AON

PROVISIONAL ANSWER KEY (CBRT)

Name of The Post Associate Professor, Neurology (Neuro Medicine), General State Service,

Class-1

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Instructions / સૂયના

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

- (1) All the suggestion should be submitted in prescribed format of suggestion sheet Physically.
- (2) Question wise suggestion to be submitted in the prescribed format (Suggestion Sheet) published on the website.
- (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. 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 shall be made on separate sheet. Objection for more than one question in single sheet shall not be considered & treated as cancelled.

ઉમેદવારે નીયેની સૂયનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સૂયન અંગે કરેલ રજૂઆતો ધ્યાને લેવાશે નહીં

- (1) ઉમેદવારે વાંધા-સૂચનો નિયત કરવામાં આવેલ વાંધા-સૂચન પત્રકથી રજૂ કરવાના રહેશે.
- (2) ઉમેદવારે પ્રશ્નપ્રમાણે વાંધા-સૂચનો રજૂ કરવા વેબસાઇટ પર પ્રસિધ્ધ થયેલ નિયત વાંધા-સૂચન પત્રકના નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નકમાંક મુજબ વાંધા-સૂચનો રજૂ ન કરતા તમામ વાંધા-સૂચનો વેબસાઈટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર)ના પ્રશ્ન ક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્ર માં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સુયન ધ્યાને લેવામાં આવશે નહીં.
- (5) ઉમેદવારે જે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપો 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-સૂચન ધ્યાનમાં લેવાશે નહીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચન પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ હશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.

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	(C) Myotonic dystrophy	(D) Dermatomyositis	
	(A) Botulism	(B) Inclusion body myositis	
008.	Which of the following condition extraocular muscles?	s is most likely to cause ptosis without any weakness of	
	(C) Motor response	(D) Respiration	
	(A) Eye response	(B) Verbal response	
007.	Which of the following is not a con	ponent of FOUR (Full Outline of UnResponsiveness) score?	
	(D) A similar state can be seen with neuromuscular blocking drugs		
	(C) Aetiology can be stroke or demyelination		
	(B) The lesion is in dorsal pons		
	(A) Also called as de – efferented state.		
006.	Which of the following is not true regarding locked in syndrome?		
	(D) Tibialis anterior everts the foo	t	
	(C) Peroniuslongus assists in plantar flexion of ankle joint		
	(B) Tibialis posterior assists in pla	·	
	(A) Gastrocnemius muscle flexes the	he knee joint	
005.	Which of the following is wrong?		
	(D) It is free to clinicians		
	(C) The test has excellent sensitivity in differentiating mild cognitive impairment (90%) from healthy controls		
	(B) Does not assess the executive f	unction	
	(A) The total score ranges from 0-3	30	
004.	Which of the following is not true regarding Montreal Cognitive Assessment (MOCA)?		
	(D) Can cause Imprinting		
	(C) The changes can occur in resp	onse to environmental signals	
	(B) DNA sequence is altered		
	(A) The changes may involve DNA	Methylation	
003.	Which of the following is not true	regarding Epigenetics?	
	(C) Movement disorders	(D) Epilepsy	
	(A) Stroke	(B) Headache	
002.	Which of the following is the most prevalent neurological disorder in latest epidemiological studies in India?		
	(D) A unilateral lesion of the audit	ory area produces complete deafness in both ears	
	(C) The sensory speech area of Wernicke is localised in the inferior temporal gyrus in the dominant hemisphere.		
	(B) The major projection fibers to auditory area arise from thalamus.		
	(A) The primary auditory area is s	situated in the inferior wall of lateral sulcus	

Which of the following statements is correct regarding temporal lobe?

009.	Which of the following is the most common premonitory symptom experienced at the start of a migraine episode?			
	(A) Changes in the concentration	(B) Fatigue		
	(C) Mood change	(D) Sweet craving		
010.	DBS for treatment of epilepsy is done on which nucleus of thalamus?			
	(A) Anterior nucleus	(B) Ventromedian nucleus		
	(C) Medial dorsal nucleus	(D) Centromedian nucleus		
011.	Which of the following muscles is not innervated by the facial nerve?			
	(A) Buccinator	(B) Tensor tympani		
	(C) Stylohyoid	(D) Posterior belly of the digastric		
012.	Which of the following is incorrect rega	arding the anteriorchoroidal artery?		
	(A) It supplies the posterior limb of the	(A) It supplies the posterior limb of the internal capsule		
	(B) It supplies a part of the hippocampe	us		
	(C) It supplies a part of the geniculocal	carine tract		
	(D) It supplies the anterior limb of the	internal capsule		
013.	Which of the following treatments has been shown to improve visual outcomes in patients with optic neuritis who fail to respond to high dose corticosteroid treatment?			
	(A) Azathioprine	(B) ACTH therapy		
	(C) IV Immunoglobulin(IVIg)	(D) Plasma Exchange		
014.	To differentiate between a lesion of the lower trunk and one of the medial cord, the most useful muscle to test is the			
	(A) flexor pollicis longus	(B) abductor pollicis brevis		
	(C) first dorsal interosseous	(D) extensor indicis proprius		
015.	The most common location of neurogenic gastrointestinal ulceration after an acute hypothalamic lesion is the			
	(A) upper esophagus	(B) lower esophagus		
	(C) fundus of the stomach	(D) ileum		
016.	Which of the following is the least affect palsy?	ted in kernicterus, a syndrome associated with cerebral		
	(A) Hippocampus	(B) Cortex		
	(C) Brainstem nuclei	(D) Anterior horn cells of spinal cord		
017.	Which of the following drugs does not exacerbate the neuromuscular blockade in myasthenia gravis?			
	(A) acyclovir	(B) Clindamycin		
	(C) Quinidine	(D) Interferon alfa		
018.	Which of the following is not true regarding Hoover sign?			
	(A) Demonstrates functional weakness of hip extension			
	(B) Can be false positive in cortical neg	lect		
	(C) Contra lateral hip flexion is tested a	against resistance		
	(D) Insilateral hip flexion is tested against resistance			

