Second B.H.M.S. (New) Examination, Summer - 2021
FORENSIC MEDICINE & 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.

7) Use a common answer book for all Sections.

1. Write short answer (**any ten** out of fifteen) :   [10 × 2 = 20]

   a) What is Panchnama?

   b) Give two examples of Medicolegal reports.

   c) What do you mean by an Expert witness? Give two examples.

   d) Define Conduct Money?

   e) What is an Implied Consent.

   f) Define greivous injury.

   g) What are Tardieu's spots?

   h) What is Anthropometry?

   i) What is Fetichism?

   j) Give two examples of Occupational marks.

   k) What are Mee's Lines?

   l) What is Carboluria?

   m) Name the alkaloids found in Dhatura.

   n) What is Mac Ewan's sign?

   o) Name any four common household poisons.

2. Write short answer (**any four** out of six) :   [4 × 5 = 20]
    a) Privilege Communication
    b) Abrasions
    c) Difference between Rigor Morris and Cadaveric Spasm.
    d) Artificial Insemination
    e) Mental Health Act
    f) Sodomy

3. Write short answer (**any four** out of six):   [4 × 5 = 20]
    a) Classification of Poison.
    b) Drug and Cosmetic rules 1945.
    c) Phossy Jaw
    d) Kerosene poisoning
    e) Ergot poisoning
    f) Dhatura poisoning

4. Long answer question (**any two** out of four):   [2 × 10 = 20]
    a) Classify Mechanical injuries, Write in detail about Contusions.
    b) Which are the late signs of death? Write about Mummification.
    c) Classify asphyxial death, Write in detail about Strangulation.
    d) Which are the natural sexual offences? Write about examination of rape victim.

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

5. Write about Chronic lead poisoning under following heads   [1 × 20 = 20]
    a) Sign and symptoms.
    b) Fatal dose, fatal period and treatment.
    c) PM appearances
    d) Medico legal aspects

6. Write Ethyl Alcohol poisoning under following heads   [1 × 20 = 20]

    a) Sign and symptoms

    b) Fatal dose, fatal period and treatment.

    c) PM appearances

    d) Medico legal aspects

7. Discuss Antidotes under following heads   [1 × 20 = 20]

    a) Mechanical Antidotes

    b) Chemical Antidotes

    c) Physiological Antidotes

    d) Universal Antidotes

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Second B.H.M.S. (2015) Examination, Summer - 2021
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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.

7) Use a common answer book for all sections.

1. Write short answer (**any ten** out of fifteen) :   [10 × 2 = 20]

a) Forensic Medicine.

b) Panchnama Report.

c) Saponification.

d) Vicarious liability.

e) Tattoo mark.

f) Hesitation cut.

g) Contact flattening.

h) Tardeo spot.

i) Oxalurea.

j)   Fatal dose and fatal period of dhatura.

k)   Fatal dose and fatal period of nux vomica.

l)   Define toxicology.

m)   Run amoke.

n)   Antidote.

o)   Fatal dose and fatal period of opium.

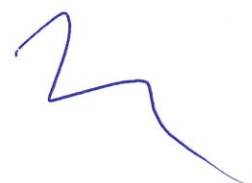2.   Write short answer (**any four** out of six) :   [4 × 5 = 20]

a)   MTP Act 1971.

b)   Subpnoea.

c)   Bruise.

d)   Hydrostatic test.

e)   CCH - Functions.

f)   Write duties of R.M.P. in criminal abortion. Mention complications in criminal abortion.

3.   Write short answer (**any four** out of six) :   [4 × 5 = 20]

a)   Drugs and cosmetic rules 1945.

b)   Diagnosis of poisoning in living and dead.

c)   CO Poisoning.

d)   Signs and symptoms of vasculotoxic snake bite and its treatment.

e)   Food poisoning.

f)   Difference between arsenic poisoning and cholera.

4. Long answer question (**any two** out of four) :   [2 × 10 = 20]

   a) Define hanging. Write types of hanging, causes of death, post mortem findings and medicolegal importances of hanging.

   b) Define sexual offence. Classify sexual offences. How will you proceed the examination of victim and accused in alleged rape?

   c) How will you determine race, age and sex and write it's medicolegal importances?

   d) Define injury. Classify injuries on different bases. Add a note on abrasion.

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

5. Write in detail about strychnine poisoning with respect to it's alkaloids, signs and symptoms, fatal dose, fatal period, post mortem findings, treatment and medicolegal importances.   [1 × 20 = 20]

6. Write in detail about alcohol poisoning with respect to signs and symptoms, post mortem findings, treatment and medicolegal importances. Add a note on Bombay prohibition Act.   [1 × 20 = 20]

7. Explain general line of treatment of poisoning with respect to removal of unabsorbed poison, use of antidote, elimination of poison, symptomatic treatment. Add a note on duties of R.M.P. in poisoning.   [1 × 20 = 20]

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