

EMERGENCY MEDICINE

PAPER-IV

Time: 3 hours
Max. Marks:100

EM/J/19/52/IV

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) Use of REBOA in ED. 5+5
 - b) Use of ECMO in ED.
- a) What is routine newborn care? 2+5+3
 - b) Discuss steps of neonatal resuscitation.
 - c) Vascular access in the new born.
- a) How will you clinically evaluate dehydration in children? 3+4+1+2
 - b) Treatment of dehydration according to severity.
 - c) Composition of reduced WHO ORS.
 - d) Maintenance phase for successfully rehydrated children.
- a) Discuss types of neglect in children. 2+2+6
 - b) Risk factors for child maltreatment.
 - c) Diagnosis of physical abuse in child.
- a) Causes of jaundice in neonates and infants. 3+4+3
 - b) Pathogenesis of various causes of jaundice in children.
 - c) Approach to a child with jaundice.
- a) Confidence interval. 3+4+3
 - b) Positive and negative predictive values.
 - c) Triple-blinded, randomized studies.
- a) What are LVADs (Left Ventricular Assist Devices)? 2+2+3+3
 - b) What are the indications of LVADs?
 - c) How do LVADs function?
 - d) Medical complications of LVADs.

P.T.O.

EMERGENCY MEDICINE

PAPER-IV

8. a) What are two different classes of novel oral anticoagulants (NOAC) and enumerate commonly used drugs of each class? 2+2+3+3
b) Role of NOAC in patients with atrial fibrillation.
c) CHA₂-DS₂-VASc score.
d) HAS-BLED score.
9. a) Ocular ultrasound. 3+5+2
b) FALLS protocol.
c) Ultrasound finding in pneumonia.
10. a) High sensitivity troponin. 4+3+3
b) HEART pathway.
c) ADvISED trial in aortic dissection.
