

# Question Paper

Exam Date & Time: 03-Aug-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

SIXTH SEMESTER B.Sc. ANAESTHESIA AND OPERATION THEATRE TECHNOLOGY DEGREE EXAMINATION -  
AUGUST 2022  
SUBJECT: BAOTT 302 - SPECIALIZED SURGERY AND ANAESTHESIA  
(2019 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) Explain in detail the surgical procedures, positions and anaesthetic requirements of neurosurgery. (20)
- 2) Explain any three surgical procedure of the abdomen and discuss the preoperative evaluation, anaesthetic management and complications associated with abdominal surgeries. (20)
- 3) Explain in detail the indications and technique of awake fiberoptic intubation. (10)
- 4) Discuss the surgical and anaesthetic requirement of whipple's procedure. (10)
- 5A) Describe in detail the technique of peripheral venous cannulation. (5)
- 5B) Draw a neat labelled diagram of a fiberoptic bronchoscope. (5)
- 5C) Describe the components of cardiopulmonary bypass. (5)
- 5D) Explain the indications, working principle and limitations of pulse-oximetry. (5)
- 5E) Describe the surgical requirements and indication for TURP. (5)
- 5F) Explain management of one lung ventilation. (5)
- 6A) Classify antihypertensives. (2)
- 6B) Illustrate Glasgow coma scale. (2)
- 6C) Mention the sites for temperature monitoring. (2)
- 6D) Compare transthoracic echocardiography and transesophageal echocardiography. (2)
- 6E) Draw a neat labelled diagram of ECG. (2)

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