cam Roll No.:	KHYE	BER MEDICAL UNIVERSITY,	DECIMALA TO	
ame:	TOOKIH PROJ	FESSIONAL MBBS ANNUAL	EXAMINATION 2023	PAPER CODE
ne Allowed: 120 min.		BLOCK J (NEUROSCIEN	CES - 21	B
Attempt all question	C PAIGNAN III		Max. Marks: 120	
. USE BLUE / BLACK INK	only. Do not use RED Col	from given choices. Handover respitor. Filling of more than one option	onse sheet along with question	paper after attempting
fibratesta old female s	ruddenly developed ris	ht sided weakness. On examina What is the most likely cause of	tion her RD was normal. He	er ECG showed assial
Arterioscierosis	owed multiple infarcts	tht sided weakness. On examina . What is the most likely cause of	of stroke in this patient?	T ECO SIOWED ATTAI
A 32 year old male as	dembolism c. He	emorrhage d. Throm	bosis e. Vasculi	tis Meningitis was
Suspected and Lumba	sented with headache	emorrhage d. Thromi	vomiting. A diagnosis of N	Meningitis was
elevated protein conc	entration with normal	med. CSF examination shows ple glucose level. What is most like	rocytosis made up of mono	nuclear cells, an
Deterial Meningitis	b. Fungal Meningitis	c. Protozoal Meningitis	d. Tuberculous Meningitis	. I who
Meningitis			A TOTAL CONTRACTOR OF THE PARTY	yn on St
detorizing and it	developed behaviour	al changes and was not respond	ling to anti psychotic drug:	and symptoms were
A STAN STAN STAN STAN OF	eveloped chorea and d	lementia. What is your most like	ely diagnosis?	
A 32 years old male s	Huntingtun Disease	c. Motor Neuron Disease ures and loss of consciousness.	d. Parkinson Disease	e. Prion Disease
parietal lobe. The tum	or was biomsied and st	nowed geographic necrosis with	neelphoest palicading Wi	at is the most likely
Diagnosis?	The Siopsied and Si	TOTAL REGRESSION HILL HELT (1912 MILL)	T CBM	
iffuse Astrocytoma	b. Ependymoma	Glioblastoma multiforme	d. Meningioma	e. Oligodendroglioma
A 39 year old female p	presented with lower li	mb weakness which was progre	essive in nature. MRI show	ed Dural based mass
with the lumbar region	n. On microscopic exar	mination the tumour was comp	osed of spindle cells arran	ged in whorls. At loci
psammoma bodies we pendymoma		your diagnosis?	d. Medullobiastoma	e. Oligodendrogliom
	b. Gliobiastoma multif	disorder in which antibodies de	strovine communication	
erve and bone		euron and axon	Nerves and muscle	
ligodendrocyte and ast	trocytes e. As	strocytes and Schwann cells		0
Which type of infarction	on will occur in brain ti	issue after thrombotic occlusion	n of the superior sagittal s	inus? ic) infarction (Pal
	b. Fibrotic Infarction	c. Septic Infarction V	White (Non hemorrhag	ic) infarction
ed (Hemorrhagic) infant	ction	V 1- 66	ation comm. Vous ask him t	n stand still with his eves
A 27-year old patient of	displays ataxia when a	sked to walk across the examin orth. When he opens his eyes t	accommon of sists. Vibral	tion sense is normal on
closed and note marke	a elipical nieture in thi	is case, such ataxia is likely due	to damage to which of th	e following structures?
orsal columns	b. 6	crebral peduncles c. Poster	for timb of the internal ca	psule
	ENGLISHED CONTRACTOR	and the sufficiency		
		nt home from school because :	he had mild fever, severe	headache, and was
falling asleep in class.	A day later her fever s	tarted rising, her mother took	her to the emergency for	d with Waterhouse
and to be 500	ian mim He and severa	a betachiai nementraka were	IDUNE, SINE WAS CHORNESS	
riderichsen Syndrome	b. Listeria ma	lowing is most likely cause?	ria meningitidis	
emophilus influenta				
eptococcus pneumoni			labor. On fifth day he wa	s brought to the
5-days-old baby boy	and fever Examination	arean section after prolonged on revealed that nuchal rigidity cocci in chains. aforthemical t	was positive. He was di	ignosed with meningitis,
mergency with high gr	howing Gram positive	on revealed that nuchai rigidity cocci in chains. Blochemical t me the child acquired the dise	ests revealed it to be Str	eptococcus againctiae.
ased on Car tinuings st	from where would ha		ase?	Non-fabrabase
ased on the scenario, i	Feco-oral route	c. Mosquito bita	d. Own normal flora	e. None of the above
onized birth canal Co.	admitted with histor		and altered mental stat	us associated with severe
	MANUFACTURE STORY OF THE PARTY	. I this is not der legions	There was no history of	DAMING a her or Champe at
28-year-old male was	ne day. CT scan revea	iled multiple indutias lesions.	Second Sale Table	a of the following is the
28-year-old male was eadache for the past of	ne day. CT scan revel	ected to be a case of Cerebral	toxoplasmosis. Which o	ut of the following is the
ntact with any other a	mimals he was suspendent	ected to be a case of Cerebral	toxoplasmosis. Which o	a None of them
adache for the past of ntact with any other a	mimals he was suspendent	ected to be a case of Cerebral	toxoplasmosis. Which o	a None of them
eadache for the past of ontact with any other a ost likely mode of tran	animals he was suspension? Oocysts in cat faces	c. Pseudocysts in meat	d. Tsetse fly bite	a None of them
ntact with any other a still likely mode of tranquito bite O years old male patie	nimals he was suspension? Occysts in cat faces ent is suffering from	c. Pseudocysts in meat rables after tog bite one mor	toxoplasmosis. Which o d. Tsetse fly bite oth back. He has difficult of this patient?	e. None of them y in drinking water and
entact with any other a cost likely mode of tran quito bite 10 years old male patie	nimals he was suspension? Occysts in cat faces ent is suffering from	c. Pseudocysts in meat rables after tog bite one mor	toxoplasmosis. Which o d. Tsetse fly bite oth back. He has difficult of this patient?	e. None of them y in drinking water and
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eadache for the past of intact with any other a cost likely mode of tranquito bite 40 years old male patholog do bodies b. oung lady is suffering the ventricle to one single.	inimals he was suspension? Occysts in cat faces ent is suffering from pical changes would y Lewy bodies	c. Pseudocysts in meat rables after tog bite one mor	d. Tsetse fly bite of this back. He has difficult of this patient? d. Nissl substance examination. The turnor	e. None of them y in drinking water and e. Vesicular puclei is dural based and Shifting
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PAPER CODE B

