MANIPAL UNIVERSITY

SECOND YEAR B.Sc. C.V.T. DEGREE EXAMINATION – DECEMBER 2011

SUBJECT: PAPER I: PATHOLOGY

Monday, December 12, 2011

Time: 10:00-11:30 Hrs.   Max. Marks: 40

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1.   Define inflammation. Describe the vascular and cellular events in inflammation.

(1+3+4 = 8 marks)

2.   Define atherosclerosis. Discuss the predisposing factors and clinical effects of atherosclerosis.

(1+3+3 = 7 marks)

3.   Write short notes on:

3A.   Bronchial asthma

3B.   Leprosy

3C.   Features of malignant tumors with examples

3D.   Pneumoconiosis

3E.   Hemophilia

(5×5 = 25 marks)

Reg. No.											

MANIPAL UNIVERSITY
SECOND YEAR B.Sc. C.V.T. DEGREE EXAMINATION – DECEMBER 2011
SUBJECT: PAPER II - MICROBIOLOGY

Wednesday, December 14, 2011

Time: 10:00-11:30 Hrs.   Max. Marks: 40

✍ **Draw diagrams wherever appropriate.**

1. Draw a neat labeled diagram of a bacterial cell. Explain the bacterial cell envelope.

(2+6 = 8 marks)

2. Define classical PUO and explain the steps involved in its investigation.

(2+5 = 7 marks)

3. **Write short notes on:**

3A. Delayed hypersensitivity

3B. Standard precautions

3C. Acute rheumatic fever

3D. Laboratory diagnosis of infective endocarditis

3E. Pathogenesis of gas gangrene

(5×5 = 25 marks)

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SECOND YEAR B.Sc. C.V.T. DEGREE EXAMINATION – DECEMBER 2011

SUBJECT: PAPER IV – DIAGNOSTIC AND THERAPEUTICS CARDIOLOGY

Thursday, December 15, 2011

Time: 10:00-13:00 Hrs.   Max. Marks: 80

✍ **Answer ALL the Questions. Label the diagram wherever necessary.**

1. Describe ECG changes that can occur in TMT, their clinical significance and enumerate the indications for stopping TMT.

(20 marks)

2. Explain the types, diagnostic methods and management of aortic dissection.

(20 marks)

3. **Short note Questions:**

3A. Principles of CW Doppler and its application

3B. Pulmonary Hypertension

3C. WPW Syndrome

3D. ECG changes in AV block

3E. Various Views in Cath lab.

(8×5 = 40 marks)

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