scan revealed multiple nodular lesions. There was no history of owning a pet or coming in contact with any other animals. He was suspected to be a case of Cerebral toxoplasmosis. Which out of the following is the most likely mode of transmission?

c. Pseudocysts in meat . Oocysts in cat feces a. Mosquito bite

d. Tsetse fly bite 12. A 40 years old male patient is suffering from rabies after dog bite one month back. He has difficulty in drinking water and

dyspnea. What pathological changes would you expect in the basal ganglia of this patient?

e. Vesicular nuclei d. Nissl substance Negri bodies b. Lewy bodies 13. A young lady is suffering from left cerebral hemisphere tumor on CT scan examination. The tumor is dural based and Shifting

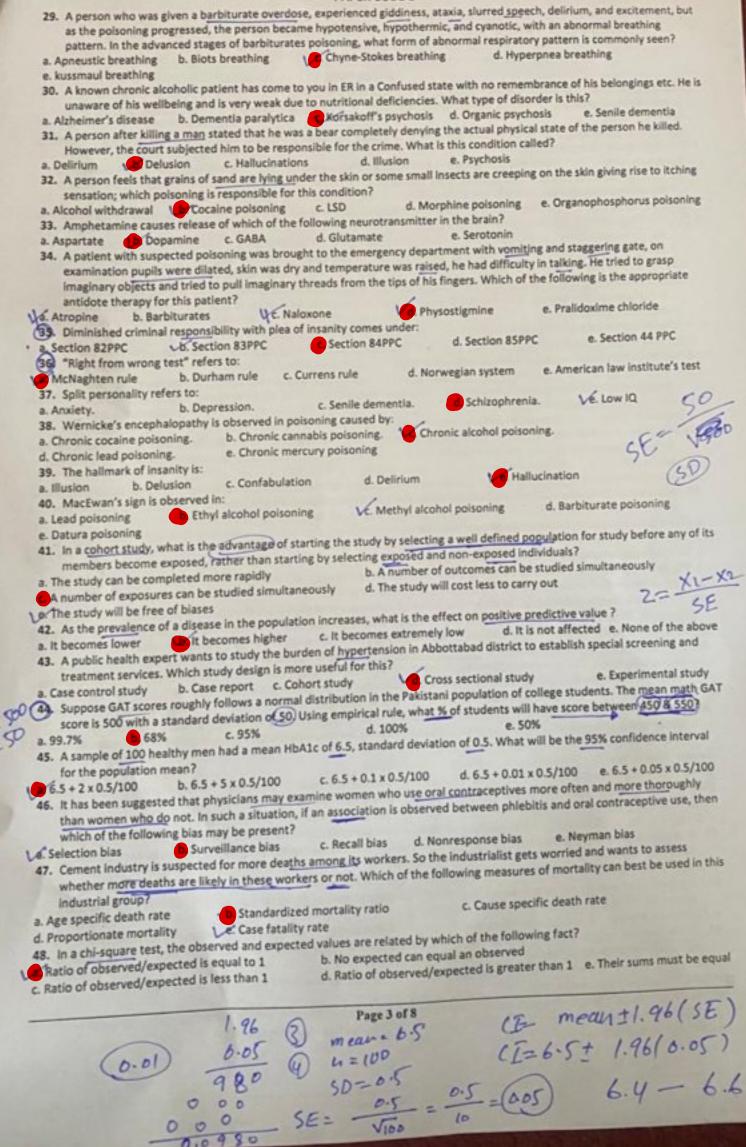
of the ventricle to one side. Which one is the most relevant diagnosis? c. Primary germ cell tumor b. Neurofibromatosis

