

Rajiv Gandhi University of Health Sciences

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

[Time: 3 Hours]

[Max. Marks: 100]

CARDIAC SURGERY

Q.P. CODE: 9081

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. What is aortic aneurysm? Explain in detail about pathophysiology, diagnosis and management.
2. Write an essay on pathophysiology of mitral valve regurgitation. Describe briefly on its different surgical management.

SHORT ESSAY

6 X 10 = 60 Marks

3. Write a short note on hematological complications of cardiac surgery.
4. Write briefly on the different conduits used for coronary artery revascularization.
5. Write a short note on cerebral protection in aortic dissection
6. Explain types of ASD and surgical correction.
7. Write a short note on Ischemic ventricular septal rupture and its surgical management.
8. Write a short note on Prosthetic heart valve.

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