

EMERGENCY MEDICINE

PAPER-III

EM/J/18/52/III

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. A 22-year-old male presented with fever and jaundice of five days duration. Clinical examination shows moderate jaundice and splenic enlargement. 2+3+2+3
 - a) Enumerate differential diagnosis of fever with jaundice?
 - b) What are the various forms of complicated malaria?
 - c) How will you confirm diagnosis of malaria?
 - d) ED management of the present case if he was found to have malaria.
2.
 - a) Define hypoglycaemia. 2+2+3+3
 - b) Enumerate causes for hypoglycaemia.
 - c) Clinical features of hypoglycaemia.
 - d) How do you manage sulfonylurea induced hypoglycaemia?
3.
 - a) Enumerate various diving-related emergencies. 2+3+3+2
 - b) Pathophysiology of decompression sickness.
 - c) Clinical features of decompression sickness.
 - d) Classification of decompression sickness.
4.
 - a) Enumerate causes for acute respiratory distress syndrome (ARDS) 3+3+4
 - b) Berlin diagnostic criteria for ARDS.
 - c) Ventilator management of ARDS.
5.
 - a) Clinical features of tricyclic antidepressant overdose. 4+2+4
 - b) What are the ECG changes in a patient with tricyclic antidepressant overdose?
 - c) How do you manage a patient with tricyclic antidepressant overdose?
6.
 - a) Clinical features of neuroleptic malignant syndrome (NMS). 3+2+2+3
 - b) Describe any one diagnostic criteria for NMS.
 - c) How do you differentiate between NMS and serotonin syndrome?
 - d) Treatment of a case with NMS.

P.T.O.

7. a) Enumerate various generalized skin disorders. 2+2+3+3
b) Clinical features of erythema multiforme.
c) Clinical features of toxic epidermal necrolysis.
d) Management of a patient with toxic epidermal necrolysis.
8. A 22-year-old medical student presented with an attempted suicide. He had attempted suicide twice before but was unsuccessful. He says he feel depressed. 5+5
a) How will you assess suicide risk in this patient?
b) How will you plan ED disposition?
9. a) Enumerate inherited and acquired clotting disorders (thrombophilia). 3+2+2+3
b) Pathophysiology of hemophilia A
c) Clinical features of hemophilia A
d) Management of a patient with hemophilia presenting with hemarthrosis.
10. a) Enumerate causes of rhabdomyolysis. 2+2+3+3
b) Clinical features of rhabdomyolysis.
c) Diagnosis of rhabdomyolysis
d) Treatment of rhabdomyolysis in ED.