d. Tuberous sclerosis

a Meningioma e. Von-hipple lindau disease

PAPER CODE B

14. A 35 years lady is suffering from space occupying lesion in the brain. On CT scan examination there is a tumor in the right
cerebral hemisphere. The Histopathologist reported this case as pllocytic astrocytoma. Which of the following microscopic features are diagnostic of this condition?
a. Cowdry bodies b. Negri bodies c. Neurofibrillary tangles d. Neuronal plaques Rosenthal fibers
15. A 70-year-old man presents with loss of memory for recent events. He has forgotten his grandchildren's names, and he has
been unable to manage his personal finances. Also, he has lost his way while driving to familiar locations. Which of the following is the most likely diagnosis?
Alzheimer disease b. Amyotrophic lateral sclerosis c. Creutzfeldt-Jacob disease d. Huntington disease
e. Parkinson disease
16. A 6 months old baby was brought to neurosurgeon with symptoms of irritability, sleeplessness and vomiting. Baby's head
was irregularly large. MRI revealed a tumor near fourth ventricle. Post surgical histology revealed well-circumscribed cellular neoplasm with sheet-like growth pattern. The tumor cells were frequently arranged around blood vessels creating
perivascular pseudorosettes. Which tumor do you suspect in this case?
a. Chroid plexus carcinoma b. Craniophyrngioma Ependymoma d. Glioma e. Pineoblastoma
17. A 45 year old man suddenly developed severe headache followed by neurologic deterioration and unconsciousness. CT scan showed rupture of arteriovenous aneurysm. What is the location of vascular injury in central nervous system?
a. Cerebellum b. Epidural space c. Subdural space Val Subarachnoid space e. Intraparenchymai region
18. A 15-year-old boy presented with tinnitus and hearing loss. On CT scan a tumor was found at cerebellopontine angle. On
biopsy, microscopically the tumor showed cellular areas that had spindle cells arranged into intersecting fascicles and hypocellular areas having myxoid extracellular matrix. What is the most likely diagnosis?
a. Dermatofibroma b. Malignant peripheral nerve sheath tumor c. Neurofibroma C. Schwannoma e. Triton tumo
19. A 52 year old woman presents to emergency department with sudden severe headache. On examination she has nuchal
rigidity and blood pressure of 118/81 mmHg. CSF shows numerous RBCs, no neutrophils, a few mononuclear cells and a
normal glucose level. CT imaging shows sub arachnoid hemorrhage at the base of the brain. Which of the following vascular
events has most likely occurred in this women?
a. Bleeding from cerebral amyloid angiopathy b. Hematoma formation from arteriolosclerosis c. Middle cerebral artery thromboembolism.
e. Tear of subdural bridging vein
A 67-year-old male with a 70-pack-per-year smoking history and hypertension is eating dinner with friends when he sudden
begins to speak in incomplete sentences and with noticeable pauses between small groups of words. He is brought to the
emergency room. During his subsequent hospital admission, a follow-up CT scan is performed 24 hours after his arrival at the
emergency room. Of the following, which is most likely to be identified
a. Ischemic injury in the superior left frontal lobe b. Ischemic injury in the superior right frontal lobe
c. Ischemic injury in the superior left parietal lobe Ischemic injury in the inferior left frontal lobe
e. Ischemic injury in the inferior right frontal lobe
21. A 27-year-old male is partying with friends and snorts cocaine. Shortly thereafter, he becomes unresponsive on the couch. Fortunately, his friends bring him to emergency within minutes. Resuscitation is begun, but a pulse is not restored until the
arrive at the emergency room, approximately 20 minutes after he went unresponsive. He does not regain consciousness. O
day later, he is pronounced brain dead. An autopsy is performed by a forensic pathologist. Of the following, which change
would be identified in the hippocampus.
a. Gliosis La Red neurons c. Neurofibrillary tangles d. Microglial nodules e. Foamy macrophag
22. A 45-year-old man with AIDS is admitted to the hospital with a productive cough, fever, and night sweats. An X-ray fi Im of
chest shows an ill-defined area of consolidation at the periphery of the right middle lobe and mediastinal lymphadenopath
A sputum culture grows acid-fast bacilli. The patient develops severe headache and neck rigidity. Which of the following
pathogens is the most likely cause of meningitis in this patient?
a. Aspergillus flavus b. Cryptococcus neoformans c Mycobacterium tuberculosis d. Neisseria meningitidis
VE. Toxoplasma gondii
23. A poison which causes excitement and then narcosis is known as:
nebriant Vb. Somniferous Vc. Narcotic d. Hypnotic e. Sedative
24. The duration for detention for the purpose of assessment of mental illness, in KPK mental health Act, 2017 is:
a. 21 days 28 days c. 3 months d. 4 month e. 6 month
25. A patient of snake bite poisoning is brought to emergency department. On examination, the patient has 2 bite marks and
having ptosis, paralysis of extra ocular muscles and convulsions. The bite is most probably by a:
Cobra . Karate Krait c. Pit viper d. Non pit viper e. Sea snake
26. The frenzied state Run Amok is the result of:
Drug Induced Psychosis b. Epileptic Psychosis c. Psychosis due to General Disease
d. Psychosis due to Pregnancy e. Psychosis due to Trauma
27. Ultrashort Acting Barbiturates after intravenous administration are quickly redistributed and on chemical analysis are mo likely to be detected in:
A A A A A A A A A A A A A A A A A A A
a. Bile 6. Body fat c. Bone d. Muscles e. Skin 28. State of Involutional Melancholia consisting of statements that "there is no world, he does not exist, his body is dead,
and reference
a. Confabulation b. Hypochondriacal Delusion c. Illusions of Mihilistic Delusions e. Tactile Hallucina