14. A 35 years lady is suffering from space occupying lesion in the brain. On CT scan examination there is a turnor in the right cerebral hemisphere. The Ukana Carebral hemisphere. The Ukana Carebral hemisphere. cerebral hemisphere. The Histopathologist reported this case as pilocytic astrocytoma. Which of the following inicroscopic features are diagnostic of this condition? d. Neuronal plaques 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 paragraphs. 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 diagnostic. following is the most likely diagnosis? c. Creutzfeldt-Jacob disease b. Amyotrophic lateral sclerosis Alzheimer 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 safgical histology revealed well-circumscribed cellular neoplasm with sheet-like growth potters. neoplasm with sheet-like growth pattern. The tumor ceils were frequently arranged around blood vessels creating perivascular pseudorosettes. Which tumor do you suspect In this case?

3. Chroid plexus carcinoma

b. Craniophyrnaloma

Ependymor e. Pincoblastoma d. Glioma 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?

probellum b. Epidural space c. Subdural space Subarachnoid space e. Intraparenchyr

A 15-year-old box prosented with the continue. e. Intraparenchymal region 18. A 15-year-old boy presented with tinnitus and hearing loss. On CT scan a tumor was found at cerebell-contine angle. On bionsy, parms controlled the fascisles and biopsy, pacroscopically 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? c. Neurofibroma W. Schwannoma e. Texton tumor Dermatofibroma b. Malignant peripheral nerve sheath tumor 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?

Home events has most likely occurred in this women? Hematoma formation from arteriolosclerosis Bleeding from cerebral amyloid anglopathy Rupture of an intracranial berry aneurysm c. Middle cerebral artery thromboembolism. 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 suddenly 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 b. Ischemic injury in the superior right frontal lobe a. Ischemic injury in the superior left frontal lobe Mischemic injury in the inferior left frontal lobe c. Ischemic injury in the superior left parietal 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 they arrive at the emergency room, approximately 20 minutes after he went unresponsive. He does not regain consciousness. One 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. Red neurons c. Neurofibrillary tangles d. Microglial nodules e. Foamy macrupha a. Gliosis 22. A 45-year-old man with AIDS is admitted to the hospital with a productive cough, fever, and night sweats. An X-ray film of the chest shows an ill-defined area of consolidation at the periphery of the right middle lobe and mediastinal lymphadenopathy A sputum culture grows acid-fast bacilii. The patient develops severe readache and neck rigidity. Which of the following pathogens is the most likely cause of meningitis in this patient? a. Aspergillus flavus b. Cryptococcus neoformans Mycobacterium tuberculosis d. Neisseria maningitidis LE Toxoplasma gondii 23. A noison which causes excitement and then narcosis is known as:
Anebriant b. Somniferous i.c. 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 c. 3 months d. 4 month e 6 month W28 days a. 21 days 25. A potient of snake bite poisoning is brought to emergency department. On examination, the patient have bite man A petient of snake bite poisoning is prought to emergency outside. The bite is most probably by having presis, paralysis of extra ocular muscles and convulsions. The bite is most probably by having presis, paralysis of extra ocular muscles and convulsions. The bite is most probably by having the state of the state o b. Karate Cobra The frenzied state Run Amok is the result of; be Epileptic Psychosis c. Psychosis due to General Disease Drug Induced Psychosis e. Psychosis due to Trauma d. Psychosis due to Pregnancy 27. Ultrashort Acting Barbitorates after intravenous administration are quickly redistributed and en chemical analysis are more likely to be detected in: Body fat c. Bone d. Muscles 28. State of Involutional Melancholia consisting of statements that "there is no world, by does not exist, his body is desd, etc",refers to: e. Tacule Hallsconstian b. Hypochondriasal Delusion c. Illusions Nihilistic Delusions a Confabulation Ne Gress