	(A) Dragging dait	(B) Tightrope walker's gait	
	(C) Astasia-abasia	(D) Frankenstein gait,	
020.	Which of the following dose of estrogen in OC pills is linked with increased incidence of brain stroke?		
	(A) 20μg	(B) 30μg	
	(C) 10µg	(D) 80μg	
021.	The spontaneous EEG signals in routine scalp EEG arise from		
	(A) Cortical Pyramidal cell postsynaptic potentials		
	(B) Cortical Pyramidal cell presynaptic potentials		
	(C) Glial cells		
	(D) None of the above		
022.	Which of the following statements is	not true ?	
	(A) Laplacian montage is a referent	ial montage	
	(B) EEG amplitude increases with increasing interelectrode distance		
	(C) The common reference montage produces maximum attenuation of widespread fields		
	(D) All are true		
023.	Which of the following is not true regarding Spindle delta brushes in EEG?		
	(A) They are principal landmarks of prematurity		
	(B) They first appear at 26 weeks conceptional age		
	(C) First appear in temporal region		
	(D) They disappear at 36-37 weeks conceptional age		
024.	Which of the following muscles is suitable for biopsy for immunocytochemical studies of neuromuscular junction (NMJ)?		
	(A) External intercostal muscle	(B) VestusLateralis	
	(C) Peroniusbrevis	(D) Triceps	
025.	Immune related myasthenia gravis is most closely associated with the use of which of the following treatments ?		
	(A) Calcitonin gene related peptide antibodies		
	(B) Compliment inhibitors		
	(C) Immune checkpoint inhibitors		
	(D) Chimeric antigen receptor T cells		
026.	Patients with Lambert – Eaton myasthenicsyndrome caused by antibodies to P/Q voltage - gated calcium channels are most likely to develop which of the following conditions?		
	(A) Hemiplegic migraine	(B) Optic neuritis	
	(C) Pancerebellar syndrome	(D) Recurrent meningitis	

Which of the following is not a functional gait disorder?

027.	A woman who has a myopathy caused by mitochondrial DNA mutation located within the mitochondria, will on average, transmit the mutation to which of the following?		
	(A) All of her children		
	(B) All her sons and none of her daughters		
	(C) Half of her sons and non of her daughters		
	(D) Half of her daughters and non of her s	ons	
028.	Women with typical preeclampsia or ecla circumstances except	impsia require diagnostic imaging in the following	
	(A) seizures arising before week 20 of pregnancy		
	(B) postpartum eclampsia		
	(C) blood pressure >140/90 mm of Hg		
	(D) persistent visual symptoms		
029.	Which of the following therapeutic strate hemianopias?	egies is currently used in visual rehabilitation for	
	(A) Cortical visual prostheses	(B) Full-lens prism glasses	
	(C) Inverting lenses	(D) Peli prism lenses	
030.	Which of the following statements is most accurate regarding fetal exposure to radiation during a noncontrast head CT scan of the pregnant mother?		
	(A) it is equivalent to the dose scattered throughout the mother's body		
	(B) it is offset by use of a lead shield		
	(C) it may be up to 10 times higher than radiation from the environment		
	(D) the greatest risk is after week 20		
031.	Which of the following migraine abortive or prophylactic medications should be strictly avoided during breast-feeding?		
	(A) sumatriptan	(B) dihydroergotamine	
	(C) nortriptyline	(D) propranolol	
032.	Fabry disease is most commonly associated with strokes in which of the following arterial distributions?		
	(A) anterior cerebral artery	(B) posterior circulation	
	(C) lenticulostriate arteries	(D) middle cerebral artery	
033.	Which of the following cognitive functions is more often abnormal in the early stages of Alzheimer disease than in the early stages of dementia with Lewy bodies?		
	(A) visuospatial skill	(B) executive function	
	(C) language comprehension	(D) recent memory	
034.	Which of the following conditions is most likely in a 34-year-old woman withheadaches, rapid cognitive decline, episodes of abrupt change in vision and sudden hearing loss?		
	(A) dipeptidyl-peptidase-like protein-6 (DPPX) encephalitis		
	(B) Susac syndrome		
	(C) N-methyl-D-aspartate (NMDA) antibody encephalitis		
	(D) steroid-responsive encephalopathy asset	ociated with autoimmune thyroiditis	

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	(C) Toxic optic neuropathy	(D) Traumatic optic neuropathy	
	(A) Arteritic ischemic optic neuropathy	(B) NMO spectrum disorders	
043.	In which of the following conditions is FDG-PET most likely useful?		
	(D) Treated with clonezapam		
	(C) Intellectual disability develops in due course		
	(B) Rigidity persists in sleep		
	(A) Both autosomal dominant and recessive forms exist		
042.	All of the following are true regarding Hyperekplexia except		
	(C) Prosapognosia	(D) Metamorphopsia	
	(A) Achromatopsia	(B) Hallucinosis	
041.	· ·	most likely to occur after a midbrain stroke ?	
	(C) Neisseria meningitidis	(D) Staphylococcus aureus	
	(A) Haemophylusinfluenzae	(B) Listeria monocytogenes	
040.	Ingestion of food products is most likely to the following bacteria?	be the mode of contracting meningitis from which of	
	(D) Treated with carbamazapine		
	(C) Usually occurs in newborn with perinatal asphyxia		
	(B) Associated with low threshold for Moro reflex		
	(A) Precipitated by stimulation		
039.	Jitteriness is characterised by all of the following except		
	(C) tennis	(D) swimming	
	(A) avoidance of exercise	(B) dancing	
038.	Which of the following recommendations for aerobic exercise is mostappropriate for a patient with neurogenic orthostatic intolerance?		
	(C) Parkinson disease	(D) multiple sclerosis	
	(A) epilepsy	(B) Huntington disease	
037.	ideation but not suicide attempts?	es has been associated with an increase in suicidal	
	(D) profound agrammatism		
	(C) no difficulty naming pictured objects		
	(B) greater difficulty with concrete than al	bstract nouns	
	(A) difficulty with repetition		
036.	progressive aphasia?	s is commonly seen in semanticvariant primary	
	(D) repeated nonreinforcement of a respon	-	
	response	vith a conditioned stimulus producing a conditioned	
	(B) memories becoming less dependent on medial temporal lobe structures over time		
	(A) lists of items often being recalled in gr	oups categorized by similarity	

Which of the following processes is characteristic of consolidation?

