



RB-1523
Second Year D. Pharm. Examination
April / May – 2010
Pharmaceutical Chemistry - II

Time : 3 Hours]

[Total Marks : 100

RB-1523

Instructions :

(1)

<p>नीचे दशांशवैल निशानीवाणी विगतो उत्तरवही पर अवश्य लखवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : S. Y. D. Pharm.</p> <p>Name of the Subject : Pharmaceutical Chemistry - 2</p> <p>Subject Code No. : 1 5 2 3 Section No. (1, 2,.....): 1&2</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; height: 80px; display: flex; align-items: center; justify-content: center; margin-top: 20px;"><p>Student's Signature</p></div>
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- (2) Answer each section in a **separate** answer book.
- (3) Tie and submit each section **separately**
- (4) Attempt any **four** questions from each section
- (5) Each question carries **ten** marks.

SECTION - I

- 1 Write structure and method of numbering of following hetero cyclic systems :
 - (a) Nortropane
 - (b) Quinoline
 - (c) Phenothiazine
 - (d) Xanthene
 - (e) Indale.
- 2 Write classification giving structures from each class of following category of drugs, also give their clinical indications:
 - (a) Diuretics
 - (b) Opioids.
- 3 Write short notes on followings:
 - (1) Antithyroid drugs
 - (2) Antidiabetic drugs
 - (3) Cotrimoxazole
 - (4) Antifungals.
- 4 Give uses and dosage form of following.
 - (1) Amyl nitrite
 - (2) Quinidine
 - (3) Clofibrate
 - (4) Lignocaine
 - (5) Amphetamine.

- 5 Give brief account on Sulphanomide.
- 6 Attempt followings :
- (1) Write in brief about Psychoactive drugs
 - (2) Classify sympathomimetics giving structure of a drug from each class.

SECTION - II

- 7 Give structure and chemical name of followings:
- (1) Phenformin
 - (2) Levodopa
 - (3) Ampicillin
 - (4) Chlorpromazine
 - (5) Ethinyl oestradiol.
- 8 Classify following category of drugs giving suitable structures :
- (1) Sympathomimetics
 - (2) Antiepileptics.
- 9 Write short notes on followings:
- (1) Cardiotonics
 - (2) Anticoagulants
 - (3) Thyroid hormones
 - (4) Oral hypoglycemics.
- 10 Give name, structure and dosage form of drugs used in followings:
- (1) Headache
 - (2) Pyorrhoea
 - (3) Teniasis
 - (4) Allergic dermatitis.
- 11 Give uses and dosage forms of followings:
- (1) Hydrocortisone
 - (2) Acetazolamide
 - (3) Chlorphenicol
 - (4) Metronidazole
 - (5) Chlorpheniramine.
- 12 Give brief account on drugs used in hypertension.
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