

SECTION -A

1. Multiple Choice Question

(11)

20x1=20 Marks

(i) "लूता" (spider) जांगम विष के किस अधिष्ठान से संबंधित है?

a) मूत्र

b) नख

✓ c) शुक्र

d) आर्तव और लाला

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(ii) Garlic-like odor from the mouth and nostrils during autopsy is suggestive of:

a) Opium

b) Alcohol

✓ c) Organophosphates

d) Chloral hydrate

(iii) Rhodamine B is an adulterant found in:

a) Pulses

✓ b) Chilli powder

c) coffee

d) turmeric

X

(iv) "नागदंती घृत" उपयोगी है -

a) सर्प विष में

b) पाचन में

✓ c) गरविष एवं कीट विषों में

d) लूता विष में

(v) Which of the following is an example of a Type IV hypersensitivity reaction?

a) Anaphylaxis reaction

b) Serum sickness

✓ c) Contact dermatitis

d) Autoimmune hemolytic anemia

(vi) Which IPC section is most applicable in homicidal smothering?

✓ a) IPC 304A

b) IPC 306

c) IPC 304B

d) IPC 302

Vartha tangan Victoria ani
Savindhara Jaja
Pippali

(vii) Which of the following is a common cause of irritant contact dermatitis?

a) Nickel

b) Poison ivy

✓ c) Acids and alkalis

d) cosmetics

X

(viii) Which ingredient is common in Dooshivishari Agada and Dashanga Agada?

✓ a) Pippali

b) Kuta-nata

c) Tagara

d) Chandana

X

(ix) Which of the following characteristic symptom is not seen in Chronic mercury poisoning (hydrargyrim)?

a) Blue line on gums

b) Danbury tremors

c) Pink disease

✓ d) Mee's lines in nails

X

(x) How should antivenom be administered?

a) Intramuscular

✓ b) Intravenous

c) Subcutaneous

d) All

X

(xi) A person on chronic opioid use presents with pinpoint pupils, drowsiness, and respiratory depression.

What is the first-line antidote?

Pineine

b) N-acetylcysteine

a) Flumazenil

d) Diazepam

✓ c) Naloxone

X

(xii) What does "Dwandw Arbuda" indicate in Ayurvedic literature?

✓ b) Two tumors growing simultaneously

a) Two tumors on each other

d) two tumor capsulated

c) Tumors growing one after another

X

(xiii) Which bone is the last to complete fusion?

✓ b) Iliac crest

a) Lower end of radius

d) Medial end of clavicle

c) Scapula

X

xvi) State Consumer Commission under consumer protection act hears cases involving claim amount between:
 a) ₹50 lakh – ₹1 crore
 b) ₹50 lakh – ₹2 crores ✓
 c) ₹50 lakh – ₹5 crores ✓
 d) Up to ₹10 crores ✓

xv) Which of the following is TRUE about a dying deposition?
 a) It is an unofficial statement by the deceased
 b) It is recorded in the presence of a magistrate and allows cross-examination ✓
 c) It cannot be used as evidence in court
 d) It is considered invalid without a medical certificate ✓

xvi) Which sign is observed due to venous congestion and appears as bluish discoloration of vaginal mucosa?
 a) Barne's sign
 b) Chadwick's sign ✓
 c) Osiander's sign
 d) Palmer's sign

xvii) Define Obsession:
 a) A persistent urge to perform an action ✓
 b) A repetitive, intrusive thought causing distress ✓
 c) A temporary loss of memory
 d) Misinterpretation of actual stimuli

xviii) Which of the following is true about the Drugs and Cosmetics Act, 1940, with regard to the regulation of poisonous substances?
 a) The Act bans the sale of all poisonous substances
 b) The Act regulates the sale and labeling of poisons used in medicines ✓
 c) The Act applies only to Ayurvedic medicines
 d) The Act allows the sale of poisons without restrictions

xix) Which of the following signs is specifically associated with aconitine poisoning?
 a) Hippus sign
 b) Babinski sign
 c) Battle's sign
 d) Trousseau sign

xx) Which Section of IPC deals with gang rape?
 a) 376A
 b) 376B
 c) 376D
 d) 375

Section-B

Short Answer Questions

8 x 5=40 Marks

- 1✓ Enumerate the clinical features of Dooshivisha. Explain How can delayed hypersensitivity reactions reflect Dooshivisha exposure?
- 2✓ Discuss the indications, procedure, contraindications, and complications of gastric lavage?
3. Discuss the clinical manifestation and management strategies of organo-phosphate poisoning?
- 4✓ Describe the Veganusar lakshana and chikitsa of Darvika sarpa and Mandali sarpa?
- 5✓ Define Madya and Madatyaya and Describe the Ayurvedic management of Madatyaya.?
- 6✓ Define Hanging. What are classifications of hanging & postmortem findings in a case of Hanging
- 7✓ Describe Medical Examination of a Rape Victim?
- 8✓ Briefly describe recent advances like polygraphy & narcoanalysis in forensic science?

Section-C

Long Answer Questions

4 x 10 = 40 Marks

9. What Are Chaturvimshati Upakrama? Explain any five important upakramas and its clinical significance with examples.
10. Describe the classification, diagnosis, and treatment of Vrischika Damsha (scorpion sting). Discuss its contemporary clinical implications and management strategies.
11. Discuss Datura (Datura stramonium) poisoning in detail. Write about its tropane alkaloids, anticholinergic effects, clinical features (including classical triad), fatal dose, management, postmortem changes, forensic significance, and any traditional medicinal use.
12. Define autopsy. Discuss its types with examples. Explain the main objectives of conducting an autopsy. Describe the general rules and stepwise procedure of autopsy.