

National Board of Examinations

Question Paper Name : DrNB CRITICAL CARE MEDICINE Paper2
Subject Name : DrNB CRITICAL CARE MEDICINE Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740524 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Detail the stepwise management of convulsive status epilepticus in a neurocritical care patient. Write down the different pharmacological and non-pharmacological interventions. Discuss potential complications. [4+3+3]

Question Number : 2 Question Id : 32718740525 Consider As Subjective : Yes

Discuss the comprehensive management of a 55-year-old patient presenting with acute cardiogenic shock due to an ST-elevation myocardial infarction (STEMI), describing the initial stabilisation, diagnostic workup, and advanced therapeutic options. [4+3+3]

Question Number : 3 Question Id : 32718740526 Consider As Subjective : Yes

Discuss the risk factors, clinical presentation and severity grading of aneurysmal subarachnoid hemorrhage. Briefly discuss the complications encountered in these patients. [(2+2+3)+3]

Question Number : 4 Question Id : 32718740527 Consider As Subjective : Yes

What are the common causes of thrombocytopenia in critically ill patients, and how can they be differentiated through diagnostic workup? [5+5]

Question Number : 5 Question Id : 32718740528 Consider As Subjective : Yes

- a) Describe the pathophysiology, diagnostic evaluation, and management of rhabdomyolysis-induced acute kidney injury in a trauma patient admitted to the ICU. [5]
b) What are the considerations for fluid therapy and dialysis? [5]

Question Number : 6 Question Id : 32718740529 Consider As Subjective : Yes

Explain the etiology, pathophysiology, and management strategies for severe acute pancreatitis in a critically ill patient, with emphasis on nutritional support, management of complications and indications for surgical intervention. [4+2+4]

Question Number : 7 Question Id : 32718740530 Consider As Subjective : Yes

Describe the principles of management of a critically ill patient after major abdominal surgery. How to evaluate fluid status and prevent acute kidney injury. [5+(3+2)]

Question Number : 8 Question Id : 32718740531 Consider As Subjective : Yes

Describe the diagnostic approach to peripartum cardiomyopathy in a postpartum patient presenting with acute heart failure in the ICU. Describe role of echocardiography, biomarkers and differential diagnosis from other causes of heart failure. [4+(1+1+4)]

Question Number : 9 Question Id : 32718740532 Consider As Subjective : Yes

Describe the mechanisms, clinical manifestations and management of hypercalcemia of malignancy in a critically ill patient with metastatic breast cancer, with emphasis on pharmacological therapies, hydration strategies, and monitoring for complications. [4+3+3]

Question Number : 10 Question Id : 32718740533 Consider As Subjective : Yes

Explain the pathophysiology, diagnostic evaluation and emergency management of adrenal crisis in a critically ill patient with known Addison's disease, describing corticosteroid replacement, fluid management, identification of underlying triggers. [4+3+3]