

Seat No \_\_\_\_\_

Enrollment No. \_\_\_\_\_

**PARUL UNIVERSITY**  
Faculty of Medicine  
M.B.B.S Examination, March - 2021

**Year 3 (Part 2)**  
**Subject Code: 19100407**  
**Subject Name: Paediatrics**

**Date: 25/03/2021**  
**Time: 10:00am to 12:00pm**  
**Total Marks: 40**

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**Instructions:**

1. Attempt each section in different answer sheets
2. Write legibly
3. Algorithms diagrams are encouraged
4. Section A will be collected in 15 minutes

**SECTION - A**

**Q.1 Short answer questions. (MCQ) 1 × 5**

**(05)**

1. Anthropometric measurement which doesn't show much change from 1 to 4 years of age-
  - A. Mid Arm circumference
  - B. Height
  - C. Skin Fold thickness
  - D. Chest circumference : Head circumference ratio
2. You are caring for a 14-year-old adolescent boy with **trisomy 21**. Which of the following tests is MOST appropriate to order on an annual basis, as part of the regular health supervision for this adolescent?
  - A. ECG
  - B. Thyroid function
  - C. Sleep oximetry
  - D. X-rays of the cervical spine
3. Of the following defects, which is not associated with Tetralogy of Fallot?
  - A. Over-riding dextraposed aorta
  - B. Atrial Septal Defect
  - C. Ventricular Septal Defect
  - D. Right Ventricular hypertrophy
4. Commonest cause of bacterial pneumonia in 5 year old children-
  - A. Staph Aureus
  - B. Strep. Pneumoniae
  - C. H.Influenzae
  - D. Streptococcus Pyogenes
5. What is the typical order of events in puberty for females?
  - A. Thelarche-adrenarche -growth spurt- menarche
  - B. Adrenarche -thelarche - growth spurt - menarche
  - C. Thelarche -adrenarche- menarche - growth spurt
  - D. Thelarche - growth spurt- adrenarche - menarche

**Q.2 Short answer questions (SAQ) (any 5 out of 6) 1 × 5**

**(05)**

1. Define SAM & MAM.
2. Define Acute Flaccid Paralysis (AFP).
3. What is the Head circumference of term baby at birth and its growth till 1 year of age?
4. What is MIS-C in relation to Covid-19.
5. Draw & Label radiological manifestation of Scurvy.
6. Composition of WHO ORS

**SECTION - B**

**Q.3 Long questions (any 1 out of 2) 1 × 7**

**(07)**

1. Describe etio- pathogenesis, clinical features, relevant investigations & management of first attack of Nephrotic syndrome. **(1+2+2+2)**
2. Clinical presentation of Sickle cell anemia, its complication & management. **(2+3+2)**

**Q.4 Write in brief (any 2 out of 3) 2 × 4**

**(08)**

1. Enumerate Acyanotic Congenital heart diseases in children. Describe clinical presentation and management of VSD. **(1+2+1)**
2. Define Persistent diarrhoea as per IMNCI. Describe etiology & management of dysentery. **(1+2+1)**
3. Describe clinical presentation of acute tonsilopharyngitis and management in a 4 year old child. **(2+2)**

**SECTION C**

**Q.5 Write short notes on (any 3 out of 4) 3 × 3**

**(09)**

1. Enumerate causes of respiratory distress in a 1 day old term newborn & its immediate management.
2. Define physiological jaundice and management of pathological jaundice in newborn.
3. Enumerate causes of neonatal seizures & management of neonatal hypoglycemic seizure.
4. Define Intra Uterine Growth Retardation (IUGR) & its complications.

**Q.6 Write notes on (any 2 out of 3) 2 × 3**

**(06)**

1. Febrile Convulsion
2. Temper tantrums.
3. Polio vaccines