

# Post Graduate Institute of Medicine, University of Colombo

## Selection Examination in MSc Biomedical Informatics

### Guidelines for Candidates Sitting the Selection Examination

#### TIME TABLE

Component	Date	Time
Theory –MCQ paper	Thursday 7 <sup>th</sup> January 2010	9.30 am – 11.30 am
Viva- Practical (for candidates who qualify the MCQ paper)	Monday 15 <sup>th</sup> February 2010	10.00 am

#### COMPONENTS OF THE SELECTION EXAMINATION

07 January 2010: 9.30 a.m. To 11.30 a.m.

For whom?            All applicants

Type of exam:        60 True/False type MCQ paper

Duration:             2 hours

Questions would be based on the following subject areas:

- Computer Hardware
- Computer Software
- Information Technology including data communication and the Internet
- General logic
- General awareness of application of computers and information technology in health care
- General health sciences

**Example MCQs:**

Essential components of a computer are

- A. printer                      incorrect
- B. scanner                     incorrect
- C. hard disk                  correct
- D. monitor                    correct
- E. keyboard                  correct

On-line Telemedicine includes

- A. a telephone call            correct
- B. a computer chat            correct
- C. video-conferencing        correct
- D. robotic surgery             correct
- E. an email                     incorrect

What is the next number in the following series?

3, 9, 27,

- A. 30                              incorrect
- B. 45                              incorrect
- C. 60                              incorrect
- D. 81                               correct
- E. 96                               incorrect

Components of a primary health care service include

- A. immunization services      correct
- B. antenatal care services       correct
- C. treatment of acute appendicitis    incorrect
- D. brain surgery                  incorrect
- E. genetic screening                correct

In the binary number system 1101 is

- A. 4                                incorrect
- B. 6                                incorrect
- C. 9                                incorrect
- E. 13                               correct
- F. 24                               incorrect

VIVA DATE: 15<sup>th</sup> February 2010, 10 a.m. onwards

For whom? For candidates who qualify the MCQ Paper

Type of exam: Viva/practical examination

Mode: Local candidates face to face  
Foreign candidates via video conferencing

Duration: 10 minutes, with two examiner panel