INICET

Question Paper



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INI CET 2022 (Nov)

Question Paper

Paediatrics

(Based on Memory Recall)

Q1. Handedness is seen at the age of ?

A) 1 yr
B) 2 yrs
C) 3 yrs
D) 4 yrs

Correct answer : C

Q2. Alternate procedure for height measurement in a 5 year old child?

A) Arm span
B) CRL
C) HC
D) Knee height

Correct answer : A

Q3. Which of the following conditions increase the risk of recurrence of fabrile seizures?

1. **Age < 1 yr**
2. **Temp. 38-39 degree celsius**
3. **Duration of fever < 24 hrs**
4. **Duration of fever > 48 hrs**

A) 1,2,3
B) 1,2,4
C) 1,4
D) 1,3,4

Correct answer : A

Q4. Regarding hCMV, which of the following is true?

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A) CMV is the most common cause of non - syndromic SNHL in children
B) 30-40% are asymptomatic at birth
C) Diagnosis by urine specimen after 4 weeks of age
D) In developing countries, major cause of congenital infection is primary CMV infection of mother

Correct answer : A

Q5. The parents notice that the child is tired and notice that he feels shortness of breath when climbing stairs and in Supine position. First investigation that you would be

A) Chest X ray
B) MRI to r/o enlarged heart
C) Spirometry
D) Echo

Correct answer : D

Q6. A child comes with acute exacerbation of asthma, which of the following would you do :

A) CXR
B) Oxygen
C) Salbutamol nebulisation 3 times in 60 minutes
D) Oral corticosteroids

Correct answer : B,C,D

Q7. Regarding UTI in children which of the following is true:

A) Most common cause is strep pneumoniae.
B) Bowel bladder dysfunction increases the risk of recurrence.
C) USG KUB should be done in all children with UTI
D) MCU done in children with recurrent UTI.

Correct answer : B,C,D

Q8. Most common gene mutation in cystic fibrosis is related to?

A) Phenylalanine at 508 position; Cl channel
B) Phenylalanine at 708 position; Ca channel
C) Tryptophan at 708 position; Cl channel
D) Tryptophan at 508 position; Ca channel

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Correct answer : A

Q9. Which of the following cyanotic HD has increased pulmonary blood flow:

1. **Ebstein anomaly**
2. **Tetralogy of Fallot**
3. **TGA**
4. **TAPVC**

A) 1,2
B) 1,4
C) 3,4
D) 2,4

Correct answer : C

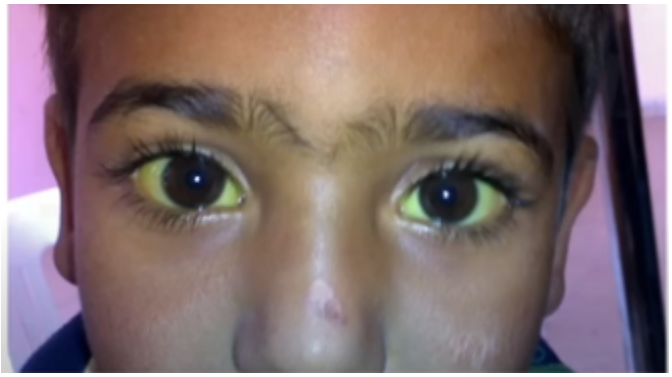
Q10. Which of the following is true regarding hemophilia A?

1. **It is an act link recessive disease**
2. **Seen more in males**
3. **Associated with factor 8 deficiency**
4. **Mucosal bleeding is present**

A) 1,2,4
B) 1,2,3,4
C) 1,2,3
D) 1,3

Correct answer : C

Q11. A 11 year old boy was brought to the OPD with tremors and poor scholastic performance. His sisters have similar complaints. On examination hepatomegaly is seen. The eye finding has been shown in the image, what is the probable diagnosis



A) Glutaric aciduria

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B) Huntington's chorea
C) Hepatitis A
D) Wilson disease

Correct answer : D

Q12. 11 year child acute rheumatic fever and no cardiac pathology. Duration of penicillin prophylaxis?