044.	Which of the following is the most common neurologic manifestation of Zika virus infection in adults?		
	(A) Encephalitis	(B) GB Syndrome	
	(C) Meningitis	(D) Myopathy	
045.	Neuroma formation is most likely to occur	r when which of the following structure is cut?	
	(A) Endoneurium	(B) Epineurium	
	(C) Perineurium	(D) Vasa nervorum	
046.	All of the following are major features of Tuberous Sclerosis except		
	(A) Cortical tuber	(B) Cardiac rhabdomyoma	
	(C) Shagreen patch	(D) Bony cysts	
047.	Which of the following is recommended as the primary test for rapid diagnosis of Cryptococca meningitis?		
	(A) Cryptococcal antigen in CSF	(B) Cryptococcal antigen in serum	
	(C) India ink microscopy in CSF	(D) India ink microscopy in serum	
048.	Which of the following is the most common complication of microvascular decompression performed for the treatment of trigeminal neuralgia?		
	(A) Aseptic meningitis	(B) CSF leak	
	(C) Ipsilateral hearing loss	(D) Trochlear nerve damage	
049.	In patients with HIV infection, which of the following is a risk factor for developing HIV - associated neurocognitive disorder(HAND) ?		
	(A) Age younger than 40 yrs		
	(B) Hypertension		
	(C) Cocaine use		
	(D) CD4+ T -cell count greater than 200 of	cells/mm³	
050.	An enzyme- linked immunoelectrotransfer blot (EITB)of a sample from which of the following sources is the most sensitive and specific test for past or present neurocysticercosis?		
	(A) CSF	(B) Serum	
	(C) Stool	(D) Saliva	
051.	Which of the following causes of chronic	meningitis most commonly affects older adults?	
	(A) IgG4 -related pachymeningitis	(B) Neurosarcoidosis	
	(C) Vogt-Koyanagi-Harada syndrome	(D) Sjogren syndrome	
052.	Which portion of the circuit of Papez is in	njured in Korsakoff syndrome?	
	(A) Hippocampus	(B) Mammillary bodies	
	(C) Entorhinal cortex	(D) Fornix	
053.	All of the following are true about tramac	lol except?	
	(A) Mu-opioid receptor agonist	(B) Serotonin reuptake inhibitor	
	(C) Norepinephrine reuptake inhibitor	(D) Decreases risk of seizures	
054.	Which is the key distinction between vestibular neuritis and labyrinthitis?		
	(A) Direction of nystagmus	(B) Sensation of rotating vs. undulating ground	
	(C) Hearing loss	(D) Loss of balance	

055.	After segmentation of the neural tube during development, which of the following structures will ultimately give rise to the thalamus?		
	(A) Mesencephalon	(B) Rhombencephalon	
	(C) Metencephalon	(D) Prosencephalon	
056.	The neurotoxin psilocybin, which causes euphoria, hallucinations, mydriasis, tachycardia, and seizures, can be found in which of the following?		
	(A) Mushrooms	(B) Puffer fish	
	(C) Home-distilled ethanol	(D) Shellfish	
057.	Which of the following is the most common treatable cause of neuropathy in the world?		
	(A) Hypothyroidism	(B) Diabetes	
	(C) Paraproteinemia	(D) Leprosy	
058.	Which of the following is innervated	d by the anterior interosseous nerve?	
	(A) Abductor pollicis brevis	(B) Pronator teres	
	(C) Extensor indicis proprius	(D) Flexor pollicis longus	
059.	In using cyclophosphamide for the treatment of autoimmune disorders, which of the following is not a clinical risk to be addressed or monitored?		
	(A) Osteopenia	(B) Infertility	
	(C) Hemorrhagic cystitis	(D) Immunosuppression	
060.	For which of the following hereditary neuropathies is an enzyme replacement therapy available?		
	(A) Refsum disease	(B) Porphyria	
	(C) Fabry disease	(D) Charcot-Marie-Tooth disease (CMT)	
061.	Which is true of Fukuyama congenital muscular dystrophy?		
	(A) Causative gene not known		
	(B) Weakness is mild, so most can exercise normally		
	(C) Often associated with lissencep	haly	
	(D) Inherited in an X-linked recessive manner		
062.	Which of the following has not been putatively associated with an increased risk of multiple sclerosis (MS)?		
	(A) Smoking	(B) Vitamin D deficiency	
	(C) Certain infections	(D) Birth order	
063.	Which of the following immunother	rapies acts exclusively through a purine analog metabolite?	
	(A) Azathioprine	(B) Cyclophosphamide	
	(C) Cyclosporine	(D) Rituximab	
064.	Pancake like gadolinium enhancement on MRI is seen in		
	(A) NMOSD	(B) spinal AVMs	
	(C) spondylotic myelopathy	(D) spinal cord tumours	
065.	All of the following nerves are com	monly preferred for biopsy except	
	(A) Sural nerve	(B) Musculocutaneous nerve	
	(C) Superficial radial nerve	(D) superficial peroneal nerves	

066.	Which of the following neuropathies is not associated with hypopigmentation?		
	(A) Sarcoidosis	(B) Leprosy	
	(C) POEMS	(D) All of them cause hypopigmentation	
067.	Posterior interosseous neuropathy is charact	terised by all except	
	(A) Dropped fingers		
	(B) Radial SNAP is absent		
	(C) Radial deviation of wrist on wrist extens	sion	
	(D) Extensor carpi ulnaris is weak		
068.	In a typical case of Lead neuropathy, weakness commences first in the extensors of		
	(A) Middle and ring fingers	(B) Index and little fingers	
	(C) Thumb	(D) Wrist	
069.	Froment sign is due to weakness of		
	(A) Adductor pollicis	(B) Flexor pollicis longus	
	(C) Flexor pollicis brevis	(D) Abductor pollicis longus	
070.	Cheiralgia parasthetica is mononeuropathy of		
	(A) Musculocutaneous nerve		
	(B) Superficial dorsal sensory branch of radial nerve		
	(C) Posterior interosseous nerve		
	(D) Anterior interosseous nerve		
071.	Ohtahara syndrome is characterised by all of the following except		
	(A) Epileptic spasms are the predominant seizure type		
	(B) EEG shows burst – suppression pattern		
	(C) Structural and genetic causes are more common in the etiology		
	(D) Metabolic disturbances are more common cause of the syndrome		
072.	Regarding Isoniazid neuropathy - which is wrong statement?		
	(A) It is a dose related chronic sensory motor neuropathy		
	(B) Fast acetylators are more prone to neuropathy		
	(C) Optic neuropathy can occur		
	(D) INH inhibits pyridoxal phosphokinase		
073.	Which of the following patients are not benefited by plasma exchange?		
	(A) IgA MGUS associated poly neuropathy	(B) Ig M MGUS associated poly neuropathy	
	(C) Refsum'sdiaease	(D) LGI1 assiciated encephalitis	
074.	Which of the following is not correct with re	egard to Lennox- Gastaut syndrome?	
	(A) Atonic seizures are difficult to control		
	(B) Vagal nerve stimulation is useful for atonic seizures		
	(C) Rufinamide can control drop attacks		
	(D) Interictal EEG shows Burst suppression	D) Interictal EEG shows Burst suppression pattern	