PAPER CODE B

n Ach	love predictability	he best approach in	eve unpredictab	Hilly	C. MCINETE DILL		t confounding
e. Lim	it blinding	0.710			ohtain n = 0.0256	, which of the fol	llowing statement about
50. If	, after performing	a student t test to	r comparison of	means, we	Obtain p		INC accent H1
a. We	accept Ho	b. We cannot d	ecide We	e reject no a	no accept re	to cigarette smo	king. Which of the
51. S	everal studies hav	e found that appro	oximately 75% of	cases of lu	ng cancer are our		-
16	HOWING INCASORE						ortionate mortality ratio
	incidence rate	An attributal		relative risk	d. A prevalence	1150	
9 (52.) If		the value of left-ta			s e. 2.33		
a. 1.9	5 101.5	6 c. + 1.	545	d -1.64		lowing?	
(53) T	he level of signific	ance is the maxim	um probability o	f committin	g which of the for	e of the above	
Typ	elerror b. Typ	e II error	с. В.	d. µ	Ce. None	in literativ proje	ong survival in patients rrence measures would
54. A	new combined ch	nemotherapy and i	mmunotherapy	regimen ha	s been shown to	significantly pro-	rrence measures would
W	ith metastatic me	lanoma. If widely	implemented, w	which of the	following change	s in disease occu	rrence measures would
y	ou most expect?						
a. Inci	dence increases,	prevalence decrea	ses b. In	cidence dec	reases, prevalenc	e decreases	
c. Inci	dence increases, p	prevalence increas	es 6d In	cidence doe	s not change, pre	valence increase	
e. Inci	dence does not ch	hanges, prevalence	e does not chang	e			mared for their
55. A	study is performe	anges, prevalence	rs of babies born	with and v	vithout neural tub	e defects are co	mpared to the most
a	etaminophen co	nsumption during	the first trimeste	er of pregna	ncy. Which of the	he following mea	sures of association is most
iii	kely to be reporte	d by investigators	?				e. Hazard ratio
				cidence rati	o Odd	s ratio	e. Hazard ratio
		f war were observ	ed for cancers fr	om April 19	91 till July 2002, v	while 50,000 sold	iers who served elsewhere
d	uring the same pe	eriod were also ob	served for the or	ccurrence o	f cancers. What is	the epidemiolog	ical study design in this
5/	enario?						
		Cohort stud	v c. Cross section	onal study	d. Quasi experi	mental study	e. Randomized control trial
57 A	study was done o	over 1000 individu	als to establish t	he relations	hip between high	cottee consump	tion and gastritis. The
31. 0	relation coeffici	ent computed for	the two parame	ters was "r'	= 0.829. What de	oes this show?	
a The	on is no association	on between the tw	o parameters	-			
a. Inc	two parameters	are directly correl	ated, and the as	sociation is	strong		
The	two parameters	are directly correl	ated, and the ass	sociation is	weak		
