

Second Year B.Sc. (Nursing) Examination

Pharmacology, Pathology & Genetics

Date : 09-08-2017, Wednesday]

Time : 3 Hours]

[Max. Marks : 75

- Instructions :
- (1) Answer to the point.
 - (2) Figure to the right indicate marks
 - (3) Write legibly.
 - (4) Draw diagrams wherever necessary.
 - (5) Use separate answer books for each section.

SECTION I

Q. 1. Define the following.

(1x6=6 marks)

- a. Biotransformation
- b. Hypnotic drug
- c. Chelating agents
- d. Teratogenicity
- e. Bioavailability
- f. Chemotherapy

Q. 2. Write short notes on (ANY THREE)

(4x3=12 Marks)

- a. Advantages and disadvantages of oral route of drug administration
- b. Intravenous anaesthetic agents
- c. Oral contraceptive pills
- d. Drug treatment of Iron deficiency anemia
- e. Antihistaminic agents
- f. Drug treatment of organophosphate poisoning

Q. 3. Write the mechanism of action, indications, adverse effects, and nursing responsibilities of following drugs. (ANY FOUR)

(5x4=20 Marks)

- a. Furosemide
- b. Insulin
- c. Adrenaline
- d. Artemisinin
- e. Heparin
- f. Metronidazole

SECTION II

Q4 Definition :

(a) Metaplasia (b) Bronchitis (c) Thrombosis (d) Endometriosis (e) Edema

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Q5 Write note on following (any four) :

- (a) Ischemic heart disease
- (b) Pneumonia
- (c) Acute inflammation
- (d) Urine examination
- (e) Jaundice

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Q6 Answer the following (any three) :

- (a) Karyotyping
- (b) Role of nurse in genetic counselling
- (c) Down's syndrome
- (d) Mutation

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