

**M.D. (ANAESTHESIA): SUMMER-2022**  
**SUBJECT: PAPER-III**  
**MEDICINE AND SURGERY AS APPLIED TO ANAESIOLOGY INCLUDING**  
**SUPERSPECIALTY SURGERIES**

Day: *Wednesday*  
Date: *06-07-2022*

Time: *1:30 P.M. TO 4:30 P.M.*  
Max. Marks: 100

*S-724-2022*

**N.B.:**

- 1) Draw Diagrams **WHEREVER** necessary.

**Long Questions**

**(15 Marks Each)**

- Q.1** Enumerate the functions of liver. Describe the anaesthetic management of patient with obstructive jaundice scheduled for Whipple's procedure.
- Q.2** Describe the methods of prevention of rise in intracranial tension? Discuss principles of anaesthesia management of posterior Fossa surgery.

**Semi-Long Questions (Answer ANY SEVEN)**

**(10 Marks Each)**

- Q.3** What are the limitations and hazards of anaesthetic management in MRI suite? Describe the anaesthetic management of a 6-month old child with hydrocephalus scheduled for MRI.
- Q.4** Discuss recent consensus criteria to define Acute Kidney injury. What are mechanisms for perioperative Acute Kidney injury.
- Q.5** Describe the role of Trans Esophageal Echocardiography(TEE) in a patient with coronary artery disease scheduled for surgery under general anaesthesia.
- Q.6** Describe the steps involved in thyroid hormone synthesis. Discuss preanaesthetic evaluation, optimization and anaesthetic management of a patient with thyrotoxicosis with Atrial fibrillation.
- Q.7** Discuss the anaesthetic concerns in a term pregnant woman with severe eclampsia posted for Caesarean section.
- Q.8** Tumescence anaesthesia technique and its complications.
- Q.9** A 8 days neonate comes with distension of abdomen posted for laparotomy discuss anaesthesia management.
- Q.10** Discuss anaesthesia management in 45 years patient for excision of Vocal cord nodule.