c. The	two parameters	are inversely corn	elated, and the a	association i	s strong		
		Income abounder	alatad and the s	ecoriation i	s weak		
	THE RESERVE OF THE PARTY OF THE		examples the m	ast commo	n age or patients i	with colorectal co	ancer that was found to be
58. A	research study w	eshors published	the data graphic	ally. What y	would be the mos	t likely shape of	this frequency distribution?
-		h Din	andal a N	egatively sk	ewed a. ros	itively skewed	c. attaignt mile
			a Bland hamne	ionin levels	of school going cl	hildren and come	pare it with normal
59. A	researcher wants	to know about the	andard deviatio	n is not kno	wn although data	a follows normal	distribution. For obtaining
he	emoglobin levels.	statistical significa	andard deviated	e following	statistical test w	Ill be applied?	
		statistical significa	nce, which of the	1/One	sample unpaired	t-test d. To	wo sample t test e. Z test
Va. Chi	square test	. One sample	paired t-test	adamly sur	neved and asked	about their prac	tice of contraception in
60. A	sample of 160 ur	ban and 150 rural	women were re	moorning sui	the following tah	le What will he	the most appropriate test to
re	lation to education	on level. The data	obtained is sum	imarizeo in	the lonowing ran	e. Willet Will De	the most appropriate test to
ac	cept or reject the	null hypothesis i	n this case?				
Gende	r High school	Bachelors	Masters	Total			
Urban		60	50	160			
Rural		20	10	150			
Total	170	80	60	310			
		Carrelation coef	ficient c. Inde	pendent sa	imple t-test d	. Paired sample t	-test e. Z test
Chi:	square test b	na after identifyin	e different strat	a, which of	the following sar	mpling technique	can be used to include
61. In	stratined sampli	ales incinering	S and a second				
SU	bjects in the sam	pier	c. Purposive	1 Sim	nole random	e. Multistag	e
a. Con	secutive b. Cor	nvenience	c. Furposive	er showing	growth of 24 mo	nths old babies.	between 25th and 75th
62. A	growth chart was	this statistical ter	m known as f				
				c. Per	centile d. St	andard deviation	e. Variance
a. Con	idence interval	y to calculate and	consist of crud	e birth rate	s and crude deat	h rates. What w	ill be the denominator for
Ca	culation of crud	th rates Mi	d-vear population	on c. Nu	mber of live birth	is in area d. I	Population at risk
a. Birth	rates minus des	ich races was ivis	a Jear popular			200	
Me. Tota	l births (Live + st	iii) in the area	union roundly	of 3500 por	ulation, 30 cases	of food poisoni	ng had occurred after
64. In	an outbreak of fo	ood poisoning in a	union council	is the case	fatality rate in th	nis scenario?	
at	tending a weddin	ng ceremony with	6 deaths, while	13 6110 0000	e. 50%		~
a. 10%	4 7 9 90	6 c. 30	6 d.4	40%	2.307		\$ X109
							1/2.

