

**March 2009**

**[KU 144]**

**Sub. Code: 2039**

**M.D. DEGREE EXAMINATION**

**Branch X – ANAESTHESIOLOGY  
(Common to all candidates)**

**MEDICINE APPLIED TO ANAESTHESIOLOGY**

*Q.P. Code : 202039*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary**

**Answer ALL questions**

**I. Essay questions : (2 x 20 = 40)**

1. Describe the pathophysiology of rheumatic valvular heart disease.  
Discuss in brief the cardiopulmonary bypass management of valvular replacement.
2. Anaesthetic management of posterior cranial fossa tumor.

**II. Write short notes on : (10 x 6 = 60)**

1. Anaesthetic consideration in electroconvulsive therapy.
2. Lung compliance.
3. Amniotic fluid embolism.
4. Soda bicarbonate.
5. Post-operative jaundice.
6. Neuro endocrine stress response.
7. TURP syndrome.
8. Pre-operative preparation in case of broncho pleural fistula.
9. Anaphylactic shock.
10. Temporomandibular joint ankylosis.

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September 2009

[KV 144]

Sub. Code: 2039

**M.D. DEGREE EXAMINATION**

**Branch X – ANAESTHESIOLOGY**  
(Common to all candidates)

**MEDICINE APPLIED TO ANAESTHESIOLOGY**

*Q.P. Code : 202039*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary**

**Answer ALL questions**

**I. Essay questions :** (2 x 20 = 40)

1. Discuss the causes, diagnosis and management of cardiac dysrhythmias during anaesthetic practice.
2. Discuss the anaesthetic considerations and pathophysiology in obese patients.

**II. Write short notes on :** (10 x 6 = 60)

1. Thyroid storm
2. TURP syndrome
3. Diabetic ketoacidosis
4. Angiotensin receptor blockers
5. Preanaesthetic preparation of chronic smokers
6. Vasopressin in anaesthesia and ICU
7. Methods of airway assessment
8. Glassgow coma scale
9. End stage renal failure
10. Plasma volume expanders.

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**March 2010**

**[KW 144]**

**Sub. Code: 2039**

**M.D. DEGREE EXAMINATION**

**Branch X – ANAESTHESIOLOGY**

**Paper II – (for candidates admitted from 2004-05 to 2007-08) and  
Part II / Paper I – (for candidates admitted from 2008-2009 onwards)**

**MEDICINE APPLIED TO ANAESTHESIOLOGY**

***Q.P. Code : 202039***

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary**

**Answer ALL questions.**

**I. Essay questions : (2 x 20 = 40)**

1. Anaesthetic management of a child of 4 yrs. posted for tetralogy of Fallot correction under cardiopulmonary bypass.
2. Discuss bronchopleural fistula and its anaesthetic management.

**II. Write short notes on : (10 x 6 = 60)**

1. Bispectral index.
2. HELLP syndrome.
3. Brain death.
4. Digitalis.
5. Porphyria.
6. Cushing syndrome – Anaesthetic problem and management.
7. Physiological changes in aged.
8. Kyphoscoliosis – anaesthetic problem.
9. Electrical burns.
10. Quincke and anaesthesia.

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