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Sub. Code: 4260

(LD 4260)

SECOND YEAR B.PHARM. EXAM

PAPER V – PHARMACY PRACTICE AND PATHOPHYSIOLOGY

Q.P. Code: 564260

Time: Three Hours

Maximum: 100 marks

Answer Section A and B in SEPARATE Answer Book.

SECTION A

(PHARMACY PRACTICE)

I. Elaborate on: (1X20=20)

1. (a). Define prescription. Explain the parts of prescription with a model prescription.
(b) Define posology. Explain the various factors which determine the dose(s) of drugs(s).

II. Write notes on: (4X5=20)

1. Handling of prescription.
2. How will you prepare 200ml of 60 percent alcohol from 90 percent and 50 percent alcohols.
3. Convert 18° UP and 20° OP into percentage of alcohol.
4. Add a note on various child dose calculation formulas.

III. Short Answers on: (5X2=10)

1. Supra-addition.
2. Agonist.
3. Absolute alcohol
4. Proof spirit
5. Lotions

**SECTION B
(PATHOPHYSIOLOGY)**

I. Elaborate on: (1X20=20)

1. Define diabetes. Discuss in detail the etiology, pathophysiology and management of diabetes.

II. Write notes on: (4X5=20)

1. Differentiate acute and chronic renal failure.
2. Types of congestive heart failure.
3. Types of urinary tract infections.
4. Pathophysiology of gout.

III. Short answers: (5X2=10)

1. Azotemia.
2. Suppuration.
3. Urolithiasis
4. Ejection fraction.
5. Podagra.



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