PAPER LUUE B

65. For the prevention of stroke, a researcher wants to find out undiagnosed cases of hypertension in a community by applying
screening test and keeps the cut off point as 100/60. What will be the effect on the outcome of screening test?
Sensitivity increases and specificity decreases c. Sensitivity and specificity both will increase d. Sensitivity and specificity both will decrease
e. Sensitivity and specificity will remain same
66. A researcher is interested in recording the number of individuals in a particular geographic region who had a common cold at
some point during the month of February 2015. Which of the following measures of morbidity would be the most
appropriate in answering this question?
a. Cumulative Incidence b. Incidence Density c. Incidence risk d. Period prevalence
67. In analytical studies we develop association between risk factors and a disease. Which of the following in case control studies
ascertains whether there is an association between exposure status and occurrence of diseaser
68. If the research study is based on a socially unacceptable topic then which one is a preferable method of data collection?
a. Group discussion b. Interviews Mailed questionnaires d. Questionnaires by interviewer e. Telephone call
69. A researcher conducted a study determining the cause effect relationship between COPD and silica dust. He found that it is
more common in miners. What type of variable is occupation in this study? Confounding variable b. Dependent variable of Outcome variable e. Output variable
a. Confounding variable b. Dependent variable processes of some variable of the confounding variable of the confou
complaining of pins and needle sensations in the right hand and weakness of the left leg for the past 03 days. What is the
most likely diagnosis? a. Ischemic Stroke Multiple Sclerosis c. Pituitary tumor d. Transverse Myelitis e. Cervical Cord myelopathy
71. 40 year of age female admitted in neurology ICU with complaints of acute onset all limb weakness and with areflexia and
unable to maintain coturation. Her respiratory rate was 55 per minute and with severe type 1 respiratory failure. The original
nerve conduction study was suggestive of acute sensory motor polyneuropathy. What is next best step of management plan to
be taken?
a Plasmanaresis with mechanical ventilation to by steroid c. iv antibiotic. d. Observation for next 24 hours e. None
72. A 75 year of are male nationt presented with a 5 year history of gradual onset slowly progressive decline in the memory. He is
now unable to recall simple names and often cant remember his home address. He is diagnose to be a case of delirence
secondary to Alzheimer disease. Presence of which of the following histopathological findings in the brain will confirm this
disease?
a Cholesterol b Tumor c Rupture blood vessels d. Plaques and tingles e. None of them
A 35 years of any female nations presented to the emergency department with a 1 day history of road traffic accident with
hemi section of the cord at thoracic D12 level. Patient was diagnose to be a case of brown sequard syndrome. This disease
has all the following findings except?
a Insilateral extensor planter response. b. Ipsilateral pyramidal tract involvement
d. Control steral sploothalamic tract involvement d. Controlateral posterior column involvement Le. All of them
74 60 year of age male nations presented to the neurology OPD with new acute onset very severe headache associated with
severe paying and photophobia. His neck stiffness was positive with pulse of 80/minute and blood pressure of
(180/90. Which investigation needs to be considered first for urgent diagnosis of the underlying cause?
h MPI healo III CSF routine analysis d. EEG brain e. Ultrasound
at 10 years old female student living in college hostel presented to ER with 1 day history of fever and headache. On physical
and her temperature was 39.1 Degree Celsius and her heart rate was 124/min. She was toxic. She had neck stiffle
and there were small, purple and non-blanching petechiae on both her legs. Lumbar puncture showed elevated opening
pressure, elevated protein, pleocytosis and low glucose. What is the likely diagnosis?
a. Fungal meningitis b. Meningococcal meningitis c. Subarachnoid hemorrhage d. Tuberculous meningitis
e. Viral Encephalitis
76. An 8 years old boy was brought by his family for episodes of mental disconnection but no involuntary movements. These
episodes occurred briefly for a few seconds and increased in severity with the passage of time. What is the diagnosis?
a Psychogenic attacks \ b. Absence seizures c. Metabolic encephalopathy d. Grand mal epilepsy
a. rsychogenic attacks Co. Absence seconds
e. Transient ischemic attacks
77. A 23-years-old female was brought by her brother to medical emergency with lower limbs weakness for last 3 days. She had
also pain and numbness in lower limbs. She was also complaining of retention of urine for last 1 day. She gave no history of
fever or any other illness in past 1 month. Her upper limbs were completely normal. Clinical examination showed signs of
upper motor neuron lesion in lower limbs and sensory level at T4. What is the most probable diagnosis?
a. Guillen Barre syndrome b. Multiple sclerosis c. Poliomyelitis d. Pott's Disease C. Transverse myelitis
78. Parkinson's disease is primarily characterized by degeneration of neurons in the
a. Hippocampus b. Substantia nigra c. Cerebellum d. Thalamus e. Corpus callosum
79 Caries spine is caused by bacterium
a. Streptococcus Pneumoniae b. Neisseria meningitis C. Mycobacterium Tuberculosis
d. Mycoplasma Pneumonia e. E-Coli
en. What is the most common initial symptom of Gillian Barre Syndrome?
a. Visual disturbances b. Muscle rigidity C. Ascending muscle weakness d. Hearing loss e. Muscle wasting
a. Visual disturbances of most of gody

