

BHARATI VIDYAPEETH
(DEEMED TO BE UNIVERSITY), PUNE, INDIA
PhD Entrance Test – 2020
SECTION-II: AGADA TANTRA EVUM VIDHIVAIDYAKA - 50 Marks
PART-A

AgadaTantra (Ayurvedic and Contemporary Toxicology)

1. Definition and properties of Visha, Introduction of the terms like- vishasamprapti, vishaprabhava, visha-vega, vegantara and vishakarmukata (toxicodynamic and toxicokinetic study), Vishasankat, Shankavisha, Clinical toxicology, Experimental toxicology, Toxicogenomics.
2. Examination of poisons as per Contemporary and Ayurvedic Methods.
3. Fundamental Principles for treatment of poisoning.
4. Chaturvimsatiupakrama (24 management procedures).
5. Descriptive study of sthavaravisha, definition, classifications, classical signs and symptoms and treatment of poisoning including vanaspatic (phyto poison)like – Vatsanabh, Opium, Dhatura, Kuchala, Bhang. khanija (mineral) like- Mercury, Arsenic, Lead, Phosphrus
6. Descriptive study of Jangamavisha, definition, classifications, sources, content of venom classical signs and symptoms and treatment of poisoning including
 haemotoxicmyotoxic and vascolotoxic snakes
 Vrischika (scorpion),
 Alarka (dogs)
7. Garavisha and Dushivisha, their varieties, signs, symptoms and management with contemporary relevance,
8. Detailed study of Madyavisha (Alcoholism) and substances acting on the nervous system; substance abuse.
9. Detailed study of the contemporary knowledge features and management about vishajanyajanpadodhvansaniyaroga (community health problems due to poisons - Environmental pollution, water pollution, soil pollution, air pollution)
10. Concept of Virudhaahara, Aaharavisha.(Food poisoning) and Satmyasatmyata in contemporary and Ayurvedic views
11. Diagnosis & management of drug induced toxicity,drug interactions and incompatibility
12. Death due to poisoning, Duty of physician in poisoning, in cases of suspected poisoning. Post mortemfindings in poisoning.
13. Extra -corporeal techniques (dialysis etc) for removal of poisons.

PART-B

Vyavahara Ayurveda Evam Vidhi Vaidyaka (Forensic Medicine and Medical Jurisprudence)

1. Definition of Vyavahara Ayurveda, Vidhi Vaidyaka its evolution in ancient and contemporary periods.
2. Personal identity and its medico-legal aspects.
3. Death and its medico-legal aspects (Forensic Thanatology)
4. Asphyxial deaths and its medico-legal importance.
5. Death due to starvation, heat and cold, lightning and electricity.
6. Medico-legal autopsy.
7. Injuries due to explosions, chemical and nuclear warfare. Medico-legal aspects of injuries and wounds.
8. Sexual offences and perversions.
9. Medico-legal aspects of virginity, Impotence and sterility pregnancy, delivery, abortion, infanticide and legitimacy with related acts.
10. Study of acts like Indian Evidence Act, Pre Natal Diagnostic Test Act, Nursing Home Act, Organ Transplantation Act, Indemnity Insurance scheme, Consumer Protection Act related to medical practice.
11. Forensic Science Laboratory. Chemical, analytical, laboratory examination of poisons and suspicious substance, Introduction of different instruments / equipments used in the examination of poisons.
12. Medico legal aspects of mental illness.
13. Duties and privileges of physician, Doctor - patient relationship, Rights and privileges of patients; Euthanasia, Professional secrecy and privileged communication, Professional negligence and malpractice.
14. Structure of Central Council of Indian Medicine, its jurisdiction and functions. Code and Conducts as per the CCIM, Rules and Regulations there under.
15. Respective State Council of Indian Medicine, its structure, power, voluntary duties.