

EMERGENCY MEDICINE

PAPER-III

Time: 3 hours
Max. Marks:100

EM/J/19/52/III

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:

- a) How will you differentiate pyelonephritis from cystitis? 2+3+3+2
 - b) What is the difference between uncomplicated urinary tract infection and complicated urinary tract infection?
 - c) Discuss urine analysis in urinary tract infection.
 - d) Comment on antimicrobial regime for adult female having complicated cystitis.
- a) Sources of carbon monoxide poisoning. 2+3+3+2
 - b) Pathophysiology of carbon monoxide poisoning.
 - c) Diagnosis of carbon monoxide poisoning.
 - d) Role of hyperbaric oxygen in carbon monoxide poisoning.
- a) How to classify severity of asthma exacerbation in adults? 3+3+2+2
 - b) ED treatment of acute asthma.
 - c) Indications for mechanical ventilation in acute asthma.
 - d) How will you manage a patient of acute asthma who is on a ventilator?
- a) What is syncope? 1+3+4+2
 - b) Causes of syncope.
 - c) ED evaluation of a patient with syncope.
 - d) How will you differentiate syncope from seizure?
- a) Define acute hepatic encephalopathy. 2+3+3+2
 - b) Clinical features of acute hepatic encephalopathy.
 - c) ED treatment of acute hepatic encephalopathy.
 - d) Define acute on chronic liver failure.
- a) Enumerate risk factor for venous thromboembolism. 2+4+4
 - b) Diagnostic testing for venous thromboembolism.
 - c) Scores for pulmonary embolism.

P.T.O.

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| 7. | a) Define acute kidney injury.
b) Stages of acute kidney injury.
c) Investigations in a patient with acute kidney injury.
d) Contrast induced nephropathy. | 1+3+4+2 |
| 8. | a) Pathogenesis of tetanus.
b) Clinical features of tetanus.
c) Treatment of tetanus.
d) Tetanus immunization. | 3+2+3+2 |
| 9. | a) Precipitating factors for thyroid storm.
b) Clinical features of thyroid storm.
c) Management of thyroid storm. | 3+3+4 |
| 10. | a) Draw intrinsic and extrinsic coagulation pathways and fibrinolysis pathway.
b) Complications of heparin.
c) Management of warfarin-induced bleeding. | 4+3+3 |
