NEET PG 2022

Question Paper

Pediatrics

(Based on Memory Recall)

Q1. An infant is admitted to ICU with complaints of recurrent jerky movements of the limbs. EEG showed hypsarrhythmia. Which will be the antiepileptic drug of choice?

a. Inj ACTH

b. Levetiracetam

c. Phenytoin

d. Phenobarbitone

Q2. Which vitamin deficiency gives rise to the following picture?



a. Vitamin A

b. Vitamin B

c. Vitamin C

d. Vitamin E

Q3. A mother reported that her baby did not pass urine on post natal day 1. What will the next step?

a. Start IV hydration

b. Shift to NICU and investigate

c. Continue Breastfeeding and observe

d. Start formula milk

Q4. Regarding High risk infants, which of the following are correct?

i. Weight 2.5 kg

ii. Birth order >3

docs.aglasem.com

iii. Single parent
iv. Artificial feeding
v. Birth weight < 85 percentile
a. iii &iv
b. i and ii
c. i, ii and iii
d. ii, iv and v

Q 5. Multiple fractures detected in antenatal ultrasound scan. What could be the diagnosis ?
a. Achondroplasia
b. Osteogenesis imperfecta
c. Marfan syndrome
d. Cretinism

Q6. Which of the following diseases has autosomal recessive Inheritance?
a. Osteogenesis imperfecta
b. Treacher collin syndrome
c. Achondroplasia
d. Cystic fibrosis

Q7. A child with Exercise fatigue presented to OPD. The features were suggestive of Mcardle disease. Which of the following enzyme will be' deficient in this?
A. Myo-Phosphorylase
B. Glucose 6 Phosphatase
C. Lysosomal Glucosidase
D. Phosphofructokinase

Q 8. A child presented with hepatosplenomegaly, Mental retardation and bone pains. Bone marrow biopsy showed 'crumpled paper' appearance. Which enzyme is deficient in this child?
a. Glucocerebrosidase
b. Glucose 6 phosphatase
c. Hexosaminidase
d. Beta galactosidase

Q9. A 8 year old male child, presented to OPD with purpura over lower limbs and buttocks. He also reported having arthralgia and abdominal pain. There was a previous history of URTI. What is the treatment option?
A. Cyclosporine
B. Azathioprine

docs.aglasem.com

C. Glucocorticoid
D. Methotrexate

Q 10. A 4 month child of an HIV positive mother presents with recurrent diarrhea. What will be your next investigation?
a. Check for giardiasis.
b. Check for HIV p24
c. Stop breast feed and start HAART in baby
d. HIV RNA PCR on DBS

Q 11. Pentavalent vaccine and MR vaccine vials were open, and cold chain was maintained, and vaccines were not expired. What will you do with these opened vaccine vials?
a. Discard both
b. Discard pentavalent, use MR
c. Discard MR and use pentavalent
d. Use both MR and Pentavalent

Q 12. A 11 year old girl presented with sore throat and streptococcal infection 20 days ago followed by fever, arthralgia and elevated ESR. There is no evidence of carditis or residual heart disease. What is the correct option with regard to prophylaxis?
a. Single injection of Benzathine Penicillin 6,00,000 units IM
b. Three weekly injections of Benzathine Penicillin 6,00,000 units for 5 years or till 18 years of age, whichever is later
c. Three weekly injections of Benzathine Penicillin 6,00,000 units for 10 years or till 21 years of age, whichever is later
d. Three weekly injections of Benzathine Penicillin 6,00,000 units life long

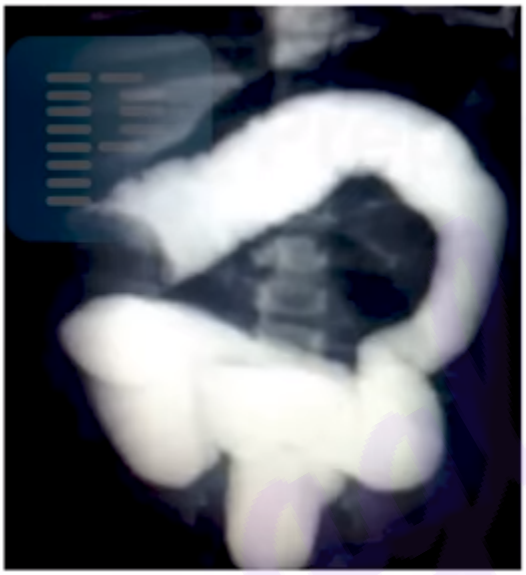
Q 13. A6 year male with a history of recurrent blood transfusions-presented with pain in hands and feet. Hb HPLC shows increased HbF, HbA2 and a peak is seen in the S window. What is the diagnosis?
a. Beta thalassemia
b. Autoimmune Hemolytic Anemia
c. Sickle Cell Anemia
d. Anemia of chronic disease

docs.aglasem.com
aglasem.com

Q14. A neonate was found to have TSH > 100 U/L on day 4 of life. USG shows eutopic thyroid gland. What should be the next investigation?

a. Urinary iodine concentration
b. TRAD
c. Thyroid nuclear scan
d. ..

Q15. A 11 month old baby was brought with a history of incessant crying. On examination a tender mass was palpable in the right lumbar region. An image of the barium enema study that was done is shown below. What is the diagnosis?



a. Duodenal atresia
b. Volvulus
c. Intussusception
d. Pyloric Stenosis

Q 16. A 12 year old male presents with bloating, recurrent loose stools and features of malabsorption. His HLA DQ2 is positive. What should be the best management?

a. Low lactose diet
b. High lactose diet
c. Gluten free diet
d. ..

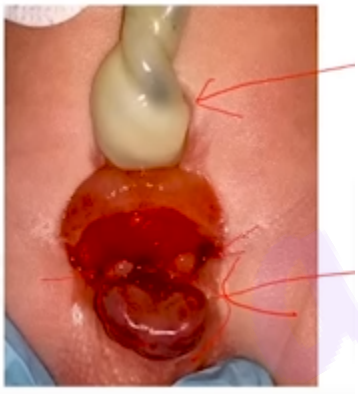
Q 17. A child presented to OPD with multiple episodes of loose stools and repeated vomitings. He was lethargic and not able to drink breast milk. Skin pinch was going back very slowly. Which grade of dehydration the child has?

docs.aglasem.com

a. Mild
b. Moderate
c. **Severe**
d. None of the above

Q 18. A 2 year old, premorbidly normal, well thriving child presented with sudden onset breathing difficulty while playing. Chest X ray of this child shows right sided hyperinflation with normal left lung. Which of the following statements is true regarding this case?
a. The child has developed acute laryngotracheobronchitis
b. Focal area of decreased air entry will be suggestive of foreign body
c. In complete obstruction, ball valve mechanism leads to such condition.
d. Flexible Bronchoscopic removal is the management of choice

Q 19. Identify this abnormality seen in a newborn baby:



a. Omphalocele
b. Gastroschisis
c. Urinary bladder exstrophy
d. Patent vitello-intestinal duct

Q 20. A child with a history of recurrent UTI presented to OPD. X ray finding is given. What is the probable diagnosis?
a. Vesico Ureteric Reflux
b. Bladder Diverticulum
c. Ectopic kidney
d. Vesico-colic fistula

docs.aglasem.com