Pediatric Nursing

Code: D235

Nursing College, Mitford, Dhaka
Diploma in Nursing Science & Midwifery
Test Examination of 2nd Year, October 2026

Time: 2 hours 40 minutes **Full Marks: 80**

Direction: Use separate script for each group. Each group carries equal value.

Group A

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. What are the renal diseases in children? What is the nursing management of nephrotic syndrome?
2. Describe the roles and responsibilities of a pediatric nurse.
3. What are sleep disorders? What are nightmares and night terrors?

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) Define growth and development.
   b) What are the milestones of development in a 12-month-old child?
2. a) How will you assess dehydration in diarrhea?
   b) What advice will you give for a child with diarrhea with no signs of dehydration?
3. a) Mention some congenital anomalies.
   b) What are the features of Down syndrome?
4. a) Define pneumonia.
   b) What is the nursing management of pneumonia in children?
5. a) Classify malnutrition.
   b) What are the complications of cleft lip and palate?
6. a) Define anemia.
   b) What are the causes of anemia in children?

Group B

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Write down the points which you have to notice during the general examination of a child.
2. What is ARI? Write down the nursing interventions for ARI.
3. What are the causes of convulsion in children? Write down the nursing management of febrile convulsion.

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) Define acute respiratory infection.
   b) Write down the prevention of ARI.
2. a) What are common child injuries?
   b) Write down the preventive measures of child injury.
3. a) Define autism.
   b) Mention the risk factors of autism.
4. a) What are the features of kwashiorkor?
   b) Write down the differences between marasmus and kwashiorkor.
5. a) Define tonsillitis.
   b) Write down the nursing care of acute tonsillitis in a child.
6. a) What are common dental problems?
   b) How will you prevent dental caries?

Community Health Nursing

Code: D234

Nursing College, Mitford, Dhaka
Diploma in Nursing Science & Midwifery
Test Examination of 2nd Year, October 2026

Time: 2 hours 40 minutes **Full Marks: 80**

Direction: Use separate script for each group. Each group carries equal value.

Group A

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) Define community health nursing.
   b) Write down the characteristics of community health nursing.
2. a) Define screening.
   b) Mention the objectives of screening.
3. a) Define health education.
   b) Mention the importance of health education.
4. a) Define primary health care.
   b) Write down the elements of primary health care.
5. a) What do you mean by communicable disease?
   b) List the common communicable diseases in Bangladesh.
6. a) Define housing.
   b) Write down the criteria of healthful housing.

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Discuss the techniques and steps of breast self-examination.
2. Describe the prevention and control measures of air pollution.
3. What do you mean by waste disposal? Explain the different methods of waste disposal.

Group B

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) Define family planning.
   b) Write down the merits and demerits of condoms.
2. a) Define epidemiology.
   b) Write down the uses of epidemiology.
3. a) Define physical and psychological violence.
   b) Write down the health education for school-going children.
4. a) Write down the purposes of health promotion.
   b) Mention the health promotion activities in our daily life.
5. a) Define occupational health.
   b) Write down the prevention of occupational health hazards.
6. a) Define disaster.
   b) Write down the common disasters that occur in Bangladesh.

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Describe the nurse's responsibilities for family health promotion.
2. Define prevention. Explain the levels of disease prevention.
3. Explain the Sustainable Development Goals (SDG).

Pharmacology

Code: D222

Nursing College, Mitford, Dhaka
Diploma in Nursing Science & Midwifery
Test Examination of 2nd Year, October 2026

Time: 2 hours 40 minutes **Full Marks: 80**

Direction: Use separate script for each group. Each group carries equal value.

Group A

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) What do you mean by pharmacodynamics?
   b) List the hazards of antimicrobial drug therapy.
2. a) Write down the different formulations of drugs.
   b) Mention the purposes of drug use.
3. a) Define essential drugs.
   b) Write down the selection criteria of essential drugs.
4. a) What is plasma half-life?
   b) Write down the clinical importance of plasma half-life.
5. a) Name some common analgesics.
   b) Mention the adverse effects of analgesics.
6. a) What is drug absorption?
   b) Mention the process of drug absorption.

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Explain the routes of drug administration. Write down the advantages and disadvantages of the I/V route.
2. Define drug (WHO definition). What are the differences between drug and medicine?
3. What do you mean by pharmacology? List the drugs prohibited during pregnancy and lactation.

