

BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE- INDIA
DOCTOR OF MEDICINE
M. D. EMERGENCY MEDICINE :SUMMER- 2022
SUBJECT : PAPER-I

Day : Friday
Date : 1/7/2022

S-722-2022

Time : 01:30 PM-04:30 PM
Max. Marks : 100

N.B.:

- 1) **Q.1 AND Q.2** are **COMPULSORY**.
 - 2) Attempt **ANY SEVEN** questions from **Q.3** to **Q.10**.
 - 3) Figures to the right indicate **FULL** marks.
 - 4) Draw neat and labelled diagrams **WHEREVER** necessary.
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Semi Long Questions:

Q.1 Discuss gross and microanatomy of lungs with diagram including physiology of Gas exchange. Discuss Clinical features and management of a patient presenting with Respiratory distress to the emergency medicine department. Describe in brief Ventilatory strategy in a Patient of ARDS. **(15)**

Q.2 Pathophysiology, clinical features and treatment of anaphylaxis? **(15)**

Short Answer:

(Answer **ANY SEVEN**, Each Question carries 10 Marks) **(70)**

Q.3 Write a note on lactic acidosis.

Q.4 Write a short note on noradrenaline.

Q.5 Describe the pathophysiology and approach to a patient in Septic shock. Discuss briefly RUSH protocol in Shock.

Q.6 Discuss pathophysiology and approach to a patient with cardiac rhythm disturbances. Classify antiarrhythmic drugs.

Q.7 Write approach to a patient presenting with symptomatic hyponatremia.

Q.8 Describe renal function tests relevant to Emergency physician. Describe pathophysiology of acute tubular necrosis in shock.

Q.9 Describe role of EM physician in Covid-19 Pandemic.

Q.10 Describe one hour bundle in septic shock.

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