29. A person who was given a barbiturate overdose, experienced peopless, ataxia, sturred speech, delirium, and excrement, but as the poisoning progressed, the person became hypotensise, hypothermic, and cyanotic, with an abnormal breathing pattern. In the advanced stages of borbiturates polsoning, what form of abnormal respiratory pattern is commonly seen?

Chyne-Stokes breathing d. Hyperpnea breathing a. Apneustic breathing 30. A known chronic alcoholic patient has come to you in ER Joa Confused state with no remembrance of his belongings etc. He is unaware of his wellbeing and is very weak due to nutritional deficiencies. What type of disorder is this? a. Alzheimer's disease b. Dementia paraiytica civorsatoli's psychosis d. Organic psychosis 32. A person after killing a few stated that he was a bear completely denying the actual physical state of the person he killed. However, the coursobjected him to be responsible for the crime. What is this condition called? elirium belusion challucinations d. Illusion e. Psychosis a. Delirium

Delusion

A person feels that grains of and are lying under the skin or some small insects are creeping on the skin giving rise to itching sensation; which potsoning is responsible for this condition?

Alcohol withdrawal

According C. LSD

Amphetamine causes release of which of the following neurotransmitter in the brain?

A servicing

A continuous d. Morphine poisoning e. Organophosphorus poisoning A Aspartate (b boparnine c. GABA d. Glutamate e. Serotonia)
34. A patient with suspected poisoning was brought to the emergency department with sometime and staggering gate, on examination pupils were dilated, skin was dry and temperature was raised, he had difficulty in taking. He tried to grasp imaginary objects and tried to pull imaginary threads from the tips of his tipers. Which of the following is the expression antidote therapy for this patient? We Physostlymine **UE** Naboxone b. Barbiturates e. Pralidoxime chloride Diministrated criminal responsibility with plea of insanity comes under:
Section 83PPC Section 83PPC Section 84PPC Section 82PPC d. Section 85PPC e Section 44 PPC wight from wrong test" refers to: d. Norwegian system e American law institute's test McNaghten rule b. Durham rule c. Currens rule 37. Split personality refers to: E. Schlzophrenia. LÉ LOW 1Q a. Anxiety.
 D. Depression.
 Depres a. Anxiety. b. Depression. c. Senile dementia. e. Chronic mercury poisoning d. Chronic lead poisoning. 39. The hallmark of insanity is: Haller Instinct Confabulation a Musion b. Delusion 40. MacEwan's sign is observed in:
a. Lead poisoning Ethyl alcohol poisoning d. Barbiturate poisoning Weethyl alcohol poisoning a. Lead poisoning 41. In a cohort 11-dy, what is the advantage of starting the study by selecting a well defined population for study before any of its movers become exposed. Pather than starting by selecting exposed and non-exposed individuals?

2. The study can be completed more rapidly

3. A number of outcomes can be studied simultaneously 2= X1-X2 d. The study will cost less to carry out knumber of exposures can be studied simultaneously SE the study will be free of blases 42. As the prevalence of a disease in the population increases, what is the effect on positive predictive value?

a. It becomes lower

d. It is not affected e. d. It is not affected e. None of the above 43. A public lessith expert wants to study the burden of hypertension in Abbastable district to establish special screening and treatment services. Which study design is more useful for this? Vecross sectional study e. Experimental study b. Case report c. Cohort study Suppose GAT scores soughly follows a normal distribution in the Pakistani population of toilege students. The mean much GAT score is 500 with standard deviation of 50. Using empirical rule, what % of students will have score between 450 & 550. d. 100% hole of 100 healthy men had a mean HbAIc of 6.5, standard deviation of 0.5. What will be the 95% confidence interval c. 95% or the population mean? d.6.5+0.01 x 0.5/100 e.6.5+0.05 x 0.5/100 t. 6.5 + 0.1 × 0.5/100 46. It has been suggested that physicians may examine women who use one contraceptives more often and more thoroughly 5, 6.5 + 5 x 0.5/100 500 that women who do not. In 51th a situation, if an association is observed between phieblis and oral contraceptive use, then 47. Cement Industry is suspected for more deaths and less workers. So the industrialist gets worried and wants to assess whether more deaths are likely in these workers or not. Which of the following measures of mortality can best be used in this 500 ± 180 = 68 450-550=68. indificial group? c. Cause specific death rate Standardized mortality ratio specific death rate in a chi-square test, the observed and expected values are related by which of the following fact? b. No expected can equal an observed d. Ratio of observed/expected is greater than 1 Their sums must be equal Ratio of observed/expected is equal to 1 C. Ratio of observed/expected is less than 1 (E meantigo(SE) Page Jors mean . b.S CE=6.5+ 1.96(0.05) 4=100 50-0.5 6.4-6.6

