

**Q.P. CODE: 505-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA - 8**  
**M.B.B.S. DEGREE EXAMINATION - FEBRUARY, 2017**  
**SECOND M.B.B.S. EXAMINATION**  
**PHARMACOLOGY**  
**PAPER-I**

Time: 3 Hours

Max. Marks: 40

**Answer all questions**

1) Define Biotransformation. Describe the different types of Biotransformation reactions with examples. 2+8=10

**WRITE SHORT NOTES ON:**

5 X 4 = 20

2) Mechanism of action and adverse effects of paracetamol

3) Mention Potassium sparing diuretics and their therapeutic uses

4) Mechanism of action and therapeutic uses of Lignocaine

5) Therapeutic uses and adverse effect of pethidine

6) Drug therapy of organophosphate compound poisoning

**WRITE BRIEFLY ON:**

5 X 2 = 10

7) Therapeutic uses of clonidine

8) Classify antiarrhythmic drugs and give one example under each class

9) Four therapeutic uses of Nitrates

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10) Mechanism of action and therapeutic uses of tamsulosin

11) Two advantages and two disadvantages of Ketamine

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