

NEET MDS 2022 (Memory Based)

Physiology

Question. Which of the following will cause a decrease in Extracellular K+?

- A. Lactic Acids
- B. Epinephrine
- C. Glucagon
- D. Atropine

Answer. D

Question. Which of the following will be involved in baroreceptor reflex?

- A. Negative feedback
- B. Positive feedback
- C. Adaptive control
- D. Feed forward

Answer. A

Question. Which of the following events occurs during Phase B to raise body temperature to hypothalamus set point?

- A. Shivering
- B. Sweating
- C. Decrease in thermogenesis
- D. Cutaneous vasodilation

Answer. A

Question. Which nucleus is involved in hemiballismus?

- A. Globus pallidus
- B. Caudate nucleus
- C. Substantia nigra
- D. Subthalamic

Answer. D

Question. A patient came to OPD with a complaint of paresis and numbness after sleeping on his arm. Why?

- A. A fibers are more susceptible to pressure than C fibers.
- B. B fibers are more susceptible to pressure than A fibers.
- C. C fibers are more susceptible to pressure than A fibers.
- D. A fibers are more susceptible to pressure than B fibers.

Answer. A

Psychiatry

Question. A patient is brought to the emergency department with symptoms of respiratory depression and suspected to have overdosed on opioids. What should be the next step?

- A. Naloxone
- B. Buprenorphine
- C. Naltrexone
- D. Methadone

Answer. A

Question. A 16-year old female has an irresistible urge to eat, followed by episodes of self induced vomiting. She is also on appetite suppressants. What is the diagnosis?

- A. Anorexia nervosa
- B. Bulimia nervosa
- C. Pica disorder
- D. Binge eating disorder

Answer. B

Question. A patient consumed a large number of TCA pills during the depressive episode and presented with altered sensorium, hypotension and high QRS complexes. What should be the next step?

- A. DC cardioversion
- B. Start antiarrhythmic drug
- C. NaHCO_3
- D. None of the above

Answer. C

Surgery

Question. A 45-year old female underwent thyroidectomy. On the 3rd day she developed perioral numbness. Further investigation involves:

- A. Free T3, T4
- B. RAI Scan
- C. Calcium, Phosphate and PTH levels
- D. T3, T4, TSH

Answer. C

Question. All of the following are the components of MEN-2b except:

- A. Megalocon
- B. Marfanoid habitus

- C. Mucosal neuroma
- D. Parathyroid adenoma

Answer. D

PSM

Question. Most effective way of controlling rabies in the urban population?

- A. Test all dog for rabies
- B. Vaccinate the dog population
- C. Administer rabies vaccine to all humans
- D. Health education of people

Answer. B

Question. To promote healthspan the best recommendation is:

- A. Restricted calories intake
- B. Yoga and exercise
- C. Reduce stress level
- D. All of the above

Answer. D

Question. Copper-T is contraindicated in:

- A. Menstruation
- B. Broken Condom
- C. Trophoblastic diseases
- D. Postpartum after delivery

Answer. C

Question. Green colour in Triage signifies:

- A. Dear patients
- B. High priority patients
- C. Ambulatory patients
- D. Moderate priority patients

Answer. C

Question. Broken glass vaccine vials at the Vaccination centre are supposed to be disposed of in which container?

- A. Yellow bag
- B. Red bag
- C. Sharps container
- D. Blue puncture proof container

Answer. D

Pharmacology

Question. The drug of choice in Paracetamol overdose is?

- A. N-acetylcysteine
- B. Dopamine
- C. Hydralazine
- D. Furosemide

Answer. A

Question. A patient on digoxin therapy accidentally consumed 8 tablets of digoxin 0.25 mg. Two hours later, he presented to the emergency doctor with a heart rate of 54 bpm and ECG evidence of third-degree AV block. What is the immediate management of this patient?

- A. Digoxin immune Fab
- B. Lignocaine
- C. Phenytoin
- D. DC cardioversion

Answer. A

Question. Which of the following hyperlipidemic drugs acts by inhibition of PCSK-9?

- A. Atorvastatin
- B. Evolocumab
- C. Ezetimibe
- D. Lomitapide

Answer. B

Solution. The drug that acts by inhibition of PCSK-9 is Evolocumab.

Pediatrics

Question. A mother reported that her baby did not pass urine on postnatal day 1. What will be the next step?

- A. Start IV hydration
- B. Shift to NICU and investigate
- C. Continue Breastfeeding and observe
- D. Start formula milk

Answer. C

Question. Multiple fractures were detected in the antenatal ultrasound scan. What could be the diagnosis?