81. 32 year old male with history of recent initiation of antipsychotic drugs presented to emergency with sudden sustained muscle spasm of peck muscles. muscle spasm of neck muscles resulting in abnormal posturing of the head. Which of the following is the most likely cause of the symptoms: c. Neuroleptic malignant syndrome a. Tardive dyskinesia 82. 28-year-old woman presents with persistent sadness, feelings of hopelessness, and difficulty bonding with her newborn. After ruling out medical course Acute dystonia ruling out medical causes, you suspect postpartum depression. What is the most appropriate management strategy for this patient? b. Counseling and psychotherapy Selective serotonin reuptake inhibitors (SSRIs) patient? a. Immediate psychiatric hospitalization e. Dietary supplements and herbal remedies 83. A 35-year-old patient presents with persistent and excessive worry about having a serious medical condition, despite thorough medical condition. d. Electroconvulsive therapy (ECT) thorough medical evaluations consistently showing no evidence of such conditions. The patient often seeks reassurance from healthcare professionals and frequently visits various specialists. Which of the following is the most appropriate diagnostic criterion for hypochondriasis in this scenario? a. Presence of physical symptoms without medical explanation b. Fear of having a serious medical condition based on misinterpretation of bodily symptoms c. History of multiple unexplained medical consultations Persistent belief in the presence of a specific serious illness despite medical reassurance e. Frequent use of online health forums for self-diagnosis and validation 84. In a psychiatric evaluation a 17 year old female with significant weight loss, intense fear of weight gain and distorted body image. She admits restricting food intake and engaging in excessive exercise. She also experiences amenorrhea. Which of the following is MOST indicative of Anorexia nervosa: a. Body mass index below 18.5 Intense fear of gaining weight. c. Excessive exercise d. Distorted body image e. Amenorrhea 85 In a complex clinical scenario suggestive of Conversion Disorder, which diagnostic feature is most likely to be observed? a. Elevated inflammatory markers В. Positive findings on electroencephalogram (EEG) Inconsistencies between reported symptoms and objective clinical findings d. Abnormalities in cerebrospinal fluid (CSF) analysis e. Presence of specific genetic markers associated with neurological disorders 86. A 28-year-old woman presents with a history of panic attacks and avoidance of certain situations. She describes intense fear, rapid heartbeat, sweating, and trembling when she thinks about leaving her home or being in crowded places. She often avoids going to the grocery store or taking public transportation. These symptoms have been ongoing for six months and are significantly impacting her daily life. What is the most likely diagnosis for this patient's condition? a. Social Anxiety Disorder b. Panic Disorder Generalized Anxiety Disorder d. Agoraphobia e. Obsessive-Compulsive Disorder 87. A 30-year-old woman presents with sudden-onset paralysis of her right arm. She reports no history of trauma, and her medical history is unremarkable. Neurological examination reveals inconsistent findings, and there is a lack of appropriate response to sensory stimulation. The patient seems relatively unconcerned about her condition. MRI and other imaging studies show no structural abnormalities. Which of the following is the most likely diagnosis? Conversion Disorder b. Multiple Sclerosis c. Stroke d. Peripheral Nerve Injury 88. A 32-year-old patient presents with persistent low mood, loss of interest, and decreased energy for the past six months. They e. Myasthenia Gravis report feelings of worthlessness and difficulty concentrating. Despite supportive interventions, the symptoms persist. Which factor is most indicative of a poorer prognosis in this case? b. Family history of depression a. Age of onset c. Response to initial treatment Comorbid medical conditions e. Occupational stressors 89. A 35 years male has presented with complaints of weeping spells, decreased energy, fatigue, decreased confidence, and lack of sleep for the past 20 days. He is having a. Anxiety disorder Depression c. Depression with psychotic features d. Mixed anxiety and depression e. Obsessive-compulsive disorder 90. A 20 years old male presented to you in emergency with history of loss of consciousness for 5 mint after RTA, then regain consciousness and after one hour he become unconscious and his right pupil is dilated. What is the diagnosis? c. Intra parenchymal hematoma a. Chronic sub-dural hematoma . Extradural hematoma d. Subdural hematoma e. Subarachnoid hemorhage 91. A one-month-old child presented to you in emergency with history of large head circumference with vomiting. On

examination there is shiny skin and dilated veins on scalp and also has sun setting eye. What is your first line of investigation.

92. An 8 days old neonate was brought to the Nursery with complaints of poor feeding and fever for the last 2 days and fits for 1 day. Birth history was not significant. On examination, the baby was febrile and has bulging anterior fontanelle. You suspect

d MRI brain

d. Listeria Monocytogenes

e. None

e. Salmonella Paratyphi

c. CT Brain

him as a case of meningitis. What is the most common organisms for it in this age group?

b. Streptococcus viridians c. Staph. Aureus

La. BLI, S

107. New and novel drugs have revolutionized the treatment of Parkinson's Disease that aim to increase the efficacy while

La Levodopa

108.A 50-year-old male patient with a history of obsessive-compulsive disorder was prescribed MAO Inhibitor by his psychiatrist.

