

Rajiv Gandhi University of Health Sciences

Second Year M.Sc. (Perfusion Technology) Degree Examination - OCT-2019

[Time: 3 Hours]

[Max. Marks: 100]

ORGAN TRANSPLANTATION

Q.P. CODE: 9087

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

LONG ESSAY

2 X 20 = 40 Marks

1. Explain the techniques of Orthotopic cardiac transplantation and explain about intensive care management.
2. A 50 years old male patient underwent cardiac transplantation, weaned off CPB, on the 2nd POD RV and PA pressures were high, diagnosed RV dysfunction and primary graft dysfunction.
 - a. Which mode of support will you choose as a treatment (ECMO or VAD)?
 - b. Discuss on cannulation method.
 - c. Management of circulatory Support

SHORT ESSAY

6 X 10 = 60 Marks

3. Cyclosporine
4. List and briefly describe five complications after transplantation.
5. Role of perfusionist in renal transplantation
6. Explain about basic transplant immunology.
7. Recent advances in organ preservation
8. Perfusionist role in retrieval of lung transplantation

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