A) 5 yrs
B) 10 yrs
C) 20 yrs
D) 40 yrs

Correct answer : A

Q13. True about the tape in the given image:



A) Name is shelter's take
B) Used to assess SAM
C) Reading of 13.5 to 14.5 cm is considered undernourished
D) Useful for frontline field workers

Correct answer : B,C

Q14. Steps in management of a child with status epilepticus?

A) Airway and breathing
B) IV lorazepam
C) Midazolam, propofol, thiopentone
D) IV fosphenytoin

Correct answer : A-B-D-C

Q15. In a child with a long standing history of beta Thalassemia and requiring multiple blood transfusion, which is the best method to detect iron overload?

A) NTBI
B) Liver iron concentration
C) Serum ferritin
D) MRI T2 myocardium

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Correct answer : B

Q16. In a child presenting with splenomegaly and hemolytic facies, investigations to be done?

A) HPLC
B) PT, APTT
C) Bone Marrow aspiration
D) Peripheral blood smear

Correct answer : A,D

Q17. Hormone that does not play a role in growth of fetus?

A) GH
B) Insulin
C) Thyroid
D) Glucocorticoid

Correct answer : A

Q18. Pediatric patient with B cell leukemia, poor prognostic factors include:

A) Hyperploidy
B) Age less than one year
C) t(9,22)
D) t(4,11)

Correct answer : B,C,D

Q19. An 18 month old child with choking. Examination reveals decreased air entry in the left lung, management included?

A) CXR
B) CT chest
C) Bronchoscopy
D) ICD insertion

Correct answer : A, C

Q20. A child with exacerbation of bronchial asthma, what will you do next?

A) X ray

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B) Start oxygen
C) Start prednisolone
D) Salbutamol inhalation

Correct answer : B,C,D

Q21. Central cyanotic heart disease with a boot shaped heart of X Ray?



A) TOF
B) TAPVC
C) TGA
D) None of the above

Correct answer : A

Q22. What all is needed in a newborn iv cannulation among the following:

a. 22 gauge needle
b. 24 gauge needle
c. 5 ml syringe
d. Normal saline
e. Adhesive tape

A) Acde
B) Ae
C) Bcde
D) be

Correct answer : C

Q23. Chances of febrile seizure increases in

A) Age < 1 yrs
B) Fever < 24 hrs
C) Fever > 24 hrs
D) None of the above

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Correct answer : A,B

Q24. Order of Investigation in alter less than 3 years old with UTI (probable due to VUR)

A. USG
B. MCU
C. DMSA

A) ABD
B) BCA
C) ACB
D) CBA

Correct answer : C

Q25. A 10 years old boy presented with fatigue and joint pain. He has a rash as shown in the picture. What is your diagnosis?



A) Juvenile RA
B) Juvenile Dermatomyositis
C) Osteoarthritis
D) Sclerodactyly

Correct answer : B

Q26. Assertion: Mousy odor is seen in phenylketonuria
Reason ; Decrease in tyrosine, dopamine, noradrenaline

A) Both Assertion and reasoning are correct
B) Both Assertion and reasoning are incorrect
C) Assertion is correct but reasoning is incorrect
D) Reasoning is correct but assertion is incorrect

Correct answer : C

Q27. Blisters and ulcers are seen in:

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A) Hand, foot, mouth disease
B) Kyasanur Forest Disease
C) Zika virus:
D) Erythema infectiosum

Correct answer : A

Q28. A child presented with decrease pulse in lower limb and delay as compared to pulse felt Upper limb, What con ke the underlying condition?

A) Transposition of great arteries
B) Ventricular septal defect
C) Tetralogy of Fallot
D) Coarctation of Aorta

Correct answer : D

Q29. Increased pulmonary blood flow is seen in which of the following congenital heart diseases?

A) Tetralogy of Fallot
B) Ebstelin anomaly
C) Transposition of Great arteries + Ventricular Septal Defect
D) Tricuspid atresia

Correct answer : C

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