BB-2106100601010001 M. D. Examination April - 2022 Emergency Medicine : Paper - I

Time : 3 Hours]

[Total Marks : 100

Instructions :

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	Name of the Examination :	
•	M. D.	
	Name of the Subject :	(
•	Emergency Medicine : Paper - I	
•	Subject Code No.:	Student's Signature

- (2) Attempt all questions.
- (3) All quesitons carry equal marks.
- (4) Write to the point and draw diagrams wherever applicable.
- 1 Anatomy of Larynx and predictors of difficult intubation. 5+5
- 2 Draw oxygen dissociation curve. Explain the clinical 2+3+5 relevance of its shape and Describe the factors that shift the curve to the left or right.
- 3 Discuss cerebral autoregulation and Various methods of 5+5 monitoring and reducing increased intracranial pressure.
- 4 Describe physiological changes in elderly. Write its 5+5 implications in trauma.
- 5 Pathophysiology of hypertensive crisis and its 5+5 management in emergency department.
- 6 Discuss causes, ECG changes and management of 3+3+4 hyperkalemia.

BB-2106100601010001] 1 [Contd...

7	Discuss pathophysiology, clinical features and management of anaphylaxis in emergency department.	3+3+4
8	What is confidence interval? Discuss its significance.	4+6
9	Write short notes on :	
	(a) Fresh frozen plasma	
	(b) Amiodarone	

- (c) Norepinephrine
- 10 Write types of Research methodology. Discuss observational 5+5 research methods in detail.

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BB-2106100601020001 M. D. Examination April - 2022 Emergency Medicine : Paper - II

Time : 3 Hours]

[Total Marks : 100

 Instructions :

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 Name of the Examination :

 M. D.

 Name of the Subject :

 Emergency Medicine : Paper - II

 Subject Code No. :

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Student's Signature

(2) Each question carries 10 marks.

(3) Write to the point and draw figure whenever appropriate.

1	Enumerate common causes of hypothyroidism. Clinical features of hypothyroidism and myxedema.	2 2 2
	Medical management of myxedema crisis	4
2	Approach to agitated and violent patient in Emergency Department.	10
3	Risk stratification and management for a patient with low probability Acute Coronary Syndrome.	10

- 4 Write about toxic epidermal necrolysis and steven 5+5 Johnson syndrome.
- 5 Write on ole of NIV (non invasive ventilator) in ED 10 (emergency department), indications, setting up, monitoring, drawbacks.

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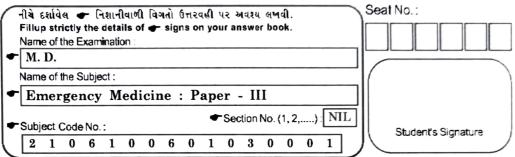
- 6 Assessment of severity of acute episode of asthma and 10 treatment of near fatal asthma.
- 7 A 20 years old presents with recurrent seizures and
 10 altered sensorium for 8 hours. He has a GTCS in ed also.
 How will you rapidly assess and manage this case. Enumerate the causes of status epilepticus. What are the indications of CT scan for seizure case in ED.
- 8 Rifle criteria for AKI, lab investigations and management. 10
- 9 Enumerate skin manifestations of HIV/AIDS and describe 10 in details about Herpes Zoster.
- 10 (a) What is routine new-born care?5
 - (b) How will you clinical evaluate dehydration in children? 5

BB-2106100601030001 M. D. Examination April - 2022 Emergency Medicine : Paper - III

Time : Hours]

[Total Marks :

Instruction :



1 Enumerate differential diagnosis of right lower quadrant 3+3+4 pain. Write on modified Alvarado score. Write on Laboratory testing and imaging of acute appendicitis.

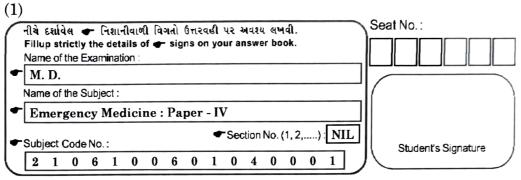
2	Flail Chest	10
3	Emergency department treatment of Head injury.	10
4	A 15 years old presents with acute scrotal pain in left scrotum. What are the differential and management of this patient.	10
5	List the peripheral and central causes of vertigo. Write on Benign Paroxysmal positional vertigo.	3+7
6	Acute angle-closure glaucoma.	10
7	Enumerate various level of proximal hip fracture and describes clinical presentation ofproximal hip fractures in ED. Write on Posterior Hip dislocation and reduction technique.	5+5
8	Mandible dislocation.	10
9	Clinical features and management of local anaesthetic toxicity.	10
10	Hyperemesis Gravidarum.	10

BB-2106100601040001 M. D. Examination April - 2022 Emergency Medicine : Paper - IV

Time : 3 Hours]

[Total Marks : 100

Instructions :



- (2) Attempt all questions.
- (3) All questions carry equal marks (10 marks).
- (4) Write to the point and draw diagrams wherever applicable.
- 1 Describe Triage in mass casualty. Discuss about hospital 4+6 disaster preparedness and planning.
- 2 Discuss pathophysiology, clinical features, diagnosis and 10 management of acid poisoning.
- Write criteria for diagnosis of brain stem death.
 Discuss on relevant aspects of organ donation after death.
- 4 Discuss Ethical and Legal issues in emergency 10 department.
- 5 Discuss various inhalation injuries and its management. 10
- 6 Discuss crush injury and crush syndrome. 10
- 7 Role of ultrasonography in non-trauma patients in 10 emergency department.

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- 8 The potential impact of COVID 19 virus on the heart 10 and the circulatory system and preventive measures.
- 9 Pathophysiology and clinical implications of Veno-arterial 10 PCO₂ gap.
- 10 Discuss ARDS new Berlin criteria and ventilator settings. 5+5 Discuss awake prone positioning in COVID 19 hypoxemic respiratory failure.

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