THIRD SEMESTER BACHELOR OF CLINICAL OPTOMETRY/B.Sc. H.I.A./B.Sc. M.I.T. DEGREE EXAMINATION – JUNE 2017

SUBJECT: PATHOLOGY

(BOP 209:GS - 2012 SCHEME/BHI 201:CBS - 2015 & 2014 SCHEME/MIT 203: 2014 SCHEME)

Thursday, June 15, 2017

Time: 10:00-11:30 Hrs.

Max. Marks: 40

- Answer ALL questions.
- 1. Define shock. What are the various types of shock? Describe the pathogenesis of septic shock.

(1+2+5 = 8 marks)

2. Define neoplasia. Write the differences between benign and malignant tumours.

(1+6 = 7 marks)

- 3. Write short notes on:
- 3A. Thrombocytopenia
- 3B. Iron deficiency anaemia
- 3C. Lepromatous leprosy
- 3D. Phagocytosis
- 3E. Factors influencing thrombosis

 $(5 \text{ marks} \times 5 = 25 \text{ marks})$

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THIRD SEMESTER BACHELOR OF OPTOMETRY/CLINICAL OPTOMETRY/B.Sc. M.I.T. DEGREE EXAMINATION – JUNE 2017

SUBJECT: MICROBIOLOGY (BOP 209:GS – 2012 SCHEME/MIT 205:2014 SCHEME)

Saturday, June 17, 2017

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Time:	10	:00	- 1	1:3	U Hrs.

Max. Marks: 40

- 1. Classify hypersensitivity reactions. Explain the mechanism and mediators of hypersensitivity mediated by IgE.

(2+4+2 = 8 marks)

2. Classify sterilization. Describe the working principle and applications of autoclave.

(3+4 = 7 marks)

- 3. Write short notes on:
- 3A. Humoral immune response
- 3B. Virion structure
- 3C. Investigation of hospital associated infections
- 3D. Bacterial growth curve
- 3E. Classification of fungi based on morphology

 $(5 \text{ marks} \times 5 = 25 \text{ marks})$

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THIRD SEMESTER B.Sc. M.I.T. DEGREE EXAMINATION – JUNE 2017

SUBJECT: MIT 201T – ORTHOPEDICS (2014 SCHEME)

Tuesday, June 20, 2017

Time: 10.00-11.30 Hrs.

Max. Marks: 40

- Answer ALL the questions.
- 1. Define Orthopaedics. Who is the father of Orthopaedics? Explain the symbol of Orthopaedics.

(10 marks)

- 2. Short notes:
- 2A. Anatomy of clavicle
- 2B. Role of External fixation in Orthopaedics
- 2C. Thomas Splint
- 2D. Definition and classification of osteoporosis
- 2E. Internal prostheses
- 2F. Perthes' disease

 $(5 \text{ marks} \times 6 = 30 \text{ marks})$

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THIRD SEMESTER B.Sc. M.I.T. DEGREE EXAMINATION – JUNE 2017

SUBJECT: MIT 209T – ENT (2014 SCHEME)

Thursday, June 22, 2017

Time: 10.00-11.30 Hrs.

Max. Marks: 40

1. Write a note on chronic sinusitis: clinical features, complications and radiological assessment.

(3+3+4 = 10 marks)

- 2. Write short notes on the following topics, with emphasis on radiological evaluation:
- 2A. Epistaxis
- 2B. Chronic suppurative otitis media tubo tympanic type
- 2C. Nasal bone fractures
- 2D. Dysphagia
- 2E. Deviated nasal septum
- 2F. Acute suppurative otitis media

 $(5 \text{ marks} \times 6 = 30 \text{ marks})$