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04212

**Second B.H.M.S. (2015) Examination, Summer 2017  
FORENSIC MEDICINE AND TOXICOLOGY**

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
  - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) : (10×2=20)
- A) Contributory negligence.
  - B) What are the powers of first class magistrate ?
  - C) What is Dactylography ?
  - D) Mention any 2 medicolegal importances of Algor Mortis.
  - E) What is Defence Wound ?
  - F) Mention any 2 medicolegal importances of Hallucination.
  - G) Mention objectives of postmortem examination.
  - H) What is artificial insemination ?
    - I) Cocaine bug.
    - J) What is antidote for copper sulphate poisoning ?
    - K) Active principles of Dhatura.
    - L) Define Antidote.
    - M) Fatal dose and Fatal period of Sulphuric acid poisoning.
    - N) Fatal dose and Fatal period of Abrus Precatorius.
    - O) Define Poison.

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2. Write short answer (**any four** out of six) : (4×5=20)
- a) Summons.
  - b) M.T.P. Act 1971.
  - c) Mummification.
  - d) Virginity.
  - e) Medicolegal importances of burn injury.
  - f) SIDS with its Medicolegal importances.
3. Write short answer (**any four** out of six) : (4×5=20)
- a) Drug & Cosmetic Act 1940.
  - b) Food Poisoning.
  - c) Drug Addiction.
  - d) Chronic phosphorus poisoning.
  - e) Capsicum poisoning.
  - f) Treatment of snake bite.
4. Long answer question (**any two** out of four) : (2×10=20)
- a) What is death ? Mention types of death, modes of death. Add a note on rigor mortis with respect to definition, mechanism, factors affecting to rigor mortis, condition simulating to rigor mortis and Medicolegal importances of rigor mortis.
  - b) What is Hanging ? Mention types, causes of death in Hanging. Write postmortem findings in antemortem hanging with its Medicolegal importances.
  - c) What is Infanticide ? Mention the MLI of Infanticide. Write the signs of live birth baby. Mention act of omission and act of commission in Infanticide.
  - d) What is personal identity ? Mention its Medicolegal importances. How will you determine race, age and sex of person ? Write its Medicolegal importances.

Long answer question (**any one** from Q.No. 5, 6 and 7) :

5. Long answer question.  
Write in detail about organophosphorus poisoning with reference to its pharmacological action, signs and symptoms, fatal dose, fatal period treatment, Postmortem findings and Medicolegal importances. (1×20=20)
6. Long answer question.  
Write in detail about Alcohol Poisoning with references to signs and symptoms of acute and chronic alcohol poisoning, causes of death and its treatment. Add a note on drunkenness. (1×20=20)
7. Long answer question.  
Explain General line of treatment of poisoning with reference to removal of unabsorbed poison, use of antidote, elimination of poison, symptomatic treatment and general care of patient. (1×20=20)