

# Rajiv Gandhi University of Health Sciences, Karnataka

## Fellowship Examination – 14-Feb-2024

**[Time: 3 Hours]****[Max. Marks: 100]**

### **LIVER TRANSPLANT AND HPB SURGERY – PAPER-II**

#### **QP Code: 4226**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**Answer All The Questions****10 X 10 = 100 Marks**

1. Normothermic machine perfusion and its advantages in liver transplantation.
2. Etiopathogenesis, types and management of Hepatorenal syndrome (HRS).
3. Donation after cardiac death (DCD) principles and procedure. How do the outcomes compare in relation to DBD donors?
4. Autoimmune liver diseases spectrum of presentation and management.
5. Outline the etiology, pathogenesis and management of Budd-chiari syndrome.
6. A 45 year old male presents in the ER with history of blunt injury abdomen. Fast scan shows hemoperitoneum and a laceration in liver parenchyma. Outline the next steps in management.
7. Pregnancy related liver diseases and management.
8. Histology of normal liver. Explain the grading of acute cellular rejection (Banff grading) post liver transplantation.
9. Liver blood flow, physiology, measurement and clinical relevance.
10. Explain the physiology of liver regeneration, mechanisms and clinical relevance.

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