PAPER CODE B 49. Randomization is the best approach in designing a clinical trial in order to: Cumit confounding c. Achieve blinding 50. If, after performing a student t test for comparison of means, we obtain p = 0.0256, which of the following statement about hypothesis testion is comparison of means, we obtain p = 0.0256, which of the following statement about b. Achieve unpredictability d. We reject H1 hypothesis testing is correct? b. We cannot decide We reject to and accept H1 \$1. Several studies have found that approximately 75% of cases of lung cancer are due to cigarette smoking. Which of the following measure is had c. A relative risk A prevalence risk e. A proportionate mortality ratio following measure is It? 170 = 0.05 An attributable risk in incidence rate EGE917: 0.91 No = 0.05 what is the value of left-tailed test? -1.645 VE-1.96 c. + 1.645 53) The level of significance is the maximum probability of committing which of the following? 4. A new combined chemotherapy and immunotherapy regimen has been shown to significantly prolong survival in patients 2 Death V with metastatic melanoma. If widely involved the prolong survival in patients 2 Death V with metastatic melanoma. If widely implemented, which of the following changes in disease occurrence measures would you most expect? you most expect? b. Incidence decreases, prevalence decreases 2. Incidence increases, prevalence decreases Mindence does not change, prevalence increases thange cost control c. Incidence increases, prevalence increases e. Incidence does not changes, prevalence does not change 55. A study is performed in which mothers of babies born with and without neural tube defects are compared for their acetaminophen consumption during the first trimester of pregnancy. Which of the following measures of association is most likely to be reported by investigators? e. Hazard ratio Codds ratio a. Prevalence ratio b. Median survivai c. Incidence ratio 56. The soldiers of Gulf war were observed for cancers from April 1991 till July 2002, while 50,000 soldiers who served elsewhere during the same period were also observed for the occurrence of cancers. What is the epidemiological study design in this scenario? Ve Cohort study E. Cross sectional study d. Quasi experimental study e. Randomized control trial a. Case control study 57. A study was done over 1000 individuals to establish the relationship between high coffee consumption and gastritis. The correlation coefficient computed for the two parameters was "r" = 0.829. What does this show? re is no association between the two parameters The two parameters are directly correlated, and the association is strong c. The two parameters are directly correlated, and the association is weak d. The two parameters are inversely correlated, and the association is strong The two parameters are inversely correlated, and the association is weak A research study was conducted to determine the most common age of patients with colorectal cancer that was found to be years. The researchers published the data graphically. What would be the most likely shape of this frequency distribution? b. Birnodal Lichtegatively skewed d. Positively skewed e. Straight line 59. A researcher wants to know about the Blood hemoglobin levels of school going children and compare it with normal hemoglobin levels. The population standard deviation is not know although data follows normal distribution. For obtaining P-value to see any statistical significance, which of the following statistical test will be applied?

P-value to see any statistical significance, which of the following statistical test will be applied?

One sample unpaired 1-test d. d. Two samples test e. Z test b. One sample paired t-test 46. Chi square test 60. A sample of 160 urban and 150 rural women were randomly surveyed and asked about their practice of contraception in relation to education level. The data obtained is summarized in the following table. What will be the most appropriate test to accept or reject the null hypothesis in this case? Total Bachelors Masters Gender High school 50 160 60 atchan. 150 10 20 120 60 310 80 b. Correlation coefficient c. Independent sample t-test d. Paired sample t-test 61. In stratified sampling after identifying different strata, which of the following sampling technique can be used to include Chi square test subjects in the sample? c. Purposive 66. Simple random e. Multistage a Consecutive b. Convenience 62. A growth chart was displayed to trainers of pediatrics showing growth of 24 months old babies, between 25th and 75th percentile. What is this systemical term arount as? a Confidence interval Winter quartile lange c. Percentile d. Standard deviation 63. Crude rates are easy to calculate any consist of crude birth rates and crude death rates. What will be the denominator for a Buth rates minus death rates. Mid-year population c. Number of live births in area. d. Population at risk Total births (Live + still) withe area 64. In an outbreak of food poisoning in a union council of 3500 population, 30 cases of food poisoning had occurred after attending a weeding ceremony with 6 deaths. What is the case fatality rate in this scenario? A. 10% Page 4 of 8

