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NEET PG 2023

QUESTION PAPER



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Question Paper

Pediatric

(Based on Memory Recall)

Q1. A child was brought with pedal edema and cheilosis. He was also found to have cardiomegaly. What is the probable vitamin deficiency?

A) Thiamine
B) Riboflavin
C) Pyridoxine
D) Niacin

Correct answer : A

Q2. Diarrhea, dementia and dermatitis are caused by the deficiency of ?

A) Biotin
B) Niacin
C) Thiamine
D) Riboflavin

Correct answer : B

Q3. Peri oral rash with delayed wound healing is seen in deficiency of :

A) Vitamin C
B) Zinc
C) Vitamin D
D) Thiamine

Correct answer : B

Q4. A 2 year old child is brought with complaints of scalp scales and dermatitis. Mother gives history of consumption of raw egg daily. Deficiency of which vitamin causes this condition?

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A) Biotin
B) Riboflavin
C) Zinc
D) Pyridoxine

Correct answer : D

Q5. A 6 year old boy came in with a complaint of muscular pain involving the calf, fatigue and limited ability to exercise. What could be the probable diagnosis?

A) Mc Ardle disease
B) Gaucher disease
C) Both are correct
D) None of the above

Correct answer : A

Q6. A child was brought with mental retardation. He had cherry red spot with no organomegaly. What is the probable diagnosis?

A) Tay sach disease
B) Gaucher disease
C) Niemann pick disease
D) Hurler disease

Correct answer : A

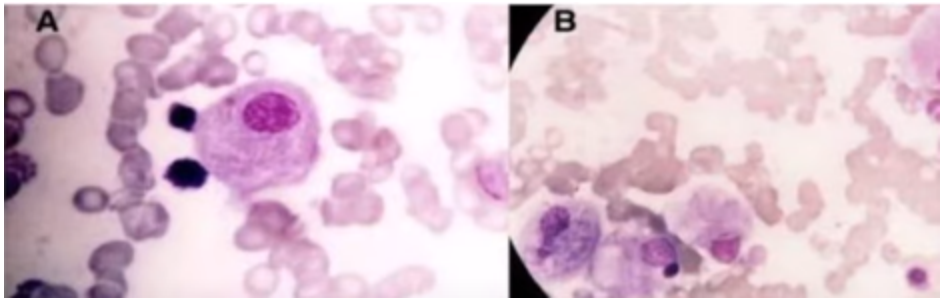
Q7. Black urine in infants is caused by

A) Homocysteinemia
B) Alkaptonuria
C) Phenylketonuria
D) None of the above

Correct answer : B

Q8. Images of bone marrow aspiration (A) and peripheral smear (B) from a child with pancytopenia showed the following picture. Which enzyme is deficient in this condition?

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A) Glucose 6 phosphatase
B) Glucocerebrosidase
C) Hexosaminidase
D) Alpha galactosidase

Correct answer : B

Q9. A neonate had heart defect (PDA) and cataract with hearing loss. What is the probable diagnosis?

A) Congenital cmv
B) Congenital rubella
C) Congenital toxoplasmosis
D) Congenital syphilis

Correct answer : B

Q10. A baby weighing 1 kg was born at 36 week gestation to a 23 year old female. This baby had petechiae, hepatosplenomegaly and Periventricular calcifications were seen on CT head. These features are seen in which of the following Continental infections?

A) CMV
B) Toxoplasmosis
C) Rubella
D) Syphilis

Correct answer : A

Q11. A child had fever with rash, cough and coryza.The doctor also noticed koplik spots in the child, what is the probable diagnosis?

A) Rubella
B) Measles
C) Mumps
D) Varicella

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Correct answer : B

Q12. Which of the following vaccines do you recommend for a 10 year old school child according to the National immunization schedule?

A) Typhoid
B) Td
C) Chickenpox
D) Rabies

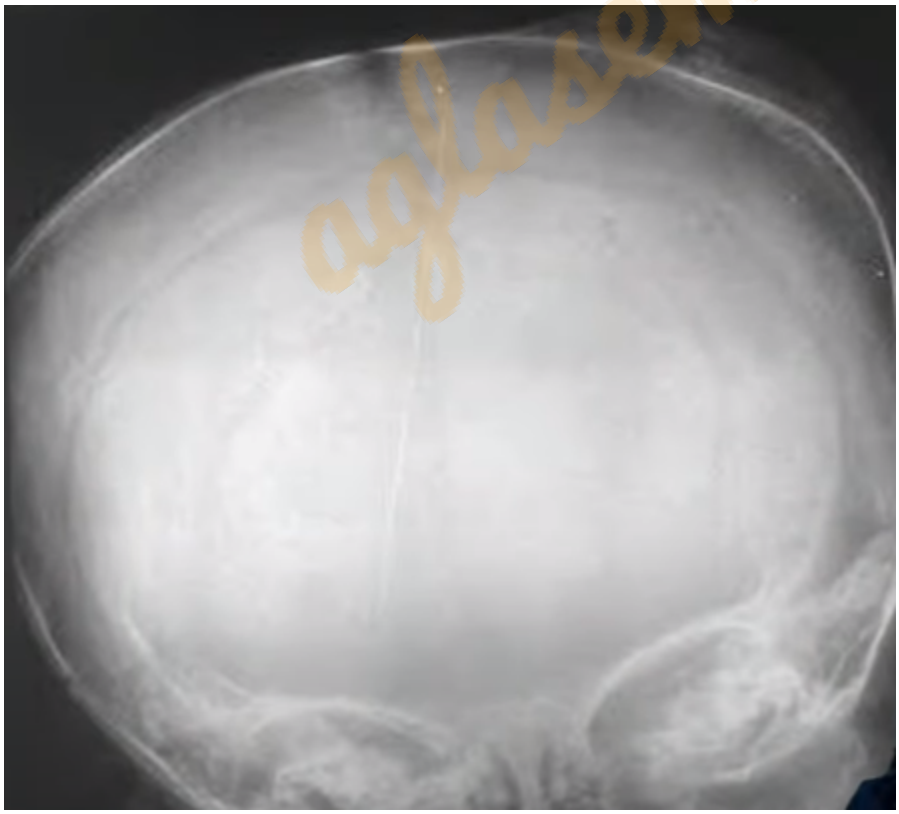
Correct answer : B

Q13. Best sign of adequate infant growth in an infant with 2.8 kg birth weight?

