

## M.B.B.S. FINAL PROF. PART-II EXAMINATION, JUNE - 2020

## PAEDIATRICS

[Time allotted: Three hours]

Set - A

[Max Marks: 40]

Q. 1. Multiple choice questions (Darken the single best response in OMR sheet. Time allotted 20 minutes) ( $\frac{1}{2} \times 16 = 08$ )

1. Rice water stool is characteristic of:
  - a. Enteric infection
  - b. Cholera
  - c. Polio
  - d. Malaria
2. All milk teeth are erupted by:
  - a. 1 year
  - b. 1.5 years
  - c. 2 years
  - d. 3 years
3. Normal heart rate at birth is:
  - a. 100 to 120
  - b. 120 to 160
  - c. 160 to 180
  - d. Is always less than 100
4. Sitting height is equal to:
  - a. Length
  - b. Head circumference
  - c. Crown rump length
  - d. Upper segment
5. Breastfeeding is relatively contraindicated if mother is taking:
  - a. Broad spectrum antibiotics
  - b. Propranolol
  - c. Insulin
  - d. Sulphonyl ureas
6. Earliest sign of rickets is:
  - a. Harison's groove/sulcus
  - b. Bowlegs
  - c. Craniotabes
  - d. Rickety rosary
7. Normal newborn temperature is:
  - a. 36.5 - 37.00 °C
  - b. 36.5 - 37.05 °C
  - c. 36.5 - 38.00 °C
  - d. 36.5 - 37.50 °C
8. DPT vaccine should be stored at the temperature of:
  - a. -200 °C
  - b. 00 °C
  - c. 4 - 80 °C
  - d. 200 °C
9. DPT vaccine should be given in children under 1 yr of age in:
  - a. Lateral aspect of upper arm
  - b. Medial aspect of thigh
  - c. Lateral aspect of thigh
  - d. Upper outer quadrant of gluteal region
10. Muscular rigidity, locked jaw, risus sardonicus and opisthotonus are found in:
  - a. Meningitis
  - b. Dengue
  - c. Tetanus
  - d. Malaria
11. Test to find out immunization against diphtheria:
  - a. Mantoux test
  - b. Schick test
  - c. Widal test
  - d. Dick test
12. Hormone for expression of milk from mammary glands:
  - a. Oxytocin
  - b. Estrogen
  - c. Prolactin
  - d. Progesterone
13. Fetal circulation consists of:
  - a. Arteries carrying oxygenated blood to the fetus
  - b. Veins carrying deoxygenated blood to the fetus
  - c. Veins carrying oxygenated blood to the fetus
  - d. Arteries carrying oxygenated and deoxygenated blood to the fetus
14. The maximum levels of serum bilirubin in physiological jaundice in term neonate is:
  - a. 12 mg%
  - b. 15 mg%
  - c. 18 mg%
  - d. 20 mg%
15. Hemophilia B is due to deficiency of factor:
  - a. X
  - b. IX
  - c. VII
  - d. VIII
16. Horse shoe kidney is more prone to develop:
  - a. Neuroblastoma
  - b. Wilm's tumour
  - c. Pheochromocytom
  - d. Retinoblastoma

**PAEDIATRICS**

**Note:** Attempt all questions.  
Draw suitable diagrams (wherever necessary)

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- Q. 2. Give reasons why:** (1 x 4 = 04)
- Exclusive breast feeding is given up to six months
  - Pencillin prophylaxis is a must in rheumatic fever
  - Anti D immunoglobulin is to be given immediately to Rh –ve mother, if her baby is Rh+
  - Phototherapy is contraindicated in direct neonatal hyperbilirubinaemia
- Q. 3. Problem based question:** (1 x 4 = 04)
- 5 years old male child presents with "brown urine". Two weeks ago he had 2 days of fever and a sore throat, but he improved spontaneously and has been well since. Examination reveals active, non-toxic a febrile, slightly puffiness of eyes and blood pressure 140/90 mm of Hg. Urine examination shows specific gravity 1.030, RBCs, 1+ protein and red blood cell casts.
- What is the most likely cause of hematuria in this child?
  - What laboratory tests would support this diagnosis?
  - What will be the treatment of this child?
  - What is the prognosis of this disease?
- Q. 4. Write short notes on:** (2 x 4 = 08)
- Breath holding spell
  - Febrile seizure
  - Measles vaccine
  - Early onset neonatal sepsis
- Q. 5. Structured question:**
- (i) Discuss the clinical features, lab investigation and treatment of tubercular meningitis in 5 year old child. (1+1+2 = 04)
- (ii) Discuss the etiology, diagnostic criteria with investigations and treatment of a case of 4 year old child with severe acute malnutrition as per WHO protocol. (1+1+2 = 04)
- Q. 6. Write in brief about:** (2 x 4 = 08)
- Peripheral blood smear picture of nutritional anaemia
  - Radiological features of rickets
  - Vitamin D metabolism
  - Milestones upto the age of 1 year