A STATE OF THE STA

Service Service

7

The state of the s
65. For the prevention of stroke, a researcher wants to find out undisgnosed 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 to be described to the outcome of screening test? Leading the community by applying the commun
Sensitivity increases and specificity occreases and specificity both will decrease
e. Sensitivity and specificity will remain same 65. 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 some point during the month of February 2015. Which of the following measures of morbidity would be the most some point during the month of February 2015.
appropriate in answering this question? Appropriate in answering this question? Completive incidence in Incidence Pensity C. Incidence risk d. Period prevalence d. Period prevalence d. Period prevalence d. Period prevalence
appropriate in answering this question? a. Cumulative incidence b. incidence Density c. Incidence risk d. Period prevalence a. Cumulative incidence b. incidence Density c. Incidence risk d. Period prevalence b. 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 proposure status and occurrence of disease? ascertains whether there is an association between proposure status and occurrence of disease? ascertains whether there is an association between proposure status and occurrence of disease? ascertains whether there is an association between proposure status and occurrence of disease?
Attributable risk Dr. Oods ratio Library which one is a preferable method of the property of t
Attributable risk Odds ratio 68. If the research study is based on a socially upscceptable topic then which one is a preferable method of the research study is based on a socially upscceptable topic then which one is a preferable method of the research study is based on a socially upscceptable topic then which one is a preferable method one is a preferable method of the research study is based on a socially upscceptable topic then which one is a preferable method on a preferable method one is a preferable method one is a preferable method on a preferable method one is a preferable method on a preferable method one is a preferable method one is a preferable method one is a preferable method on a preferable method one is a preferable method on a preferable meth
69. A presenter conducted a study determined to the first study?
more common in miners. What type of variable is occupation in this study? Confounding variable b. Dependent variable independent variable d. Outcome variable e. Output variable confounding variable b. Dependent variable independent variable d. Outcome variable e. Output variable is confounding variable b. Dependent variable independent variable d. Outcome variable e. Output variable e. Output variable in confounding variable e. Output variable e
Cuttipleting of party and control of the control of
a Ischemic Stroke 1. Multiple Scierosis c. Pituitary tumor d. Transverse arrespondent and with acellena and
nerve conduction study was suggestive of acute sensory motor polyneuropasty.
DE LONEILE
be taken? a. Plasmaparesis with mechanical ventilation left. It steroid is it is not proposed by the memory. He is a plasmaparesis with mechanical ventilation left. It steroid is it is steroid in the memory. He is a plasmaparesis with mechanical ventilation left is steroid in the memory. He is a plasmaparesis with mechanical ventilation of the memory. He is a plasmaparesis with mechanical ventilation of the memory. He is a plasmaparesis with mechanical ventilation of the memory. He is a plasmaparesis with mechanical ventilation of the memory. He is a plasmaparesis with mechanical ventilation left. It is a plasmaparesis with mechanical ventilation of the memory. He is a plasmaparesis with mechanical ventilation left. It is a plasmaparesis with mech
disease?
disease? b. Tumor c. Rupture blood vessels b. Tumor c. Rupture blood vessels disease? b. Tumor c. Rupture blood vessels disease visit a 1 day history of road traffic accident with a 2 day history of road traffic accident with a 35 year of age female patient presented to the emergency department with a 1 day history of road traffic accident with a 35 year of age female patient presented to the emergency department with a 1 day history of road traffic accident with a 35 year of age female patient presented to the emergency department with a 1 day history of road traffic accident with a 35 year of age female patient presented to the emergency department with a 1 day history of road traffic accident with a 35 year of age female patient presented to the emergency department with a 1 day history of road traffic accident with a 35 year of age female patient presented to the emergency department with a 1 day history of road traffic accident with a 35 year of age female patient presented to the emergency department with a 1 day history of road traffic accident with a 1 day history of road traffic accident with a 2 day history of road traffic accident with a 2 day history of road traffic accident with a 2 day history of road traffic accident with a 2 day history of road traffic accident with a 2 day history of road traffic accident with a 2 day history of road traffic accident with a 3 day history of road traffic accident with a 2 day history of road traffic accident with a 2 day history of road traffic accident with a 3 day history of road traffic accident with a 3 day history of road traffic accident with a 3 day history of road traffic accident with a 3 day history of road traffic accident with a 2 day history of road traffic accident with a 3 day history of road traffic accident with a 3 day history of road traffic accident with a 4 day history of road traffic accident with a 4 day history of road traffic accident with a 4 day history of road traffic accident with a 4 day history of road traffic accident with
has all the following the following the following the following involvement by a service of the following the foll
Contrasteral spinotnatarior to presolve OPD with new scale and blood pressure of
180/90. Which investigation to CSF routine analysis by MRI brain to CSF routine analysis by MRI brain to CSF routine analysis
