

Second Professional B.S.M.S Degree Regular Examinations January 2025
Sattam Saarntha Maruthuvamum Nanju Maruthuvamum Paper – II
(2021 Scheme)

Time: 3 hrs

Max. Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

1. Multiple Choice Questions

(20x1=20)

The Answers to MCQ questions (Q.No.i to Q.No.xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- i. Gastric lavage is useful anytime within _____ after ingestion of a poison
 - a) 2 hours
 - b) 4 hours
 - c) 6 hours
 - d) 8 hours
- ii. Which one of the following is superior to EDTA in the treatment of lead poisoning
 - a) Penicillamine
 - b) BAL
 - c) DMSA
 - d) a and c
- iii. Which one of the following is NOT comes under the schedule F of Drugs and Cosmetic rules 1945
 - a) Vaccines
 - b) Antisera
 - c) Diagnostic antigen
 - d) Insulin
- iv. A person throwing acid or attempt to throw acid (any corrosive substance) which causes damage shall be punished with imprisonment for 5 to 7 years comes under the section
 - a) S.326 A
 - b) S.326 B
 - c) S.325
 - d) S.320
- v. In nitric acid poisoning the color of urine is
 - a) Green
 - b) Yellow
 - c) Brown
 - d) Colorless
- vi. The product Tik 20 contains
 - a) Parathion
 - b) Malathion
 - c) Diazinon
 - d) Chlorthion
- vii. In chronic poisoning of lead Burtonian line seen in
 - a) 10-15% of the cases
 - b) 20-40% of the cases
 - c) 50-70% of the cases
 - d) Above 85% of the cases
- viii. Which one is not present in SUIIS
 - a) Opium
 - b) Cannabis
 - c) Datura
 - d) Onion
- ix. Sea snake venom is
 - a) Myotoxic
 - b) Haemotoxic
 - c) Neurotoxic
 - d) b and c
- x. For Thel kadi (scorpion bite) Abraga Parpam is administrated with
 - a) Uthamanicharu
 - b) Kaiyanthakaraicharu
 - c) Erukuelacharu
 - d) Kuppaimenicharu
- xi. Neelakandakuligaiyalavu (dosage) is
 - a) 2 gm
 - b) 4 gm
 - c) 6 gm
 - d) 8 gm
- xii. The toxic substance present in Rate paste is
 - a) Zinc phosphate
 - b) Aluminium phosphide
 - c) Zinc phosphide
 - d) b and c
- xiii. The dried leaves of tobacco contains _____ % of nicotine
 - a) 0.5-1 %
 - b) 1-8 %
 - c) 0.05-0.5 %
 - d) 0.1-0.8 %
- xiv. Scheele's acid is known as
 - a) Hydrocyanic acid
 - b) Hydrogen sulphide
 - c) Carbon monoxide
 - d) Carbon dioxide
- xv. The specific opioid antagonist is
 - a) Nalorphine
 - b) Naloxone
 - c) Buprenorphine
 - d) a and b

xvi. IPC section 274 deals with

- Sale of noxious food or drink
- Sale of adulterate drugs
- Sale of drugs as a different drug or preparation
- Adulteration of drug

xvii. The oil from the seeds of Argemone Mexicana contains

- Bamanitin
- Protopine
- Dihydrosanguinarine
- All the above

xviii. Speedball is cocaine mixed with

- Heroin
- Cannabis
- Amphetamine
- LSD

xix. What is the most common cause of Type B (unpredictable) adverse drug reactions

- Overdose of the drug
- Genetic factors or immune system responses
- Drug-drug interactions
- Incorrect drug administration

xx. Which of the following is a branch of toxicology that focuses on the harmful effects of substances on living organisms and the environment

- Analytical toxicology
- Experimental toxicology
- Industrial toxicology
- Environmental toxicology

Short Answer Questions**(8x5=40)**

- Explain the features of ideal homicidal and suicidal poisoning
- Describe the signs, symptoms and treatment of Uppu and chunnambu poisoning
- Tabulate the difference between vellai padanam poisoning and Ozhi Noi
- Describe the signs, symptoms and treatment of Gandhagam poisoning
- Give a brief note on actions of snake venom
- Describe the signs, symptoms and treatment of Nerium odorum poisoning
- Describe the signs, symptoms and treatment of Tear gas poisoning
- Botulism

Long Answers Questions**(4x10=40)**

- Duties of doctor in case of poisoning
- Explain in detail about signs, symptoms and treatment of Organo phosphorous compound poisoning
- Describe vidamai and vidakulambu preparation
- Describe spinal poisoning under following headings
 - Poisonous part, active principle
 - Signs and symptoms
 - Treatment and postmortem appearance
