



**BU-7263**

Seat No. \_\_\_\_\_

**Diploma in Anaesthesiology Examination**

**March - 2021**

**Anaesthesiology : Paper - I**

*(Anatomy, Physiology, Pharmacology, Basic Science)*

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Answer all questions.  
(2) Draw diagrams wherever necessary.  
(3) Marks are indicated on the right.

- 1 Describe the anatomy of brachial plexus with diagram. **5+5+10=20**  
What are the various sites for brachial plexus block,  
Complications and its management ?
- 2 Describe the pain- pathway. Discuss multimodal analgesia **5+15=20**  
for acute postoperative pain management.
- 3 Discuss the systemic manifestations of COVID- 19. **10+5+5=20**  
Enumerate oxygen delivery devices, discuss in detail about the  
High flow nasal oxygen therapy (HFNO).
- 4 Write short notes on : **10×2=20**  
(1) Minimum monitoring standards in anaesthesia.  
(2) Complications of central neuraxial block .
- 5 Write short notes on : **10×2=20**  
(1) Low flow anaesthesia : advantages and limitations.  
(2) Anaphylactic shock and its management.