1 CSF routine analysis 1. CSF routine analysi
and there were small, purply and non-blanching percentage what is the likely diagnosis?
pressure, elevated provided in the provided in
a. Fungal meningitis a. Fungal 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 76. An 8 years old boy was brought by his family for episodes of mental disconnection but no involuntary movements. These 76. An 8 years old boy was brought by his family for episodes of mental disconnection but no involuntary movements. These 76. An 8 years old boy was brought by his family for episodes of mental disconnection but no involuntary movements. These 76. An 8 years old boy was brought by his family for episodes of mental disconnection but no involuntary movements. These 76. An 8 years old boy was brought by his family for episodes of mental disconnection but no involuntary movements. These
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a Psychogenic attacks
e. Psychogenic attacks Absence seitures C. Metabolic enception A Psychogenic attacks Transient ischemic attacks Transient ischemic attacks Transient ischemic attacks A 23-years-old female was brought by her brother to medical emergency with lower limbs weakness for last 3 days. She had enception of urine for last 1 day. She gave no history of also pain and numbness in lower limbs. She was also complaining of retention of urine for last 1 day. She gave no history of also pain and numbness in lower limbs. She was also complaining of retention of urine for last 1 day. She gave no history of also pain and numbness in lower limbs. She was also complaining of retention of urine for last 1 day. She gave no history of also pain and numbness in lower limbs. She was also complaining of retention of urine for last 1 day. She gave no history of also pain and numbness in lower limbs. She was also complaining of retention of urine for last 1 day. She gave no history of also pain and numbness in lower limbs. She was also complaining of retention of urine for last 1 day. She gave no history of also pain and numbness in lower limbs. She was also complaining of retention of urine for last 1 day. She gave no history of also pain and numbness in lower limbs are upper limbs were completely normal. Clinical examination showed signs of fever or any other limbs and sensory level at T4. What is the most probable diagnosis? Transverse myelitis
fever or any other land lesion in lower illmbs and sensory lever at d. Pott's Disease
a. Guillen Barre syncronic disease is prigrarily characterized by degeneration of new diseases a Corpus callosum
A Les colors is Country of the Count
A CAPPILE PROUMOTHER
d. Mycoplasma Pneumonia e. E-Coli d. Mycoplasma Pneumonia e. E-Coli 80. What is the most common initial symptom of Gillian Farre Syndrome? 80. What is the most common initial symptom of Gillian Farre Syndrome? 80. What is the most common initial symptom of Gillian Farre Syndrome? 80. What is the most common initial symptom of Gillian Farre Syndrome? 80. What is the most common initial symptom of Gillian Farre Syndrome? 80. What is the most common initial symptom of Gillian Farre Syndrome? 80. What is the most common initial symptom of Gillian Farre Syndrome? 80. What is the most common initial symptom of Gillian Farre Syndrome? 80. What is the most common initial symptom of Gillian Farre Syndrome?
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93. An 11 years old girl presented to OPD with fever, headacke for 4 days and vomiting for the last 2 days. On examination she is
             febrile, ill looking and has got positive signs of meningeal irritation. Which one of the following investigations will help you in
         3. Complete Blood Count.
        A mother brings her 12 years old boy to you. She is concerned that her child is very clumsy and tends to trip a lot. On
                                                                                                            e. Serum Electrolytes.
             examination, the child has stork like legs and palpable nerves. Which investigation would establish the definitive diagnosis in
        a. Electromyography
                                 Nerve Conduction Studies
        95. A 9-year-old boy begins to have difficulty walking. His condition gradually worsens, and his difficulties with coordination
             slowly spread to his arms and trunk, physical examination is notable for an ataxic gait and nystagmus. Friedreich's ataxia is
             suspected. What is the genetic mode of inheritance on this disease?
        a. Autosomal Dominant
                                           B. Autosomal Recessive c. X-Linked Dominant
      Le Mitochondrial Inheritance.
                                                                                             d. X-Unked Recessive
        96. A 13 years old girl presented with fever and headache for the last 20 days. She wan unvaccinated child. Her grandfather has
            been taking medication for the last 2 months for some lung disease. On examination, she is ill looking, drowsy, febrile and
            neck stiffness is positive. What is the most likely diagnosis?
     Acute Bacterial Meningitis
                                                                            Tuberculous Meningitis
                                                   b. Viral Meningitis
       d. Benign Intracranial Hypertensio
                                                   e. Brain Tumor.
       97. Patient who had received epidural catheter for her labour, is brought into OR with ruptured uterus. Your plan of anesthesia?
       a. Top up the catheter.
                                                                                  1d. Single shot spinal.
                                                                                                              e. Local Anesthesia
                                 b Give GA
                                                   c. Combine spinal epidural.
       98. The most important historical predictor of perioperative cardiac morbidity in patient undergoing non cardiac surgery is:
