

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[AHS 1123]

**NOVEMBER 2023**

**Sub. Code: 1612**

**B.Sc. PHYSICIAN ASSISTANT**

**SECOND YEAR (Regulations 2010-2011, 2014-2015 & 2019-2020 onwards)**

**PAPER II – PAEDIATRICS & GERIATRICS / CLINICAL MICROBIOLOGY**

*Q.P. Code: 801612*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Describe lifecycle of Plasmodium falciparum and write in detail about clinical features, diagnosis, treatment and complication of Plasmodium falciparum.
2. Discuss the causes, clinical features and management of Congestive Cardiac Failure.
3. Define Diarrhoea. Discuss the causative agents, investigations, complications and management of Acute Watery Diarrhoea in Children.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Hand Hygiene techniques.
2. Gaseous sterilization.
3. Milestones in infancy and childhood.
4. Advantages of breast feeding.
5. Bacterial growth curve.
6. Oral polio vaccine
7. Degenerative joint disease in elderly.
8. Clinical manifestation of Dengue fever.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Acquired immunity
2. ICDS programme
3. Nutritional Rickets
4. Treatment of iron deficiency anemia.
5. Genetic Counselling
6. Vaccines in old age.
7. Status epilepticus.
8. Antibiotic susceptibility testing
9. Candidiasis
10. Infantometer

\*\*\*\*\*