B.Sc. Nursing Fourth Semester Feb.- March Examination-2026 **Code/N/166**

Subject – Pharmacology, Pathology (I & II) and Genetics

[Time: 03:00 Hrs.] [Max. Marks: 75]

Sec- A (Pharmacology) (Marks :38)

1. List out the following drugs name - (5x2=10)
   (a) Drug toxic to Kidney (b) Hypnotics and sedatives (c) Mood stabilizers
   (d) Anti convulsants (e) Anti depressants
2. Write short notes on – (5x3=15)
   (a) IV Fluids and electrolytes replacement.
   (b) Vaginal contraceptives.
   (c) Non steroidal anti inflammatory drugs (NSAID).
3. Define ATT, write the ATT regimen as per National Eradication Programme and state the role of nurse in it. (5)
4. Match the column 'A' with column 'B' (2x4=8)

A	B
(A) Lasix	Anaemia
(B) Xylocaine	Loop diuretic
(C) Purgatives	Anaesthetic agents
(D) Haematinics	Cathartics

Sec- B (Pathology) (Marks :25)

1. Write short notes on pathological changes of the following conditions (any 3) (3x5=15)
   (a) Carcinoma of the Breast
   (b) Fibroadenoma
   (c) Encephalitis
   (d) Renal failure
2. Define the following - (5x1= 5)
   (a) Stroke (b) Cystitis (c) Cryptorchidism (d) Cyst (e) Renal calculi
3. Fill in the blanks- (5x1= 5)
   (a) Removal of cells or tissue for pathological examination is called _____
   (b) An abnormal collection of fluid in body spaces is called _____
   (c) Independently growing mass of cell is known as _____
   (d) Melignant proliferation of connective tissue cell is _____
   (e) Father of modern pathology is _____

Sec- C (Genetics) (Marks :12)

1. Write short notes on the following (Any 2) (5x2=10)
   (a) Genetic hemochromatosis (b) Genetic testing to the neonates and children
   (c) Gene therapy
2. Define the following (Any 2) (1x2= 2)
   (a) Mental illness. (b) Infertility (c) Trisomy 21