                                                                            d. Recent myocardial infarction. e. Stable angina.
                         b. Diabetes mellitus
                                                  Hypertension
       99. Which of the following is correct about drug succinylcholine
                                                                            d. Non Depolarising
                         b. Anti cholinesterase
                                                   Depolarising
       100.A 6year old child was brought to the emergency room who while playing in the street at night was bitten on his forearm and
           face by a known rabid dog. The bite was category III type as classified by World Health Organization (WHO). Which of the
           following human diploid cell culture intramuscular dosage schedule would you follow?
                                                                                                              e. 0, 7, 14, 28, 60 day
      a. 0, 1, 3, 7, 14 day
                                                                                    14.0, 3, 7, 14, 28 day
                                                           c. 0, 3, 7, 9, 14 day
                                 b. 0, 3, 5, 7, 14 day
                                                                                         bestver berns
      101. Which statement about phenytoin is most accurate a. Displaces sulfonamides from plasma proteins uring of choice in myoclonic seizures
      c. Half-life is increased if used with phenobarbital d. Isoniazid (INH) decreases steady-state blood levels of phenytoin
      toxic effects may occur with only small increments in dose
      102. Which drug is a full agonist at opioid receptors with analgesic activity equivalent to morphine, has a longer duration of action,
          and fewer withdrawal signs on abrupt discontinuance than morphine?
                                                                            d. Nalbuphine
                                                                                                               e. Oxycodone
                                                   c. Methadone
                        b. Hydromorphone
    La. Fentanyl
      103. General Anesthetics are used for major and minor surgical procedures. The inhalational anaesthetic with the fastest onset of
          action is:
                                                                           d. Nitrous oxide
                                                                                                                e. Halothane
                                                   c. Methoxyflurane
                       b. Isoflurane
     a. Enflurane
     104. An eight years old boy needs inhalational anaesthesia for induction of anaesthesia. Which of the following will be a good
         choice?
                                                                                                     . Nitrous oxide
                                                                            d. Isoflurane
                                M. Sevoflurane c. Desflurane
     a. Methoxyflurane
     105.Regarding adverse effects of local anaesthetic agents, which of the following is most cardiotoxic and should be avoided in
         patients suffering from underlying cardiac diseases?
                                                                                                      Ve. Bupivacaine
                                                                             d. Tetracaine
                                                  c. Prilocaine
                                b. Mdocaine
    a. Mepivacaine
    106.A 33-year-old woman has a 15-year history of alcohol abuse. She comes to the emergency department for treatment of
        injuries received in stall. She says she has been drinking heavily and almost continuously for 2 weeks; and she wants to stop.
        Which of the following drugs would most effectively and safely lessen the intensity of her withdrawal syndrome?
                                                                                                        e. Zolpidem
                                                                             d. Midazolam
                                               c. Chloral hydrate
                    M. Chlordiazepoxide
   107. New and novel drugs have revolutionized the treatment of Parkinson's Disease that aim to increase the efficacy while
   a. Buspirone
       minimizing the adverse effects. Which of the following is an ergot derivative with agonist activity at Dopamine D1 & D2
       receptors mainly in the CNS?
                                                                                              e. Trihexyphenidyl
                                                                            d. Selegiline
                                                 Pergolide
                     b. Amantadine
  108.A 50-year-old male patient with a history of obsessive-compulsive disorder was prescribed MAO inhibitor by his psychiatris:
 Levodopa
       Which of the following class of drugs might be having a potential interaction in this case?
                                                                   c. Divietics
                              b. Calcium channel blockers
                                                                 Selective serotonin reuptake inalhitors (SSRIS)
 d. Nonsteroidal anti-inflammatory drugs (NSAIDs)
 109.A 30-year-old male patient is diagnosed with major depressive disorder and is prescribed amitriprovine. 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?
                                                          b. It blocks the receptor sites of dopamine
a. it inhibits the breakdown of acetylcholine
                                                       Walt inhibits the reuptake of serotonin and norepsine pintine
c. It increases the production of Dopamine
e. It increases the production of serotonin
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PAPER CODE B