Group B

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) Define vaccine.
   b) Mention the types of vaccines.
2. a) What do you mean by triple drug therapy?
   b) Write down the indications of antacids.
3. a) What is an anti-emetic drug?
   b) Mention the names of 05 anti-emetic drugs.
4. a) What is $MgSO_4$?
   b) Write down the adverse effects of $MgSO_4$.
5. a) Define diuretics.
   b) Mention the names of some commonly used diuretics.
6. a) Define bronchodilator.
   b) Write down the common bronchodilator drugs used in Bangladesh.

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Describe the current EPI schedule in Bangladesh.
2. What are the different types of hormonal contraceptives? Write down the indications and contraindications of oral contraceptive pills.
3. List the types of anti-parasitic drugs. Describe the adverse effects of anti-parasitic drugs.

Nutrition and Dietetics

Code: D223

Nursing College, Mitford, Dhaka
Diploma in Nursing Science & Midwifery
Test Examination of 2nd Year, October 2026

Time: 2 hours 40 minutes **Full Marks: 80**

Direction: Use separate script for each group. Each group carries equal value.

Group A

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) What is the recommended dietary allowance (RDA)?
   b) Why is recommended dietary allowance (RDA) important in nutrition?
2. a) What is a mineral?
   b) Mention the sources of minerals with examples.
3. a) What is an amino acid?
   b) Name the essential amino acids.
4. a) List the common sources of vitamin A.
   b) Write down the vitamin A deficiency disorders in Bangladesh.
5. a) Define nutrition.
   b) Write down the criteria of good nutrition.
6. a) Define balanced diet.
   b) State the criteria of balanced diet.

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Define protein. State the classification of protein. Describe the digestion and absorption of protein.
2. Define food. Write down the functions of food. Classify food according to predominant functions.
3. What is BMI? Mr. Z is a college-going boy. His weight is 67 kg and his height is 5 feet 7 inches. How will you assess his nutritional status by calculating his BMI?

Group B

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) Define weaning food.
   b) Write down the stages of weaning food.
2. a) Define carbohydrate.
   b) Classify carbohydrates with examples.
3. a) What do you mean by food preservation?
   b) Mention the methods of food preservation.
4. a) Define growth.
   b) What are the factors affecting growth and development?
5. a) Mention the sources of fat.
   b) State the absorption and utilization of fat.
6. a) Define diabetes mellitus.
   b) Write down the dietary advice for a patient with diabetes mellitus.

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Define malnutrition. Write down the differences between kwashiorkor and marasmus.
2. What is exclusive breast feeding? Briefly discuss the benefits of breast feeding.
3. What do you mean by goitre? How will you prevent nutritional goitre in Bangladesh?

Medical & Surgical Nursing

Code: D231

Nursing College, Mitford, Dhaka
Diploma in Nursing Science & Midwifery
Test Examination of 2nd Year, October 2026

Time: 2 hours 40 minutes **Full Marks: 80**

Direction: Use separate script for each group. Each group carries equal value.

Group A

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) Define holistic care.
   b) Write down the objectives and principles of holistic care.
2. a) Define general anaesthesia.
   b) Mention the post-operative complications of a spinal anaesthesia case.
3. a) Define dysmenorrhoea.
   b) Write down the causes and nursing care of dysmenorrhoea.
4. a) Define and classify stroke.
   b) Write down the causes and clinical features of stroke.
5. a) Define pain.
   b) Briefly discuss the methods of pain assessment.
6. a) What are the clinical features of dengue fever?
   b) Write down the causes and nursing care of a patient with dengue fever.

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Define pneumonia. Explain the medical and nursing management of a patient with pneumonia.
2. What is acute glomerulonephritis? Write down the causes and nursing management of acute glomerulonephritis.
3. Define cancer. Describe the risk factors and nursing management of a cancer patient.

Group B

Short Questions: *Answer any 04 (four) questions out of 06 (six).* **4×5 = 20**

1. a) Define appendicitis.
   b) Write down the surgical treatment of appendicitis.
2. a) What is heart failure?
   b) Write down the causes, signs and symptoms of heart failure.
3. a) Define and classify diabetes mellitus.
   b) Write down the causes of gestational diabetes mellitus.
4. a) Define cholelithiasis.
   b) Write down the causes of cholelithiasis.
5. a) Define and classify pancreatitis.
   b) Write down the clinical features and complications of pancreatitis.
6. a) What do you mean by HIV and AIDS?
   b) Write down the routes of transmission and preventive measures of HIV and AIDS.

Essay Questions: *Answer any 02 (two) questions out of 03 (three).* **2×10 = 20**

1. Define a surgical nurse. Describe the responsibilities of a surgical nurse.
2. Define and classify burns. Explain the nursing management and complications of burns.
3. What are UTI and UTO? Discuss the causes, clinical features and medical management of UTI.