

[LD 527]

SUB CODE : 2145

M.D. (SIDHHA) DEGREE EXAMINATION – OCTOBER 2013

THIRD YEAR

BRANCH II – Gunapadam

PAPER III – APPLIED PHARMACOLOGY INCL. MEDICINAL
CHEMISTRY & BIOASSAY OF DRUGS

Q.P.Code : 322145

Time : 3 hours

Maximum : 100 marks

I. Long Essay:

(2x20=40)

1. Write a detailed account on thermal, clinical and mechanical stimuli used in the screening procedure of analgesics.
2. Discuss the various method of drug transfer through the biological barriers and factors affecting it.

II. Short Notes:

(10x6=60)

1. What is receptor? Classify according to transduction mechanism.
2. Write a brief account on MES induced convulsion.
3. Write a brief note on yeast induced pyrexia.
4. Write one screening method of local anesthetic.
5. Give a brief account on SO₂ induced cough.
6. Explain abnormal actions of drugs.
7. Give an account of 2 kidneys one clip method.
8. Write a note on adjuvant induced arthritis.
9. Write one screening model for Type-1 diabetis mellitus.
10. Write a note on ANOVA.