110.A 37-year-old man with psychosis has been treated with haloperidol. He has been developing Parkinson-like symptoms.

Haloperidol-induced Parkinson Parkinson-like symptoms. Haloperidol-induced Parkinson syndrome is a result of Haloperidol's action in which of the following tracts? b. Mesolimbic tract VE. Nigrostriatal tract 111.A 38-year-old heroin addict was determined to guit the habit and was admitted to a detoxification clinic. After physical examination and laborates was determined to guit the habit and was admitted to a detoxification clinic. After physical examination and laboratory tests, treatment was started. Sublingual administration of which of the following drugs would be e. Phenobarbital most appropriate for this patient? b. Codeine c. Diazepam d. Naitrexone

112.A 26-year-old woman unexpectedly became pregnant. She had been regularly taking an oral contraceptive medication for Several years. Three pregnants are pregnant to the prescribed therapy. Buprenorphige Several years. Three months earlier, she was diagnosed with complex partial seizures and started the prescribed therapy. Which of the following drugs was she most likely taking? e. Valproic Acid d. Lamotrigine Carbamezapine b. Clonazepam c. Gabapentin which one of the following benzodiazepines has some antidepressant properties? e. Temazepam d. Nitrazepam Ma. Alprazolam 114.A 29 year old schizoprenic male, currently under treatment of haloperidol presented with Parkinsonism like symptoms. Which b. Diazepam of the following drugs would be a good choice in this ease? e. Bromocriptene a. Levodopa b. Benserazide De Benzhexol d. Selegiline 115. Which of the following drugs/drug classes would be a good choice for the long term management of paric disorder? SE SSRIS d. Beta blockers a. Phenothiazines b. Aripiprazole c. Benzodiazepines 116. A patient known to be a heroin abuser is brought to emergency after suffering from a severe roadside accident. The house officer administers nalbuphine to him for the pain. Why the administration of nalbuphine to this patient is not considered a good choice? Nalbuphine is a strong u receptor agonist b. Nalbuphine is a weaker analgesic than morphine Nalbuphine may precipitate a withdrawal state d. The patient is probably cross tolerant to nalbuphine e. Vasodilating effects of nalbuphine may increase blood loss 117. Which one of the following is a major limitation in the use of Clozapine for the treatment of schizophrenia? a. High incidence of extra pyramidal side effects · b. Inedence of postural hypotension c. Its inability to benefit negative symptoms of schizophrenia M. Its potential to cause agranulocytosis e. Production of hyperprolactenemia 118. Which of the following is a sign of toxicity with lithium in the initial days of the sepy? a. Constipation c. Headache d. Tremors e. Weight loss b. Hemorrhage 119.A 21 years old boy taking some drug of abuse is having hyperphagia, seems happy and laughs a lot. His eyes are often red and he mostly suffers from tachycardia. He has indifferent approach to the ongoing events in his life. Which of the following drugs he is most likely taking? e. Nicotine Cannabis c. Ethanol b. Cocaine 120. Which one of the following intravenous anesthetic agents possesse: inti emetic properties? c. Midazolam e. Thiopentone a. Etomidate b. Ketamine

paper J Judy Key Mementine > NMDA Acetylcholine esterne inhibition 3) Desturane) Tetracione) Cereberal Poroplesmosis 10 TB meningstis 10 Bacterial meningstis (8) Lower Motor Ex Sensory :? 2) 84 PPC (10) Standard deviation 1 4 weeks 6 months 6 months Carbidopa (14) 210 - 250 (15) Serum Cholesterol (18) Discrete (17) Ketamine (18) Diazepam IV By Brain Atricess Diazepan IV Non persistent heedache, common caus, 20) Hard plate, Sift plate, Uvula, Palato forcel Arch Chronic Attental Paisoning Cohort study Treidence well Randomized Central Trials. met sonida zole Specificity = FNAC wala Sensitivity = one test 50%. Gove 80% MAO inhibitors o hypertentive crisis Delision Confab wlation Can be actively hear Both Berty Concern.

(33) TIA 34) Photus Atropine 36) Halothane 37) Alprazalam Nao 29 Agranulo cytosis (4) Hypotension - Spinal Anesthern (4) Olanzapine
(4) Antichalinesgis Is Sleep indution - Berbitweeter 40 progressive headache with war Go Atypical depression.
GR Antroponal Recessive Meningioma Lithtum Carbonate mulormycosis medobe mide. LSD Bupropion 0,3,7,14,28 5 IM Sy Anti Rabies IM 5 Im vaccine & Antipaties Iss E. Coli - New Born Epideual hematoma (6) Antidegrenant + ECT (63) Anticholineyre Sole effect still (63) Strepto cours preumonal (69) Ascending Mydle Probysol as GOM 65) Subtantia Nidgra - Parkingtons

(6) Levy's Bodies = X- synulein. 12 Frontal Lebe
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selection Bios 76) Observer Biag. 77) Chiasquere Test. 78 Degree of Freedom = 9 (79) Null Hypothesis > There is no selation between values (I don't rembered) 80 Stratified Random Sampling (81) Convenience sampling
(81) Randomization -> Limit Cofounding 83) Prevelance -> Cross sectional study. 84) me Naughten's rule (85) Chronic Alcohol Poisoning. 36) Glioblastoma Rosonthal Fibres midazolan Phenytoin GABA receptor make a valid will. 96 Impulse Continuous

(99) Unpaired t test (100). Case control strely