

**Second Professional B.S.M.S Degree Supplementary Examinations June 2025**  
**Sattam Saarntha Maruthuvamum Nanju Maruthuvamum Paper – I**  
**(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

- In India magistrate inquest is done in the following cases, EXCEPT
 

a) Death of a person in police custody	b) Murder cases
c) Dowry death within 7 years of marriage	d) Exhumation cases
- The first medicolegal autopsy was done by
 

a) Paulus Zacchias	b) Fortunato Fedele
c) Orfila	d) Bartolomeo De Varignana
- A second class judicial magistrate can award punishment upto
 

a) 6 months	b) 9 months	c) 12 months	d) 18 months
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- According to krogman, the degree of accuracy in sexing adult skeletal remains through skull alone is about
 

a) 100 %	b) 95%	c) 90%	d) 98%
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- Anterior fontanelle closes by
 

a) 6 months	b) 1 year	c) 2 years	d) 3 years
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- Method of identification using lips
 

a) Dactylography	b) Poroscopy	c) Cheiloscopy	d) Tricology
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- Molecular death is
 

a) Complete and irreversible cessation of brain, heart and lung functions
b) Death of individual tissues and cells aftersomatic death
c) Total loss of EEG activity, but heart is functioning
d) Vitals functions are at low pitch that cannot be detected by clinical examination
- Postmortem caloricity is seen in all, except
 

a) Burns	b) Sunstroke	c) Tetanus	d) Septicemia
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- The knot in judicial hanging is placed at
 

a) Behind the neck	b) Side of the neck
c) Below the chin	d) Choice of hangman
- NOT true about fresh water drowning
 

a) Hyperkalemia	b) Hypovolemia
c) Ventricular fibrillation	d) Hemolysis
- Green color of contusion is due to
 

a) Bilirubin	b) Hemosiderin	c) Hematoidin	d) Biliverdin
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- Gunshot residue on hands can be detected by
 

a) Phenolphthalein test	b) Dermal nitrate test
c) Benzidine test	d) H <sub>2</sub> activation test
- A saturated aqueous or alcoholic solution of picric acid when added to spermatic fluid produces \_\_\_\_\_ of spermine picrate
 

a) Dark brown crystals	b) Dark green needle shaped crystals
c) Colorless needle shaped crystals	d) Yellow needle shaped rhombic crystals

(PTO)

- xiv. Desire for sexual intercourse with dead bodies, this condition is said to be
  - a) Necrophilia
  - b) Necrophagia
  - c) Masochism
  - d) Both A & B
- xv. After birth the cord attached to the child shrinks and dries in
  - a) 2 hours
  - b) 8 hours
  - c) 10 hours
  - d) 12-24 hours
- xvi. The following one is NOT the trait of lung before respiration
  - a) Consistency is dense, firm, non-crepitant
  - b) Uniformly reddish-brown or bluish red in color
  - c) Air vesicles not inflated
  - d) Weight of the lung is 1/35 of body weight
- xvii. Pugilistic attitude is due to
  - a) Lipolysis
  - b) Protein coagulation
  - c) Carbohydrate coagulation
  - d) Lipogenesis
- xviii. If both water and food are completely withdrawn death occurs in
  - a) 5-10days
  - b) 10-12days
  - c) 6-8weeks
  - d) 10-12weeks
- xix. An irresistible desire for alcoholic drinks at periodic intervals is said to be
  - a) Multilomania
  - b) Pyromania
  - c) Kleptomania
  - d) Dipsomania
- xx. If the IQ level is 20 to 40, then the grading of IQ is
  - a) Mild
  - b) Moderate
  - c) Severe
  - d) Profound

## Short Answer Questions

$$(8 \times 5 = 40)$$

2. Describe the duties of medical practitioners
3. Tabulate the difference between human hair and animal hair and explain its medico legal importance
4. Tabulate the difference between Hanging and strangulation
5. Explain the characteristic features of incised wound and its medico legal importance
6. Explain artificial insemination and its medico legal importance
7. Explain in detail about features of still born babies
8. Differentiate the signs and symptoms of burns and Scalds
9. Give a brief note on Schizophrenia

## Long Answers Questions

$$(4 \times 10 = 40)$$

10. Describe Autopsy and explain in detail about the External and internal features of postmortem examination
11. Explain Drowning under the following headings
  - a) Definition
  - b) Types of drowning
  - c) Autopsy findings
  - d) Medico legal importance
12. Explain firearm wounds and its medico legal importance
13. Explain Abortion under the following headings
  - a) Definition
  - b) Types of abortion
  - c) Complications of abortion

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