(A) Non fluent type of primary progressive	e aphasia	
(B) Logopenic variant of primary progressive aphasia		
(C) Semantic variant primary progressive aphasia		
(D) None of the above		
Which of the following is not a cause of pr	imary microcephaly ?	
(A) Intra uterine infections	(B) Chromosomal disorders	
(C) Agenesis of corpus callosum	(D) Microcephaly vera	
Which of the following is not a seizure pat	tern in new born child?	
(A) Apnea with tonic stiffening of body	(B) Benign nocturnal myoclonus	
(C) Multifocal clonic limb movements	(D) Paroxysmal laughing	
Which of the following statements is false?		
(A) Motor seizures rarely progress to a sin	nple somatosensory seizure	
(B) Sensory seizures progress to motor seiz	zures	
(C) Sensory seizures often end abruptly		
(D) Motor seizures end abruptly		
Which of the following is not a Nonconvuls	sive form of Status Epilepticus(NCSE)?	
(A) Adversive status	(B) Typical absence status	
(C) Aphasic status	(D) Atypical absence status	
With regards to epilepsy associated with Ring chromosome 20, which of the following is not true?		
(A) Age at onset of seizures varies from infancy to 17 years		
(B) Repeated nonconvulsive status occur daily		
(C) The characteristic EEG finding is of long runs of bilateral high amplitude slow wave with or without a spike component, with a bifrontal predominance		
(D) Majority of patients have microcephaly		
Which of the following statements is not true regarding Neurulation?		
(A) It refers to formation and closure of the neural tube		
(B) Disorders of Neurulation occur in the 1-4 weeks of gestation		
(C) Secondary Neurulation occurs in most caudal regions of spinal cord		
(D) Cerebellar hypoplasia is because of defective Neurulation		
All of the following neuropathies predomin	nantly involve upper limb except	
(A) Familial amyloid neuropathy type 2	(B) Lewis-Sumner variant of CIDP	
(C) Tangier disease	(D) Fabry disease	
The following are true regarding Slow - C	Channel Congenital Myasthenic syndrome except	
(A) Intrinsic hand muscles and digit extensors are weak and atrophic		
(B) Single nerve stimulation produces repetitive discharges		
(C) Autosomal recessive inheritance		
(D) Improvement with Fluoxetine		
	(B) Logopenic variant of primary progressive (C) Semantic variant primary progressive (D) None of the above Which of the following is not a cause of pr (A) Intra uterine infections (C) Agenesis of corpus callosum Which of the following is not a seizure pat (A) Apnea with tonic stiffening of body (C) Multifocal clonic limb movements Which of the following statements is false? (A) Motor seizures rarely progress to a sin (B) Sensory seizures progress to motor seiz (C) Sensory seizures often end abruptly (D) Motor seizures end abruptly Which of the following is not a Nonconvula (A) Adversive status (C) Aphasic status With regards to epilepsy associated with true? (A) Age at onset of seizures varies from inf (B) Repeated nonconvulsive status occur of (C) The characteristic EEG finding is of loor without a spike component, with a (D) Majority of patients have microcephal which of the following statements is not the following statements is not the following statements is not the following neuropathies predoming the following neuropathies predoming the following are true regarding Slow—(C) Tangier disease The following are true regarding Slow—(C) Autosomal recessive inheritance	

Apraxia of speech is a feature of which of the following?

U 84 .	which of the following is not true regarding	g Botunsm?	
	(A) Presynaptic neuromuscular disorder		
	(B) Postural hypotension and urinary retention occur		
	(C) Single fiber EMG (SFEMG) shows increased jitter		
	(D) Treatment consists of antibiotics		
085.	Horner's syndrome can be seen in		
	(A) Carotid artery dissection	(B) Migraine	
	(C) Cluster headache	(D) All the above	
086.	Which of the following medications should be discontinued for 48 hours after a CT angiogram?		
	(A) Apixaban	(B) Aspirin	
	(C) Metformin	(D) Lisinopril	
087.	2 1	Which of the following clinical parameters has been shown to correlate with the total cerebral burden of white matter hyperintensities of presumed vascular origin?	
	(A) auditory acuity		
	(B) gait velocity		
	(C) ulnar nerve compound motor action po	tential amplitude	
	(D) saccade velocity		
088.	In a patient with ischemic stroke and patent foramen ovale detected on echocardiography, all of the following features increases the likelihood that the patent foramen ovale is the causal mechanism of stroke except -		
	(A) age less than 50 years	(B) non-hypertensive	
	(C) mitral stenosis on echocardiography	(D) large intracardiac shunt	
089.	Efforts to enhance stroke recovery by developing monoclonal antibodies targeting myelin-associated glycoprotein, oligo-myelin glycoprotein, or Nogo-A are based on the fact that all three of these proteins are present at increased levels after stroke and they all do which of the following?		
	(A) hyperpolarize neurons	(B) inhibit axon outgrowth	
	(C) initiate activation of sensitized T cells	(D) stimulate autophagy	
090.	The best available data support the benefit of oral anticoagulation over antiplatelet therapy in stroke prevention for which of the following conditions?		
	(A) aortic arch atherosclerosis	(B) atrial fibrillation	
	(C) cervical artery dissection	(D) embolic stroke of undetermined source	
091.	<u>-</u>	l carotid artery and a stroke in the territory of that atient remain free of new symptoms before his risk ver experienced any ischemic symptoms?	
	(A) this will never happen	(B) 6 months	
	(C) 1 year	(D) 10 years	

092.	•	atures may be useful in distinguishing paroxysmal neurologic disease from paroxysmal sympathetic		
	(A) tachypnea involving use of the accessory muscles			
	(B) hyperthermia over 39.2°C (102.5°F)			
	(C) rapid-onset tachycardia			
	(D) severe muscle rigidity			
093.		Staining of skin biopsy specimens with which of the following compounds is most likely to be diagnostic in a patient with vivid, frightening dreams and dream-enactment behavior?		
	(A) Congo red	(B) phosphorylated α-synuclein		
	(C) protein gene product 9.5	(D) vasoactive intestinal polypeptide		
094.	Which of the following medications is a co	mmon cause of generalized hyperhidrosis?		
	(A) benztropine	(B) sertraline		
	(C) ipratropium bromide	(D) oxybutynin		
095.	Which of the following electrophysiologic fit	ndings confirms identification of cortical myoclonus?		
	(A) enhanced long-latency EMG reflexes to peripheral nerve stimulation			
	(B) enlarged cortical waves in somatosensory evoked potentials			
	(C) epileptiform activity on EEG that correlates with the myoclonus EMG discharges			
	(D) myoclonic EMG discharges of less than 100 ms			
096.	A 15-year-old boy experienced a respiratory arrest due to an asthma attack. At what point would a chronic multifocal action myoclonus be expected to develop?			
	(A) following partial recovery of mental status			
	(B) 15 minutes after the start of respiratory arrest			
	(C) prior to arrest once oxygen saturation reaches 65 mm Hg			
	(D) within 24 to 28 hours of arrest only if the patient remains Unresponsive			
097.	Which of the following conditions, although usually benign, requires further workup with imaging as it may be associated with an underlying malignancy?			
	(A) Spasmus nutans	(B) idiopathic dystonia of infancy		
	(C) paroxysmal tonic upgaze of infancy	(D) Sandifer syndrome		
098.	The presence of which of the following pathologic findings differentiates corticobasal degeneration from progressive supranuclear palsy?			
	(A) astrocytic plaques	(B) coiled bodies		
	(C) tufted astrocytes	(D) 4-repeat tau		
099.	All of the following are the major clinical subtypes of Paraproteinemic neuropathy (PPN) except			
	(A) Distal demyelinating symmetric neuropathy			
	(B) Chronic inflammatory demyelinatingpo	olyneuropathy (CIDP) – like		
	(C) Axonal sensorimotor peripheral neuro	pathy		
	(D) Pure motor neuropathy			

