

[LB 028]

AUGUST 2012

Sub. Code: 1504

M.Ch – CARDIO VASCULAR AND THORACIC SURGERY

Paper – IV RECENT ADVANCES IN THORACIC AND
CARDIO VASCULAR SURGERY

Q.P. Code: 181504

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

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| 1. Discuss the role of Lung Transplant in the management of respiratory disorders. | 16 | 35 | 15 |
| 2. Discuss the recent advances in the management of single ventricle. | 16 | 35 | 15 |

II. Write notes on:

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| 1. Contra indications for surgery in Bronchogenic carcinoma. | 4 | 10 | 7 |
| 2. Describe dynamic cardio myoplasty and its benefits. | 4 | 10 | 7 |
| 3. Elaborate on Alternative conduits for CABG. | 4 | 10 | 7 |
| 4. Describe indications, advantages and disadvantages of Transmyocardial laser treatment. | 4 | 10 | 7 |
| 5. Explain about Homograft procurement and methods of preservation. | 4 | 10 | 7 |
| 6. Classification of various substances released by the endothelium. | 4 | 10 | 7 |
| 7. What are various ventricular assist devices and its indications. | 4 | 10 | 7 |
| 8. Describe DORS procedure and its indications. | 4 | 10 | 7 |
| 9. Explain different methods of CNS monitoring during open heart surgery and its advantages. | 4 | 10 | 7 |
| 10. Describe the benefits, operative procedure and disadvantages of awake cardio thoracic surgery. | 4 | 10 | 7 |
