

(LI 128)

APRIL 2016

Sub. Code:2025

**M.D. DEGREE EXAMINATION  
BRANCH VI – PHARMACOLOGY**

**PAPER IV – APPLIED PHARMACOLOGY AND LAWS GOVERNING  
DRUG REGULATIONS**

*Q.P.Code: 202025*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Essay:**

**(2 x 10 = 20)**

1. Discuss briefly clinical issues and perspectives of pharmacotherapy in the elderly.
2. Describe the management of different types of shock.

**II. Short Questions:**

**(8 x 5 = 40)**

1. Narcotic drugs and psychotropic substances act.
2. New drug policy.
3. Immunostimulants.
4. Management of insomnia.
5. Heavy metal chelators.
6. Cadmium toxicity.
7. Drugs for acne.
8. Treatment of urinary tract infections.

**III. Reasoning Out:**

**(4 x 5 = 20)**

1. Cytoprotectants in cancer chemotherapy.
2. Hormone replacement in menopause.
3. Role of human immunoglobulins.
4. Resurgence of thalidomide.

**IV. Very Short Answers:**

**(10 x 2 = 20)**

1. Schedule J.
2. Orphan drug act.
3. Parenteral iron preparations.
4. Official compendia.
5. Stem cell therapy.
6. Treatment of ischemic stroke.
7. Nuremberg code.
8. Uses of magnesium.
9. Belmont report.
10. Xenobiotics.

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