100.	The following are the reflex movements seen in brain death and do not preclude the diagnosis of brain death except		
	(A) Deep tendon reflexes	(B) Triple flexion	
	(C) Babinski sign	(D) Decorticate rigidity	
101.	Which of the following is the first litype 1 (GLUT 1) deficiency?	ine therapy for epilepsy associated with glucose transporter	
	(A) Valproic acid	(B) Ketogenic diet	
	(C) Vagal nerve stimulation	(D) Corpus Callosotomy	
102.	Which of the following antidepressants is associated with an increased risk of seizures?		
	(A) Bupropion	(B) Citalopram	
	(C) Mirtazapine	(D) Venlafaxine	
103.	Which of the following antiepileptic	c drugs can be effectively administered one time per day?	
	(A) Perampanel	(B) Lamotrigine	
	(C) Rufinamide	(D) Lacosamide	
104.	Which of the following clinical features of normal pressure hydrocephalous should be present for consideration of shunt surgery?		
	(A) Gait abnormality	(B) Incontinence	
	(C) Impaired executive function	(D) Psychomotor slowing	
105.	Which of the following is not true regarding myokymic discharges?		
	(A) Grouped repetitive discharges with irregular interburst interval		
	(B) Resemble the sound of marching soldiers on the loud speaker		
	(C) Can be seen in brainstem glion	na	
	(D) The generator is motor nerve fi	iber	
106.	Which of the following is not a true statement?		
	(A) Myotonia is often easier to deûne on neurological examination than on EMG examination		
	(B) Acid maltase disease consistently shows myotonic potentials on EMG with absent clinical myotonia.		
	(C) In myotonic syndromes repetitive stimulation at 5–10 Hz leads to a decrement in the compound muscle action potential (CMAP).		
	(D) Myotonia is not painful		
107.	Which of the following is false rega	arding subdural grid electrodes?	
	(A) Placed through craniotomy		
	(B) Used when epileptogenic lesions are adjacent to eloquent cortex		
	(C) Inferior to Stereo EEG		
	(D) All are true		
108.	Lacunar infarcts in which of the foll on cognitive performance?	owing locations are associated with greatest negative impact	
	(A) Lobar white mater	(B) Thalamus	
	(C) Pons	(D) Internal capsule	

	(A) Angular gyrus	B) Left medial occipital lobe and splenium	
	(C) Bilateral occipitotemporal cortex	(D) Left supramarginalgyrus	
110.	Which of the following is not true regard	ling Callosal Apraxia?	
	(A) Apraxia is confined to non dominant	hand	
	(B) Patient cannot pantomime with their	left hand	
	(C) Cannot identify gestures		
	(D) Can have alien hand.		
111.	Repetition is preserved in which of the fo	ollowing aphasia?	
	(A) Conduction aphasia	(B) Broca's aphasia	
	(C) Transcortical aphasia	(D) Wernicke aphasia	
112.	Which of the following statements is not	correct regarding diabetes and stroke?	
	(A) Duration of diabetes mellitus of more	than 3 years increases the risk of stroke by 74%	
	(B) A glycatedhemoglobin goal of less than complications of type II diabetes	17% has been recommended to prevent microvascular	
	(C) Intensive glucose control reduces stro	oke risk	
	(D) In patients who have diabetes mellitus, an aggressive blood pressure reduction to a systolic blood pressure <120 mm Hg reduced the risk of any stroke by 41%		
113.	"Pseudo CSF" sign in the MRI of orbit is	s seen in which of the following condition?	
	(A) Optic nerve glioma		
	(B) Optic nerve meningioma		
	(C) Anti MOG Ig G antibody associated optic neuritis		
	(D) Autoimmune GFAP-IgGastrocytopathy		
114.	Which of the following statements is falso	e?	
	(A) The dorsal cochlear nucleus contribu	tes to sound localization	
	(B) The superior olivary complex is th innervation	e first central auditory centre to receive binaural	
	(C) The primary auditory cortex is local gyrus.	ted on the posterior aspect of the superior temporal	
	(D) 75% of non-syndromic hearing loss i	s inherited in an autosomal-dominant pattern	
115.	Which of the following is fully human me	onoclonal antibody?	
	(A) Rituximab	(B) Ocrelizumab	
	(C) Ofatumumab	(D) Natalizumab	
116.	Which of the following infections has the strongest evidence of a causal relationship for the development of multiple sclerosis?		
	(A) Cytomegalo virus	(B) Epstein – Barr virus	
	(C) Herpes simplex	(D) Measles	
117.	Flushing is the common adverse effect of Multiple Sclerosis	which of the following drugs used in the treatment of	
	(A) Fingolimod	(B) Dimethyl fumarate	
	(C) Teriflunomide	(D) Glatiramer acetate	
AON	[- 001 to 200 - MASTER]	13 P.T.O.	

109.

In Alexia without agraphia the site of lesion

118.	What is the mechanism of action of Natalizumab?			
	(A) Cell Lysis	(B) Compliment Fixation		
	(C) Prevention Of Leucocyte Adherence	(D) DNA Cross Linking		
119.	According to the latest law - Rights of Persons with Disability Act 2016 (RPWD Act 2016), which of the following is not correct?			
	(A) Person with altered sensorium like pa	(A) Person with altered sensorium like patients with vegetative state cannot be certified		
	(B) Disability due to the involvement of co	ranial nerves was excluded from new guidelines		
	(C) Multiple sclerosis (MS) has been adde	(C) Multiple sclerosis (MS) has been added as a neurological disabilty		
	(D) Modified Rankin scale (mRS) score of	(D) Modified Rankin scale (mRS) score of 3 amounts to 80% disability		
120.	To localize the epileptogenic focus in the inuseful?	nsulo- opercular area, which of the following EEG is		
	(A) Grid electrodes	(B) Stereo-Electroencephalography		
	(C) Strip electrodes	(D) Surface EEG		
121.	Which multiple sclerosis disease-modifying therapy requiresmonitoring for drug level before cessation of birth control?			
	(A) Dimethyl Fumerate	(B) Rituximab		
	(C) Teriflunomide	(D) Ocrelizumab		
122.	A 22 month old boy presents with irregular rapid eye movements and generalized myoclonus. Which of the following conditions must be definitely ruled out?			
	(A) Lyme disease	(B) Sarcoidosis		
	(C) Neuroblostoma	(D) Testicular embryonal cell carcinoma		
123.	Which of the following has absolute responsiveness to Indomethacin?			
	(A) Cluster headache			
	(B) Hemicrania continua			
	(C) Short lasting unilateral Neuralgiform Headache Attacks			
	(D) Chronic migraine			
124.	Which of the following is not a feature of sympathetic hyperactivity from primary neurologic disease?			
	(A) Skin pallor and piloerection	(B) Hyperthermia		
	(C) Hypoxemia	(D) Muscle rigidity		
125.	What is the first line treatment for cortical myoclonus?			
	(A) Valproic acid	(B) Clonazepam		
	(C) Levetiracetam	(D) Brivaracetam		
126.	All of the following are the features of Gastaut type of occipital lobe epilepsy except			
	(A) Onset at 3-16 yrs (mean, 8-9) of age			
	(B) Visual hallucinations			
	(C) Duration of seizure is more than 5 minutes			
	(D) Fixation off sensitivity			

