

FORENSIC MEDICINE

PAPER-IV

FRM/D/18/09/IV

Time: 3 hours
Max. Marks:100

Important Instructions:

- *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. Highlights of the Surrogacy (Regulation) Bill, 2016, the key issues and critically analyze the same. 10
2. Ethical & Medico legal issues in Stem Cell Research and therapy. 10
3. Nanotechnology in Forensic investigations. 10
4. Define Battered Child Syndrome. Describe causes, symptoms, signs, stages, demographics, diagnosis & medico-legal aspects of Battered Child Syndrome. 1+9
5. Colposcopy in evaluation of the adult sexual assault victim. 10
6. Forensic Gait Analysis, its utility in crime investigation and recognition of culprit, present status as scientific evidence in court. 10
7. a) Define Cyberstalking. 2+5+3
b) Describe it with examples. Suggest how it can be prevented?
c) What are the laws related to it?
8. Critically analyze The DNA Technology (Use and Application) Regulation Bill, 2018. 10
9. Define drug facilitated sexual assault. Describe its prevalence, commonly used substances to facilitate the assault, examination of the survivor, special samples to be collected with precautions and related medico legal issues. 2+8
10. Recent advances in forensic reconstruction of facial features, various manual and computerized methods involved and its usefulness. 10
