

**Final Year B.Pharm Degree Examinations May 2018**

**Pharmacology - II**

**(2012 scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Classify non-steroidal anti –inflammatory drugs with suitable example. Describe the mechanism of action and adverse effects of aspirin
2. What are diuretics. Describe the mechanism of action, pharmacological action and therapeutic uses of furosemide.
3. Name the causative organism, symptoms and drugs used in the treatment of tuberculosis. Add a note on DOTS

**Short notes**

**(14x5=70)**

4. What is bioassay. Explain the bioassay of heparin sodium
5. Name the receptors present in the uterus and write a note on drugs acting as uterine relaxant
6. Explain the physiological role of vitamin B complex
7. What is the pharmacological role of serratiopeptidase in therapy.
8. Briefly explain various drugs/agents acting on skin pigments
9. Management of methanol poisoning
10. Classify anticancer agents with suitable examples
11. What are immune-suppressants. Classify and list its therapeutic uses.
12. What are vectors and mention various types of vectors. Explain non-viral vectors
13. Discuss different types of stem cells and their potential uses
14. What is the physiological and pathological role of free radicals.
15. What are local anesthetics and classify them with examples.
16. Explain multi drug resistance.
17. Informed consent.

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