127.	movement disorder through its involvement in the modulation of neural circuit for self-agency?			
	(A) Hypothalamus	(B) Prefrontal cortex		
	(C) Temporoparietal junction	(D) Thalamic reticular nucleus		
128.	Biotinidase deficiency is characterize	Biotinidase deficiency is characterized by		
	(A) Alopecia	(B) Kinky hair		
	(C) Balding	(D) Hirsutism		
129.	NMO Spectrum disorders occur decades after which of the following other neurologic disorders at higher rates than would be expected?			
	(A) Febrile seizures	(B) Myasthenia gravis		
	(C) Viral meningitis	(D) Neurosarcoidosis		
130.	Which of the following neurological	signs can be seen in patients with essential tremor?		
	(A) Ataxia	(B) Dysphagia		
	(C) Dysarthria	(D) Nystagmus		
131.	Which of the following is not correct	regarding GeneXpert Mycobacterium Tuberculosis test?		
	(A) It is based on real-time heminested PCR			
	(B) Results are available in approximately 2 hours			
	(C) It determines the susceptibility to Isoniazid			
	(D) The reported sensitivity of the as	say is about 80% for the diagnosis of TBM		
132.	Which of the following situation is an example of phenotypic pleiotropy?			
	(A) Linkage of different loci to the same phenotype in a large population			
	(B) Mutations in several different genes resulting in the same phenotype			
	(C) Different mutations in a single gene resulting in significantly different phenotypes			
	(D) Single nucleotide non- synonymo	ous variants that do not alter protein function		
133.	Which of the following is the characteristic MRI feature of IgG4-Related Disease of Orbit?			
	(A) T 2 Hperintensity	(B) T2 Hypointensity		
	(C) No contrast enhancement	(D) Destruction of bone		
134.	What is the FDA approved time window for thrombolysis with IV - tPA for ischemic stroke?			
	(A) 3 hours	(B) 4.5 hours		
	(C) 6 hours	(D) 9hours		
135.	Which of the following genetic tests would best detect a balanced chromosomal translocation:			
	(A) Chromosomal microarray			
	(B) Karyotype			
	(C) Whole genome sequencing			
	(D) Multiplex ligation - dependent probe amplification			
136.	Detrusor weakness is seen in which o	of the following disease?		
	(A) Myotonic dystrophy	(B) LGMD 2A		
	(C) Desferlinopathy	(D) Bethlem myopathy		

137.	Slimmer's palsy is type of		
	(A) Bulbar palsy	(B) Facial palsy	
	(C) Peroneal neuropathy	(D) Ulnar neuropathy	
138.	Which of the following eccrine sweat glands are not chiefly involved in thermoregulation?		
	(A) Forehead	(B) Palms and soles	
	(C) Upper limbs	(D) Trunk	
139.	Polymicrogyria is most likely caused by a di	sruption of which of the following processes?	
	(A) Cell proliferation	(B) Neuronal differentiation	
	(C) Postmigrational development	(D) Neurulation	
140.	What is the antibody associated with Gluten sensitivity ataxia?		
	(A) Anti –glutamic acid decarboxylase (GAD) antibodies		
	(B) Tissue transglutaminase antibodies		
	(C) Guanosine triphosphate (GTP) cyclohyd	Irolase 1 deficiency	
	(D) None of the above		
141.	Which of the following is the strongest risk factor for sudden unexpected death in epilepsy (SUDEP)?		
	(A) Antiseizure medication polytherapy	(B) Uncontrolled generalized tonic-clonic seizures	
	(C) Alcohol and other substance abuse	(D) Concomitant psychiatric illness	
142.	All of the following are associated with T2 hyperintensity (brain MRI) in the bilateral inferior Olivary nuclei except		
	(A) Adult onset Alexander disease	(B) Ataxia with Gluten sensitivity	
	(C) POLG ataxia	(D) Fragile X tremor-ataxia syndrome	
143.	Which of the following epileptic encephalopathies has the best overall prognosis?		
	(A) Continuous spike and wave in slow wave sleep		
	(B) Landau – Kleffner syndrome		
	(C) Early myoclonic Epilepsy		
	(D) Lennox – Gaustat syndrome		
144.	All of the following are true regarding Cannabidiol except		
	(A) Indicated for treatment of seizures associated with LG syndrome		
	(B) It has no interaction with Clobazam		
	(C) It increases liver enzymes		
	(D) Does not interact with the cannabinoid receptor CB1		
145.	When should the Glasgow coma scale score be assessed after traumatic brain injury (TBI) in order to best distinguish mild from moderate TBI ?		
	(A) Immediately after the inciting event	(B) Within 5 minutes of the inciting event	
	(C) Within 15 minutes of the inciting event	(D) 30 minutes or later post injury	
146.	Which of the following chromosomes appears to be enriched with genes mutated in patient with intellectual developmental disorder?		
	(A)X	(B) Y	
	(C) 4	(D) 21	

