

FORENSIC MEDICINE

PAPER-II

Time: 3 hours
Max. Marks:100

FRM/D/20/09/II

Important Instructions:

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

1. a) Discuss Tanner Whitehouse method for estimation of age in brief. 5+3+2
b) Explain Suchey-Brooks system. What is ischio-pubic index?
c) Drawbacks of Mckern-Stewart's system.
2. Discuss in brief DNA Regulation Bill, 2019, commenting on its advantages and disadvantages. 10
3. a) Discuss various parameter the Gustafson's method. 3+5+2
b) What is the medicolegal importance of bite mark?
c) Parkman murder case.
4. a) How do you determine the range of fire in case of an entry wound of a rifled firearm and shotgun? (3+3)+2+2
b) What investigations are done for gunshot residues?
c) What is the use of comparison microscope?
5. a) What are the post-mortem findings in case of death of a Scuba diver? 3+3+4
b) How would you determine the injuries sustained by a driver and passenger in case of a four wheeler automobile accident?
6. a) How is SAFE kit used for examination of victim of sexual offence? 4+3+3
b) Explain the potency status of an accused of a sexual offence is impotent or not is no longer relevant in accused examination.
c) Discuss 354 IPC.
7. a) Discuss briefly medico legal aspects of Surrogacy Bill, 2019. 5+5
b) Write about various techniques & medicolegal aspects of Artificial Insemination.
8. a) What are the prerequisites for One Stop Crisis Centre (OSCC)? 3+7
b) Discuss on how to establish OSCC at a tertiary Centre.

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9. a) What is "Caffey-Kempe's Syndrome"? 2+4+4
b) Mention pre-disposing factors and nature of injuries sustained by the victim in this syndrome.
c) What is the role of doctor to this victim while attending this victim in emergency department?
10. Ethical and medicolegal aspects of treating patients through online platform or virtual media. 10
