

APRIL - 1992

[434]

M.D. (Siddha) DEGREE EXAMINATION, APRIL, 1992.

(Revised Regulations)

Branch — Maruthuvam

Second Year

**INTRODUCTION TO PHARMACOLOGY WITH
THERAPEUTIC EMPHASIS**

**(Also common to Branch I — Maruthuvam Second Year -
Old Regulations and Branch III and IV — First Year)**

Time : Three hours.

Maximum 100 marks.

Answer ALL questions.

1. Describe the general principles of screening of a drug. How will you evaluate a drug for its anti-pyretic effect ? (18 marks)

2. Write briefly on :

(a) Drug—antagonism.

(b) Biotransformation. (14 marks)

Write short notes on :

(a) Evaluation of a diuretic agent.

(b) Microbiological sensitive test.

(c) Anti-fungal agents. (18 marks)

4. Describe the methods employed to demonstrate the anti-histaminic action of a given drug. (18 marks)

5. Write briefly on :

(a) Treatment of bronchial asthma.

(b) Treatment of constipation. (14 marks)

6. Write short notes on :

(a) Anti-coagulants.

(b) Teratogenicity.

(c) Anti-fertility drugs. 18 marks)

APRIL - 1995

SB 347

M.D. (Siddha) DEGREE EXAMINATION

Second Year

Branch I MARUTHUVAM

**Paper II Introduction to Pharmacology with
Therapeutic Emphasis**

Time: Three hours

Max. Marks: 100

Answer All Questions

All questions carry equal marks

1. Classify antihistaminics with examples. Discuss the evaluation of anti-histaminics.
2. Write briefly on the methods of bio-assay.
3. Define and classify analgesics. Describe how they are evaluated.
4. What is Toxicity? Discuss its importance in pharmacotherapeutics.
5. Give a brief description of animal tests and discuss their limitations.

NOVEMBER - 1995

[MB 348]

M.D. (SIDDHA) DEGREE EXAMINATION.

Second Year

Branch I Maruthuvam

**Paper II – INTRODUCTION TO PHARMACOLOGY WITH
THERAPEUTIC EMPHASIS**

Time Three hours

Maximum 100 marks

Answer ALL questions.

- 1. How will you prove experimentally that a given drug has got local Anaesthetic property. (15)**
- 2. What are all the Toxicological tests you know for pre-clinical evaluation of drug. (20)**

Write short notes on : (15)

- (a) Drug sensitivity.**
- (b) Heparin.**
- (c) Excretion through sweat and saliva.**

- 4. How will you prove that a given substance possesses the property of lowering blood pressure? (15)**
- 5. What are the tests for standardization of drugs and evaluation. (20)**

Write briefly on :

- (a) Cardiac Stimulant. (8)**
- (b) Cardiac Depressor. (7)**

APRIL - 1998

SV 257

M.D. (SIDHA) DEGREE EXAMINATION

Second Year

Branch I - Marutthuvam

Paper II - INTRODUCTION TO PHARMACOLOGY WITH THERAPEUTIC
EMPHASIS

Time : Three hours

Max.marks:100

Answer All Questions

1. Narrate the limitations of animal tests. (15)
2. How will you prove experimentally the antiulcer activity of a drug? (15)
3. Write briefly on:
 - Drugs used in mental disorders
 - Drugs used in oedema (2x10=20)
4. Write short notes on:
 - Drug dependence
 - Drug sensitivity 15)
5. Write briefly on:
 - Drugs used in fever
 - Structure activity relationship of drugs. 20)
6. How will you experimentally demonstrate the antifertility action of a drug? (15)

OCTOBER - 1999

[KA 515]

M.D. (Siddha) DEGREE EXAMINATION.

Second Year

Branch I — Maruthuvam

**Paper II — INTRODUCTION TO PHARMACOLOGY
WITH THERAPEUTIC EMPHASIS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Briefly explain the pharmacology of oral anti-diabetic drugs. Explain methods of testing oral hypoglycemic drugs. (20)
2. How will you prove that a new compound is pharmacologically active? (20)
3. Classify diuretics with suitable examples. Outline the methods to determine the diuretic action of a drug. (15)
4. Enumerate the various drugs used in the treatment of hypertension. Outline the methods of evaluating hypotensives. (15)
5. Describe the methods of evaluating drugs used in the treatment of epilepsy. (15)

6 Short notes :

(15)

- (a) Analgesiometer
- (b) Aspirin
- (c) Calcium Channel Antagonists

APRIL - 2000

[KB 515]

M.D. (SIDDHA) DEGREE EXAMINATION.

Second Year

(Old/New Regulations)

Branch I — Maruthuvam

**Paper II — INTRODUCTION TO PHARMACOLOGY
WITH THERAPEUTIC EMPHASIS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify anti inflammatory drugs. How will you evaluate anti inflammatory agents? (20)
2. Describe various methods of testing anticancer drugs. (15)
3. Name a few oral contraceptives. Explain various methods of testing oral contraceptive drugs. (20)
4. Write in detail about bio assay of drugs. (15)
5. How will you proceed to evaluate the efficacy of oral anti-diabetic drugs? (15)
6. Write short notes on : (15)
 - (a) Omeprazole.
 - (b) Adrenaline
 - (c) Enalapril.

OCTOBER - 2000

[KC 515]

M.D. (SIDDHA) DEGREE EXAMINATION.

Second Year

(Old/New Regulations)

Branch I — Maruthuvam

Paper II — INTRODUCTION TO PHARMACOLOGY
WITH THERAPEUTIC EMPHASIS

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Describe drugs used in treatment of iron deficiency anemia and how will you evaluate an oral iron preparation. (15)
2. What are the limitations of animal tests? (15)
3. Outline oral anti-diabetic drugs and explain their evaluation. (15)
4. Define bioassay and explain with suitable examples bioassay. (15)
5. Classify analgesics and how will you test an analgesic drug? (20)

6

Short notes :

(20)

- (a) Anti süssives.
- (b) Dale's phenomenon
- (c) Anti-anxiety drugs
- (d) Nifedipine.