147.	Pseudohypertrophy is not seen in which of the following conditions?		
	(A) Sarcoglycanopathies (LGMD2C-F)	(B) Dystrophinopathy	
	(C) LGMD 2I	(D) LGMD2A	
148.	Which of the following is not true regarding Statin induced Immune-mediated necrotizing myopathy?		
	(A) Onset is months to years after starting statins		
	(B) Very high serum creatine kinase (>5000 iu/L)		
	(C) Biopsy — necrotizing myopathy with plenty of inflammatory cells		
	(D) May respond to IV IG		
149.	SCA 10 is characterized by		
	(A) CAG repeats	(B) CTG repeats	
	(C) ATTCT repeats	(D) CCTG repeats	
150.	Continuous spikes in slow wave sleep (CSV	WS/ESCS) is characterized by all except	
	(A) Regression of language and cognitive to	function	
	(B) Diagnosed when 85% or more of slow	wave sleep is occupied by spike and slow waves	
	(C) Role of thalamus in the genesis of ESCS is suggested		
	(D) Carbamazapine is the drug of choice		
151.	Which of the following is not true regarding catamenial epilepsy?		
	(A) Three patterns of catamenial epilepsy are described		
	(B) Allopregnanolone has anticonvulsant potential		
	(C) Antimullerian hormone has epileptogenic potential		
	(D) Acetazolamide has been used in the treatment		
152.	Clinical worsening after treatment with IV Methyl Prednisolone most commonly occurs with which of the following spinal cord disorders?		
	(A) Epidural hematoma		
	(B) Ischemia after thoraco abdominal aortic surgery		
	(C) Spinal duralarteriovenous fistula		
	(D) Metastatic cord compression		
153.	Which of the following is accurate regarding late -onset Friedreich ataxia as compared to earlier -onset form of this disorder?		
	(A) Associated with larger trinucleotide expansion number		
	(B) Lower rates of cardiomyopathy and other non-neurologic manifestations		
	(C) More rapid progression following symptom onset		
	(D) More severedisease phenotype		
154.	Most common Neurological manifestation	of COVID 19 is:	
	(A) Seizures	(B) Headache	
	(C) Altered sensorium	(D) Hiccups	
155.	` '	rd infarction includes which of the following?	
	(A) Corticosteroids	(B) Thrombolytic	
	(C) Lumbar CSF drainage	(D) Neuroprotective agents	
	8	. , .	

156.	Which of the following MRI abnormalities would be most likely in a patient with spinal neurocysticercosis?		
	(A) Diastematomyelia	(B) Enlarged central canal	
	(C) Tethered spinal cord	(D) Intracranial cysts	
157.	For patients with acute traumatic spinal cord injury, class I evidence of efficacy is available for which of the following medications?		
	(A) Riluzole	(B) Methylprednisolone	
	(C) Minocycline	(D) None	
158.	What type of neuropathic pain is most like	ely to be refractory to first-line treatments?	
	(A) Chemotherapy-induced neuropathy	(B) Painful diabetic neuropathy	
	(C) Postherpetic neuralgia	(D) Trigeminal neuralgia	
159.	Which of the following is the most common lower urinary tract symptom in Parkinson disease?		
	(A) Dysuria	(B) Incomplete bladder emptying	
	(C) Nocturia	(D) Urgency	
160.	Which of the following clinical features is most consistent with the diagnosis of idiopathic trigeminal neuralgia?		
	(A) Bilateral pain	(B) Tingling in the face	
	(C) Paroxysms of pain lasting 1 hour	(D) Spontaneous remissions	
161.	Which of the following disorders is most likely to be associated with the development of renal insufficiency due to high bladder pressures?		
	(A) Hereditary spastic paraplegia	(B) Multiple sclerosis	
	(C) Multiple system atrophy	(D) Spinal cord injury	
162.	A 16-year-old girl is referred for evaluation of episodes of collapsing. She reports that when she laughs she develops profound muscle weakness progressing over 20 to 30 seconds, and she falls to the ground. During the episodes, she is fully aware of what is going on around her but cannot move. What is the most likely diagnosis?		
	(A) Cataplexy	(B) Gelastic seizure	
	(C) Transient ischemic attack	(D) Psychogenic pseudo syncope	
163.	A 60-year-old man with chronic renal failure is admitted to the hospital with urinary trace infection. On the third day, he becomes confused and appears sedated. The following day, he develops myoclonus and is witnessed to have a generalized seizure. Which of the following medications is most likely to cause this constellation of symptoms?		
	(A) Cefazolin	(B) Cefepime	
	(C) Ceftaroline	(D) Cephalexin	
164.	Keraunoparalysis is transient paralysis caused by which of the following environmental-related conditions?		
	(A) Acute mountain sickness	(B) Decompression sickness	
	(C) Hyperthermia	(D) Lightning strike	
165.	Which of the following solid organ transproxoplasma gondii infection?	plantations are associated with the highest risk for	
	(A) Heart	(B) Kidney	
	(C) Liver	(D) Lung	

166.	At what time of day does melatonin secretion typically peak?		
	(A) At sleep onset	(B) Upon awakening	
	(C) 2 hours before normal sleep time	(D) Midway through the normal sleep time	
167.	Which of the following therapies is most likely to be effective for reducing episodes of sleepwalking?		
	(A) Carbamazepine	(B) Clonazepam	
	(C) Pramipexole	(D) Quetiapine	
168.	Which of the following is the most common presenting symptom in narcolepsy?		
	(A) Dream enactment	(B) Excessive daytime sleepiness	
	(C) Sleep paralysis	(D) Unrefreshing nocturnal sleep	
169.	What is the mechanism of action of ultra low-dose Doxepin for sleep-maintenance insomnia?		
	(A) Gama-aminobutyric acid A (GABA-A	(A) Gama-aminobutyric acid A (GABA-A) receptor agonism	
	(B) Dopamine 2 receptor antagonism		
	(C) Histamine 1 (H1) receptor antagonism		
	(D) Hypocretin/orexin receptor antagonism		
170.	Which of the following is the most effection phase disorder?	ve treatment for patients with advanced sleep wake	
	(A) Anxiolytics in early evening	(B) Melatonin at night	
	(C) Hypnotics during the night	(D) Light therapy in late afternoon	
171.	The ability of ultrasound to dynamically scan an entire plane of muscle at once makes it particularly well suited to detect which of the following?		
	(A) Fasciculations	(B) Fiber type grouping	
	(C) Fibrillations	(D) Type 2 muscle fiber atrophy	
172.	Which of the following best describes the prognosis and outcomes of patients with cramp-fasciculation syndrome?		
	(A) It is considered a benign syndrome without considerable progression		
	(B) It is considered a precursor to motor neuron disease		
	(C) It is a genetic syndrome that shows anticipation in offspring of affected patients		
	(D) Treatment with carbamazepine can produce severe attacks		
173.	Failure to warm the foot adequately when performing nerve conduction studies can cause which of the following misleading results?		
	(A) Shortened motor distal latencies		
	(B) Reduced compound motor action potential (CMAP) amplitudes		
	(C) Shortened F-wave latencies		
	(D) Prolonged sensory latencies		
174.	Which of the following is not a component of NEDA-3 (No Evidence of Disease Activity)?		
	(A) Absence of clinical relapses		
	(B) Lack of disability progression in the previous 6 months		
	(C) Mean annual BVL (brain volume loss) rate of <0.4%		
	(D) Absence of new T2 lesions/enhancing	lesion on magnetic resonance imaging (MRI)	

