

**PG Degree Regular/Supplementary Examinations in Family Medicine
(MD) January 2025**

Paper IV – Community Medicine, Obstetrics and Gynaecology, Paediatrics and Recent advances

Time: 3 hrs

Max marks:100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Essay:

(20)

1. Master H, 3 years old is admitted with features of lower respiratory tract infection, he weighs 8kg and he weighed 2.8kg at birth. His height is 91 cm, at 10th centile for his age.
 - a) Based on above scenario what is the type of malnutrition. What is the classification of protein energy malnutrition
 - b) Describe the clinical features of each category of malnutrition
 - c) What are the complications of severe acute malnutrition
 - d) How would you manage a child with malnutrition in Family Practice and what are the indications for referral

(3+7+5+5)

Short Essays:

(8x10=80)

2. What is second stage of labour, explain steps in management of second stage of labour, complications of second stage of labour and their management.
3. Mrs. S primi at 8 weeks of gestation presents with few spots of vaginal bleed and dysuria. She has no fever or lower abdominal pain.
 - a) What are causes of vaginal bleed in first trimester
 - b) Explain the clinical features of types of miscarriage.
 - c) How would you manage threatened miscarriage in family practice
4. What are the physiological, hormonal and psychological changes associated with Menopause and write about the indications for Hormonal replacement therapy (6+4)
5. What are the diagnostic tools available for microbiological confirmation of Tuberculosis and explain about Nucleic acid amplification in detail.
6. Miss K 6 years presents with fever for 6 days and rash over her body for past few hours.
 - a) What are the differential diagnoses for children with fever and rash.
 - b) Explain management of Dengue fever in Children.
7. Explain the schedule for childhood vaccinations provided at primary health care centre from birth upto 5-years of age and to a mother and common complications associated with vaccinations.
8. What are the complications of obesity. What are the recent advances in management of Obesity.
9. The hospital you work has admitted few patients with confirmed NIPAH Virus-infection. What are the further steps needed in managing this disease from further spreading in the community
