

## **Guidelines for MPhil Clinical Epidemiology entrance examination 2014**

The select list for MPhil Clinical Epidemiology 2014 will be published shortly. All the applicants who does not come under the select list (those under service quota) need to appear for the entrance test. The details of the entrance test are provided below.

Date and time of the examination : 30-7-2014 at 10 am.

Mode of Examination: Written examination only

The duration of examination is two hours (10 AM-12 Noon)

Venue : CERTC, Medical College, Trivandrum

Total marks 100

The questions include MCQ, one word answer questions, Short answer questions and one page essay questions.

The candidates should report half an hour before the start of examination with sufficient proof of photo identity.

### **Topics include**

- Introductory and basic biostatistics: Presentation of data, what is meant by measures of central tendency and dispersibility, What is meant by statistical inference, population and sample.
- Introductory epidemiology: inference from analysis of clinical scenarios.
- Basics of bioethics.
- Basics of Research methodology

There will be few questions to assess the research interest and aptitude also.

The questions will be generic, so as to suit the requirements of all departments.

### **Suggested readings:**

Introduction to Biostatistics and Research Methods: P.S. SundarRao, J Richard: Fourth edition, 2011  
PHI Learning Pvt Ltd New Delhi

Park's text book of Preventive and Social Medicine: K Park: Twenty second Edition 2013

Clinical Epidemiology: The Essentials Fifth Edition Robert H Fletcher, Suzanne W fletcher & Grant S Fletcher Lippincott Williams & Wilkins 5<sup>th</sup> edition 2014

Epidemiology made Easy: Poornima Tiwari and Shashank Tiwari 2006, Jaypee Brothers medical publishers

Indian Good Clinical Practices [www.http.cdsc.nic.in/html/GCP.htm](http://www.cdsc.nic.in/html/GCP.htm)

ICMR: Ethical Guidelines for Biomedical research on human participants ICMR, NewDelhi, 2008