A) Weight gain of 300 gram per month till 1 year
B) Increase in length of 25 cm in a first year
C) Anterior fontanelle closure by 6 month
D) Weight under 75th percentile and length under 75th percentile

Correct answer : B

Q14. A 2 month old child was brought to the OPD with swelling over the scalp since birth, what is the diagnosis ?



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A) Caput succedaneum
B) Encephalocele
C) Cephalhematoma
D) Subgaleal hemorrhage

Correct answer : C

Q15. A Preterm newborn is found to have respiratory distress at birth. The most probable reason for this is?

A) Increased compliance and surface tension
B) Decreased compliance and surface tension
C) Decrease compliance and increased surface tension
D) Increased compliance and decreased surface tension

Correct answer : C

Q16. A Preterm baby with respiratory distress is found to have ground glass opacity of lungs on chest X-ray. What is deficient in this baby ?

A) Lecithin
B) Sphingomyelin
C) Dipalmitoyl ethanolamine
D) None of these

Correct answer : A

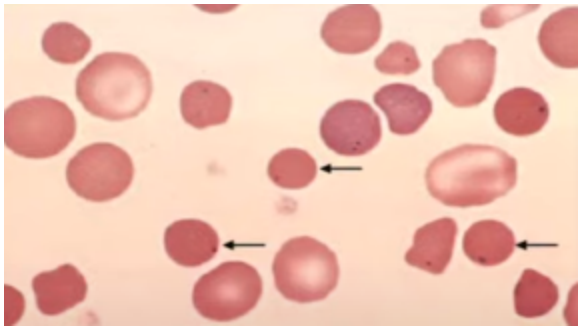
Q17. A 3 month old baby was brought with jaundice and clay colored stools . The baby was found to have conjugated hyperbilirubinemia and peri ductular proliferation on liver biopsy. What is the probable diagnosis ?

A) Crigler Najjar syndrome
B) Dubin johnson syndrome
C) Rotor syndrome
D) Biliary atresia

Correct answer : D

Q18. A 4 year old child was brought with an episode of icterus and pallor. What is the probable diagnosis and the investigation done for the same ?

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A) Autoimmune hemolytic anemia, direct coombs
B) Autoimmune hemolytic anemia
C) Hereditary Spherocytosis, osmotic fragility test
D) None of these

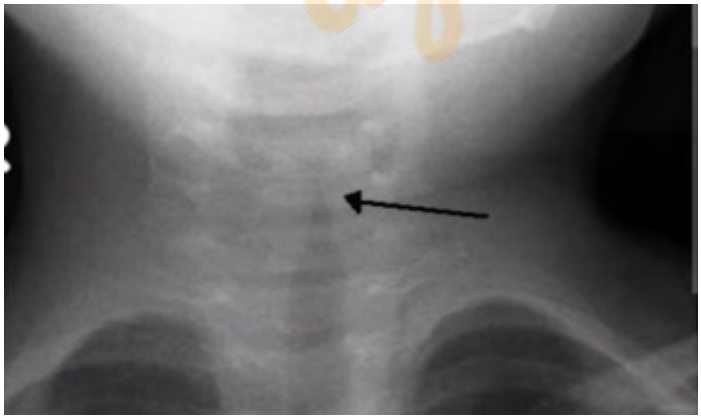
Correct answer : C

Q19. A 10 year old boy presented with a complaint of recurrent bleeding . There was also a past history of joint pains. There is no mucosal bleeding. Which coagulation factor deficiency can be responsible ?

A) Factor 8 & 9
B) Factor 3 & 4
C) Vwf
D) Lupus anticoagulant

Correct answer : A

Q20. A child was brought with fever and stridor. The X-ray of neck showed this picture. The probable diagnosis is ?



A) Acute Epiglottitis
B) Acute laryngotracheobronchitis
C) Foreign body aspiration

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D) Laryngomalacia

Correct answer : B

Q21. Chloride level is tested in which disease?

A) Cystic fibrosis
B) Gaucher's disease
C) Both are correct
D) None of the above

Correct answer : A

Q22. A 10 year child presented with tachypnea and several dehydration. He had a random blood glucose of 550 mg/dl, urine glucose 3+, the blood gas showed pH 7.1, bicarb of 7 mmol/ liter. What is the appropriate management ?

A) Stabilize, NS 10 ml/kg followed by insulin 0.1 U/kg/hr
B) Stabilize, NS 10 ml/kg followed by insulin 02. U/kg/hr
C) Stabilize, NS 20 ml/kg followed by insulin 01. U/kg/hr
D) Stabilize, NS 20 ml/kg followed by insulin 0.2 U/kg/hr

Correct answer : A

Q23. Gum bleeding in Scurvy is due to?

A) Defect in collagen synthesis
B) Defect with hyper deficiency
C) Both are correct
D) None of these

Correct answer : A

Q24. A child was brought with some Bony deformities as shown in the given picture, this is caused by the deficiency of :

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A) Vitamin A
B) Vitamin D
C) Vitamin C
D) Vitamin K

Correct answer : B

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