- A. Achondroplasia
- B. Osteogenesis imperfecta
- C. Marfan syndrome
- D. Cretinism

Answer. B

Question. Which of the following diseases has autosomal recessive inheritance?

- A. Osteogenesis imperfecta
- B. Treacher collins syndrome
- C. Achondroplasia
- D. Cystic fibrosis

Answer. D

Question. A child with Exercise fatigue presented to OPD. The features were suggestive of McArdle disease. Which of the following enzymes will be deficient in this?

- A. Myo-Phosphorylase
- B. Glucose 6 Phosphatase
- C. Lysosomal Glucosidase
- D. Phosphofructokinase

Answer. A

Orthopedics

Question. MC complications of untreated radial head dislocation

- A. Cubitus varus
- B. Cubitus valgus
- C. Damage to ulnar nerve
- D. Myositis ossificans

Answer. B

Question. A patient presented with multiple swelling in hand & wrist. Finger X ray is given. Identify

- A. Multiple Endochromatosis
- B. Multiple Brown Tumour
- C. Multiple Osteophytic Growth
- D. None of the above

Answer. A

Question. Which will be the ideal treatment for Fibular Fracture?

- A. Analgesic-Closed Reduction-Cast.
- B. Neurological Assessment-Analgesic
- C. Neurological testing- Crif

D. Neurological assessment- analgesic- cast.

Answer. D

Question. Given the radiograph of a 13 year old child presented with a fall on elbow. Which of the bones has a fracture?

- A. Humerus
- B. Clavicle
- C. Scapula
- D. Ribs

Answer. A

General Medicine

Question. Known cases of C.L.D with Ascites present with abdominal pain and tenderness. Ascitic tap shows presence of 60 PMN cells/ICu.mm. Which of the following is the likely etiology?

- A. Tubercular Ascites
- B. Malignant Ascites
- C. Spontaneous Bacterial peritonitis
- D. Chylous ascites

Answer. C

Question. An 82-year-old patient with hypertension comes with acute onset of breathlessness. Chest X-Ray is shown below. What should be done next?

- A. Oxygen inhalation Antibiotics
- B. V salbutamol
- C. IV nitroglycerine
- D. Nebulized salbutamol

Answer. C

Question. An adult patient complains of palpitations and presents with an irregularly irregular pulse. Pulse deficit is 20, HR=120/m in, BP 110/70 mm Hg. Which of the following will be found in this patient?

- A. Absent a wave
- B. Canon a wave
- C. Absently
- D. Prominent V wave

Answer. A

Question. A patient presents with digoxin toxicity. Pulse rate is 54/min with ECG evidence of a degree heart block. What is the best treatment?

- A. Digoxin immune fab
- B. Lidocaine

- C. DC shock
- D. Phenytoin

Answer. A

Biology

Question. A female presented with curdy white discharge. Sample microscopy showed a budding yeast cell with pseudohyphae. Which medium is used to differentiate the species of the causative organism:

- A. Bird seed agar
- B. Chrome agar
- C. SDA
- D. PDA

Answer. B

Question. A farmer is presented with sinuses with a discharging granule on the leg granules were crushed and examined, Which of the following statement is correct regarding this scenario:

- A. Can be caused by Bacteria and Fungi
- B. Involves Skin only. No deeper tissue involvement.
- C. Lymphocyte accumulation is present.
- D. Spread by the hematogenous route

Answer. A

Question. A woodworker presented with Chronic localized infection of the skin on his lower legs and feet which were Irregular, rough, cauliflower- like lesions, Microscopy of the biopsy shows Copper pennylmuriform celismedl ar bodies, the etiological agent

- A. Chromoblastomycosis
- B. Phaeohyphomycosis
- C. Chromosomycosis
- D. Rhinosporidiosis

Answer. A

Question. In a patient with rice water diarrhoea, which will be involved?

- A. GM1 ganglio side
- B. GM2 ganglioside
- C. Both A and B
- D. None of the above

Answer. A

Question. A young boy presented with fever, sore throat, malaise and abdominal pain, conjunctival suffusion and calf tenderness. No history of cough, vomiting, haemorrhage and travel. What is the

diagnosis?

- A. Chikungunya
- B. Leptospira
- C. Dengue hemorrhagic fever
- D. Hepatic encephalopathy with hepatitis A

Answer. B

Question. Which of the following is the best way to diagnose Clostridium-associated Diarrhea?

- A. Stool culture
- B. Toxin Demonstration
- C. Blood culture
- D. None of the above

Answer. D