175.	Which of the following is a low risk PFO (patent foramen ovale)		
	(A) PFO with atrial septal aneurysm		
	(B) PFO without atrial septal aneurysm but with spontaneous right-to-left shunt		
	(C) PFO without atrial septal aneurysm but with large shunt during Valsalva manoeuvre		
	(D) PFO without atrial septal aneurysm with small or moderate shunt size during Valsalva manoeuvre		
176.	Solitary sclerosis is a type of		
	(A) Clinically isolated syndrome	(B) Systemic sclerosis	
	(C) Primary progressive Multiple Sclerosis	(D) None of the above	
177.	Which of the following is a not higher cognitive function?		
	(A) Abstract thinking	(B) Language	
	(C) Problem solving	(D) Judgment	
178.	Conduction aphasia is produced by		
	(A) Lesion involving SupramarginalGyrus	(B) Lesion involving Arcuate fasciculus	
	(C) Both of the above	(D) None of the above	
179.	All of the following are features of Amnestic syndrome except		
	(A) Impaired anterograde memory	(B) Impaired procedural memory	
	(C) Confabulation	(D) Preserved remote memory	
180.	Which of the following is the pathological ha	allmark of Progressive Multiple Sclerosis?	
	(A) Active plaque	(B) Smoldering plaque	
	(C) Inactive plaque	(D) Shadow plaque	
181.	Which of the following produces Myotonia on needle EMG examination?		
	(A) Chloroquine	(B) Colchicine	
	(C) Alcohol	(D) Emetine	
182.	Gepants are a class of drugs which are		
	(A) Calcitonin gene-related peptide (CGRP) receptor antagonists		
	(B) 5-HT _{1B/1D} -receptor agonist		
	(C) 5-HT _{1F} Receptor Agonists		
	(D) 5-HT _{IB/ID} -receptor antagonist		
183.	Which of the following is most accurate regarding the use of the IntracerebralHemorrhage Score and other prognostic scores in patients presenting with acute intracerebralhemorrhage.		
	(A) Initial examination should always be used, not an examination following stabilization (B) Scores can only predict outcomes at time of hospital discharge		
	(C) Scores may be associated with a self-fulfilling prophecy and premature limitations in care (D) Scores rely on variables that are not readily available clinically		
184.	Which of the following factors is associated with worse functional outcomes for patients in status epilepticus?		
	(A) Male sex	(B) Convulsive status epilepticus	
	(C) History of epilepsy	(D) Age older than 60 years	

185. Which of the following best describes the pattern and distribution of symptowith intensive care unit-acquired weakness?			
	(A) Facial muscles are often preferentially involved		
	(B) Ocular muscles are most commonly spared		
	(C) Respiratory muscles are rarely involved		
	(D) Weakness is usually accompanie	d by hyperreflexia	
186.	Which of the following chemotherapeutic agents can induce antithrombin III deficiency?		
	(A) Cytarabine	(B) 5-Fluorouracil	
	(C) Asparaginase	(D) Ifosfamide	
187.	Which of the following medications has been US Food and Drug Administration (FDA)-approved to treat irritability and aggression in children with autism spectrum disorder?		
	(A) Amitriptyline	(B) Risperidone	
	(C) Clonidine	(D) Fluoxetine	
188.	All are true regarding dystonic storm except:		
	(A) It is a rare life-threatening state of generalised, unremitting severe dystonic spasm		
	(B) It usually responds to standard antidystonia oral medications.		
	(C) It is often triggered by medication adjustment/withdrawal		
	(D) Intrathecal Baclofen can sometime	mes help refractory cases	
189.	All are true about Hyperglycemichemiballism except:		
	(A) It is more common in males		
	(B) It develops following severe non-ketotic hyperglycaemia		
	(C) The movements often dissipate within hours of correcting the hyperglycaemia		
	(D) The hemiballism may persist for	over 3 months in 20%	
190.	All are true regarding Deep Brain Stimulation except:		
	(A) People with DBS devices need prophylactic antibiotics for minor procedures		
	(B) placement of DBS device can interfere with the ECG trace		
	(C) Cardiac pacing may be hazardous in DBS patient		
	(D) The presence of a cardiac pacemaker is a contraindication to DBS implantation		
191.	All of the following are included in the core features of Posterior Cortical Atrophy except:		
	(A) Relatively spared anterograde memory		
	(B) Relatively spared behaviour and personality		
	(C) Relatively spared visual language function		
	(D) Relatively spared executive func	tion	
192.	An important exclusion criteria to diagnosePosterior Cortical Atrophy is:		
	(A) Presence of limb apraxia	(B) Presence of afferent visual pathway disorder	
	(C) Presence of acalculia	(D) Presence of homonymous visual field defect	

	(A) chemokine CXCL13			
	(B) fluorescent treponemal antibod	ly-absorption (FTA-ABS) test		
	(C) microhemagglutination assay for Treponema pallidum antibodies(MHA-TP)			
	(D) Venereal Disease Research Laboratory (VDRL)			
194.	All of the following are red flags fo	All of the following are red flags for diagnosis of Multiple Sclerosis except		
	(A) Family history of neurologic di	isease other than MS		
	(B) Leptomeningeal disease			
	(C) Severe optic neuritis with poor	· recovery		
	(D) Transverse myelitis			
195.	Myelin oligodendrocyte glycoprot anatomic location?	ein antibody (MOG-IgG) disease typically involves which		
	(A) conus medullaris	(B) corpus callosum		
	(C) inferior temporal pole	(D) optic chiasm		
196.	Most accurate statement about use	e of Tranexamic acid in Traumatic Brain Injury(TBI)		
	(A) Most effective when used in patients with TBI within 3hrs			
	(B) It can be used in patients with TBI irrespective of GCS			
	(C) It can be used in patients with intracranial and extracranial bleeding			
	(D) It is effective in reducing long	term disability		
197.	Cenobamate is a novel drug used f	or		
	(A) Chronic migraine	(B) Tics		
	(C) Uncontrolled focal seizures	(D) Dyskinesias in Parkinson's disease		
198.	All are false about Golodirsen except			
	(A) Results in exon 53 skipping			
	(B) Results in exon 51 skipping			
	(C) Promotes ribosomal read-through of nonsense (stop) mutations			
	(D) Recommended dose is 10mg/kg orally			
199.	Which of the following symptoms is more prominent in Lambert-Eaton myasthenic syndrome than in myasthenia gravis?			
	(A) Diplopia	(B) Dry mouth		
	(C) Dysarthria	(D) Dyspnea		
200.	Interferon gamma release assays for tuberculosis, such as QuantiFERON-TB Gold, have which of the following advantages over purified protein derivative skin testing?			
	(A) They are less expensive			
	(B) They are more reliable in patients who need annual testing			
	(C) They are unaffected by prior immunization with bacilli Calmette-Guerin (BCG) vaccine			
	(D) They can be used to monitor response to antituberculous treatment			

Which of the following CSF tests is most specific for neurosyphilis?