a. Beta-blockers b. Calcium channel blockers c. Diuretics

d. Nonsteroidal anti-inflammatory drugs (NSAIDs) Selective serotonin reuptake inhibitors (SSRIs)

109.A 30-year-old male patient is diagnosed with major depressive disorder and is prescribed amitriptyline. He takes the medication as prescribed for several weeks and report improvement in his mood and energy levels. What is the mechanism of action of amitriptyline in treating depression?

a. It inhibits the breakdown of acetylcholine

c. It increases the production of Dopamine

e. It increases the production of serotonin

b. It blocks the receptor sites of dopamine

Lo It inhibits the reuptake of serotonin and norepinephrine

PAPER CODE B

110.A 37-ye	ear-old man wit	h psychosis has l	been treated with hime is a result of halo	aloperidol. He has	been developing which of the f	ng Parkinson-like symptoms. following tracts?		
a. Mesocori	tical tract	b. Mesolimbic tr	ne is a result of flat	riatal tract	d. Reticulospina	l tract		
e. Tuberoin	fundibular tract							
111.A 38-ve	ar-old heroin a	ddict was detern	nined to quit the ha	hit and was admit	ted to a detoxif	fication clinic. After physical		
examin	ation and labor opropriate for the	atory tests, treat	ment was started.	Sublingual adminis	stration of which	h of the following drugs would be		
Buprenor		. Codeine	a Dianasan	d. Naltrex	000	e. Phenobarbital		
			c. Diazepam			contraceptive medication for		
several	vears Three me	onthe earlier ch	ame pregnant. She	h somelow partial	recisuses and et	arted the prescribed therapy.		
Which o	of the following	druge was she a	e was diagnosed wit	n complex partial	Seizures and si	arted the presented management		
Carbamez	Which of the following drugs was she most likely taking? Carbamezapine b. Clonazepam c. Gabapentin d. L.				Lamatriaina	Lamotrigine e. Valproic Acid		
A STREET OF STREET OF STREET	CANONICO CONTRACTOR CO		oines has some anti	abapentin d. Lamotrigine ne antidepressant properties?				
Va Alprazolan	n h	. Diazepam	c. Lorazep			e. Temazepam		
	The same of the sa		the under treatment	of balancidal as	d. Nitrazepam	arkinsonism like symptoms. Which		
of the fo	llowing drugs v	yould be a good	choice in this case?	of natoperidol pr	esented with F	al Killsonishi ince symptoms. Trinen		
a. Levodopa	b	. Benserazide	Benzher		Calculling	e. Bromocriptene		
CONTRACTOR OF THE PARTY OF THE PARTY.			es would be a good	chain for the la	I. Selegiline	ement of panic disorder?		
a. Phenothiaz	ines b	Aripiprazole	c. Benzodi		l. Beta blockers			
						e roadside accident. The house		
officer ac	dministers nalb	uphine to him for	or the pain Why the	administration of	f nalbunbing to	this patient is not considered a		
good cho	ice?	- comme	it the pain. why the	administration o	ir naibupnine to	this patient is not considered a		
THE PARTY OF THE P		eceptor agonist	. h	Nalhumbina is a u		is the seasoning		
Nalbuphine	may precipitat	e a withdrawal				ic than morphine		
			crease blood loss	. The patient is pr	obably cross to	lerant to nalbuphine		
			nitation in the use of	of Classains for th				
a High incider	nce of extra nur	ramidal side effe	acte					
			of schizophrenia	The second secon	ce of postural h	SALE CONTRACTOR OF THE CONTRAC		
	of hyperprolact		or schizophrenia	Ce. its pote	ntial to cause a	granulocytosis		
			and the Park to the sky					
			y with lithium in th					
a. Constipation		Hemorrhage	c. Headach		Tremors	e. Weight loss		
119.A 21 years	old boy taking	some drug of a	buse is having hype	erphagia, seems r	appy and laugh	ns a lot. His eyes are often red and		
ne mostry	surrers from ta	cnycardia. He n	as indifferent appri	oach to the ongo	ng events in his	s life. Which of the following drugs		
	likely taking?		e.i					
a. Cannabis	b. Cocaine	120	Ethanol	d. LSD		e. Nicotine		
			nesthetic agents p					
a. Etomidate	b. Ketamine	C	. Midazolam	Propofo	ol	e. Thiopentone		