

**M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020 & 2021-2022)**

**THIRD PROFESSIONAL PART – I MBBS (CBME)
PAPER I – FORENSIC MEDICINE & TOXICOLOGY**

Q.P. Code: 526075

Time: 30 Minutes

Maximum : 20 Marks

Answer All Questions

Shade the correct answer with Black or Blue ink ball point pen

SET - A

III. Multiple Choice Questions: (20 x 1 = 20)

1. Hatters Shake seen in
A) Arsenic B) Mercury C) Lead D) Phosphorus
2. Drug automatism seen in
A) Arsenic poisoning B) Barbiturate poisoning
C) Cyanide poisoning D) Datura poisoning
3. Action of this poison resemble viper snake bite
A) Ricin B) Abrin C) Croton D) Calotoxin
4. An irresistible desire for alcohol drinks in frequent intervals known as
A) Multilomania B) Kleptomania C) Pyromania D) Dipsomania
5. Most specific test to deduct blood stain
A) Benzidine test B) Orthotolidine test
C) Takayama test D) Spectroscopic test
6. In India Infanticide is considered as same as
A) Culpable Homicide amounting to murder B) Manslaughter
C) Murder D) None of the above
7. The following are signs of Intrauterine death
A) Spalding sign B) Jacquimer sign
C) Chadwick sign D) Kevorkian sign
8. When did the POCSO Act 2012 come into force
A) 14th April 2012 B) 1st March 2012
C) 1st May 2012 D) 14th November 2012
9. Identify false statement
A) S 375 IPC defines rape
B) A women may be accused of indecent assault on a man
C) Maximum punishment for the offence of rape is life imprisonment
D) Punishment for use of children for pornographic purposes is minimum 5 years
10. A male is sterile
A) After 70 years B) After 80 years C) Before puberty D) After 35 years

11. Common site of injury to spinal cord in judicial hanging in between
A) C1 and C2 B) C2 and C3 C) C3 and C4 D) C4 and C5
12. In Dry drowning death is due to
A) Water logging of lungs B) Spasm of Larynx
C) Respiratory arrest D) Ventricular fibrillation
13. In death due to starvation, all the following are true EXCEPT-
A) Fat is absent in mesentery and Omentum
B) Gall bladder is distended and full
C) Liver atrophied
D) Urinary bladder is full
14. Hemoglobinuria occurs when the burnt skin surface exceeds
A) 20% B) 35% C) 50% D) 70%
15. Lucid interval seen in
A) EDH B) Insanity C) Both of the above D) None of the above
16. Gutter fracture is due to
A) Sharp weapon B) Fire arm injury C) Blunt weapon D) A & B
17. Non-Traumatic ICH is common at
A) Pons B) Basal ganglia C) Cerebellum D) White matter of brain
18. Which of the following is somatic death
A) Cadaveric spasm B) Rigor mortis C) Algor mortis D) Livor mortis
19. In suspected air embolism, the body cavity to be opened first
A) Brain B) Thorax C) Abdomen D) Pelvis
20. Death sentence can be awarded by
A) 1st Class Magistrate B) 2nd Class Magistrate
C) Chief Judicial Magistrate D) District Sessions Judge

[MBBS 0125]

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Q.P. Code: 526075

Time: Three hours

Maximum: 100 Marks (80 Theory + 20MCQs)

Answer all the Questions

I. Essay:

**(2 x 15 = 30)
(2+3+6+2+2)**

1. A 38-year-old male was admitted to the Trauma Intensive Care Unit following accidental fall down from two-wheeler. On examination he was unconsciousness GCS 3 /15, PR: 98/Min: BP: 130/90 mm Hg, RR: 24 /min, Temperature 41.5°C and Bilateral pupils dilated. He had multiple injuries and the Team of doctors confirmed as Brain Stem death.
 - a) What is Brain Stem death?
 - b) How will you certify Brain stem death?
 - c) Write about outline of Authority to removal of organs.
 - d) Punishment for unauthorized removal of Organs.
 - e) Medico legal issues in Organ removal in Living and Cadaveric donor.

(5+5+5)

2. A 15-year-old girl brought to casualty by her parents with c/o vomiting loose stools, giddiness, tiredness, headache and weakness. O/E: Sweetish garlic like odor noted on her dress. Patient unconscious, anemic, jaundice with Tachycardia. BP: 60/40 mmHg, PR: 96/min, SP02 96%, Temperature 39°C. The casualty Medical Officer suspected as poisoning case.

Answer the following questions: -

- a) Classify poisoning (TOXICANTS).
- b) How will you diagnose poisoning in living and dead persons?
- c) Write about Decontamination and Management of poisoning.

II. Write Short notes on:

(10 x 5 = 50)

1. Write about types of Offences. Difference between cognizable and Non-cognizable offences.
2. Clinical features, post mortem appearance and medico legal importance of burns. Difference between scalds and burns.
3. Describe in detail Post mortem findings in various types of Torture death.
4. What are all the cause of male and female infertility?
5. What is Virtopsy? Write about advantage, disadvantage and limitation of Virtopsy.
6. Algor mortis.
7. War gases.
8. Dying Declaration.
9. Therapeutic misadventure.
10. Write a note on Confidentiality on Par with MTP Act.
