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NEET PG Memory Based Sample Questions Set 29 for 2023

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1. In which of the following heart diseases maternal mortality is found to be highest?

- a. Eisenmenger's complex
- b. Coarctation of aorta
- c. Mitral stenosis
- d. Aortic stenosis

Answer: b

2. All of the following are the complications in the newborn of the diabetic mother except:

- a. Hyperbilirubinemia
- b. Hyperglycemia
- c. Hypocalcemia
- d. Hypomagnesemia

Answer: d

3. The shortest diameter in fetal head is:

- a. Biparietal diameter
- b. Suboccipito frontal diameter
- c. Occipito frontal diameter
- d. Bitemporal diameter

Answer: c

4. A twenty year old patient presented with early pregnancy for Medical Termination of Pregnancy (MTP) in day care facility. What will be the anesthetic induction agent of choice?

- a. Thiopentone
- b. Ketamine
- c. Propofol
- d. Diazepam

Answer: b

5. Which organ is the primary site of hematopoiesis in the fetus before midpregnancy?

- a. Bone
- b. Liver
- c. Spleen
- d. Lung

Answer: d

6. Which one of the following is the description used for the term allodynia during pain management?

- a. Absence of pain perception
- b. Complete lack of pain sensation.
- c. Unpleasant sensation with or without a stimulus
- d. Perception of an ordinarily nonnoxious stimulus as severe pain

Answer: c

7. Which of the following inhalational agents has the minimum blood gas solubility coefficient?

- a. Isoflurane.
- b. Sevoflurane.
- c. Desflurane.
- d. Nitrous oxide.

Answer: d

8. Which of the following is the neuromuscular blocking agent with the shortest onset of action?

- a. Mivacurium
- b. Vecuronium.
- c. Rapacurium.
- d. Succinylcholine.

Answer: c

9. Administration of Glucose solution is prescribed for all of the following situations except:

- a. Neonates
- b. Child of a diabetic mother
- c. History of unconsciousness
- d. History of hypoglycemia

Answer: a

10. Which one of the following brain tumors is vascular in nature?

- a. Glioblastoma.
- b. Meningiomas.

c. C P angle epidermoid.

d. Pituitary adenomas.

Answer: a

11. Which of the following cranial nerves present in the posterior fossa?

a. 3rd to 12th

b. 4th to 12th

c. 5th to 12th

d. 6th to 12th

Answer: d

12. All of the following drugs are used for managing status epilepticus except:

a. Phenytoin.

b. Diazepam.

c. Thiopentone sodium.

d. Carbamazepine.

Answer: c

13. Cushing's Triad includes all except:

a. Hypertension.

b. Bradycardia.

c. Hypothermia.

d. Irregular respiration.

Answer: d

14. The causes of systemic secondary insult to injured brain include all of the following except:

a. Hypercapnia.

b. Hypoxaemia.

c. Hypotension

d. Hypothermia.

Answer: d

15. Neostigmine antagonizes non-depolarizing blockade by all of the following mechanisms, except:

a. Decreasing the break down of Acetylcholine at the motor end plate.

b. Preventing K efflux from the cell.

c. Increasing the release of Acetylcholine at the motor endplate.

d. Depolarization of the motor endplate.

Answer: a

16. All of the following factors influence hemoglobin dissociation curve, except:

- a. Calcium gluconate.
- b. CO₂ tension.
- c. Temperature.
- d. Betablockers.

Answer: d

17. All of the following are used for treatment of hyperkalaemia except:

- a. Calcium gluconate.
- b. Sodium bicarbonate.
- c. Intravenous infusion of glucose with insulin.
- d. Beta-blockers

Answer: a

18. A 30 year old patient presented with history of jaundice for 10 days. His liver function tests showed bilirubin of 10 mg/dl, SGOT/SGPT – 1100/1450, serum alkaline phosphatase – 240 IU. He was positive for HbsAg. What should be the confirmatory test to establish acute hepatitis B infection?

- a. IgM Anti-HBc antibody.
- b. HbeAg.
- c. HBV DNA by PCR.
- d. Anti-HBc antibody.

Answer: a

19. Which one of the following is the correct statement regarding coronary food flow?

- a. Coronary blood flow is directly related to perfusion pressure and inversely related to resistance.
- b. Coronary blood flow is inversely related to perfusion pressure and directly related to resistance.
- c. Coronary blood flow is directly related to perfusion pressure and also to resistance.
- d. Coronary blood flow is directly related to both pressures and resistance.

20. The most significant adverse effect of ACE inhibition is:

- a. Hypotension.
- b. Hypertension.
- c. Hypocalcemia.
- d. Hypercalcemia rate.

Answer: d

21. The loading dose of Aminophylline is:

- a. 50 – 75 ug/kg.
- b. 0.5 – 1.0 mg/kg.
- c. 2.0 – 3.5 mg/kg.
- s. 5 – 6 mg /kg.

Answer: a

22. A premature infant is born with a patent ductus arterious. Its closure can be stimulated by administration of:

- a. Prostaglandin analogue.
- b. Estrogen.
- c. Anti-estrogen compounds.
- d. Prostaglandin inhibitors.

Answer: d

23. A midline cleft lip is due to the failure of fusion between:

- a. Maxillary processes.
- b. Medial nasal processes.
- c. Medial and lateral nasal process.
- d. Medial nasal and maxillary process.

Answer: d

24. Lumbar hemivertebra results due to the abnormal development of:

- a. Dorsal sclerotome.
- b. Intermediate cell mass.
- c. Notochord.
- d. Ventral sclerotome.

Answer: a

25. The defective migration of neural crest cell results in:

- a. Congenital megacolon.
- b. Albinism.
- c. Adrenogenital hypoplasia.
- d. Dentinogenesis imperfecta.

Answer: c