

EMERGENCY MEDICINE

PAPER-II

Time: 3 hours
Max. Marks:100

EM/D/19/52/II

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. A 35-year-old male, bike rider presents to emergency with history of head on collision with a motor vehicle. He is drowsy and sonorous, responding with 'Aaah- Uggh' on painful stimuli and extensor response in lower limbs. Pulse-120/min, BP-80 /60mmHg & Saturation-70%. On examination, his mouth is full of blood and breath sounds are not heard over left lung. 5+3+2
 - a) How will you approach and manage the case?
 - b) Describe Le-fort classification and management algorithms of Maxillofacial injury.
 - c) Role of point of care ultrasound in this case.
2.
 - a) Describe FOUR Scale in comparison to GCS score. 3+3+2+2
 - b) Describe PECARN Rule.
 - c) Describe Optic Nerve sheath diameter and its clinical significance.
 - d) Cushing's reflex.
3.
 - a) Enumerate the causes of acute onset abdominal pain in epigastric region. Discuss the investigations to be sent from ED to reach the most probable diagnosis. 4+3+3
 - b) Describe the clinical features and management of acute appendicitis.
 - c) Compare the role of X-Ray abdomen and point of care ultrasound in acute abdomen.
4.
 - a) Enumerate the cause of vaginal bleed in a 16-year old female. 3+3+4
 - b) Describe Abruptio placentae - pathophysiology, clinical presentation and ED management.
 - c) Enumerate the salient features of Perimortem cesarean section. What are the additional features of maternal CPR?

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5. a) Evaluation and management of penetrating eye injury in a young boy. 3+3+2+2
b) Enumerate the causes of Keratoconjunctivitis and its management in Emergency.
c) Seidel sign.
d) Discuss the approach to orbital cellulitis in a 65-year-old diabetic female.
6. a) Compare and contrast the two major classifications of pelvic fractures. 3+2+5
b) Clinical presentation and patient profile for pelvic fracture.
c) Management of unstable pelvic fractures in ED.
7. a) Describe clinical features and management of acute necrotizing ulcerative gingivitis. 2+3+2+3
b) Clinical features and management of Peritonsillar abscess.
c) Management of Temporo-mandibular joint dislocation in ED.
d) Nerve blocks of the face.
8. a) Assessment and management of lip laceration. 2+3+2+3
b) Evaluation and management of necrotizing fasciitis of leg.
c) Evaluation and management of bleeding scalp wound.
d) Describe clinical features and management of local anaesthetic induced systemic toxicity.
9. a) Differential diagnosis and management of acute onset scrotal pain. 3+3+4
b) Describe the clinical features and management of Zipper entrapment injury.
c) Assessment and ED management of severe traumatic brain injury.
10. a) Describe clinical features and management of intussusception in a child. 3+4+3
b) Describe the clinical features and management of supracondylar fracture.
c) Salter-Harris classification.
