

**Scheme for P.S.T. for recruitment to the post of  
Lecturer in Electronics & Instrumentation Engineering  
in Govt. Polytechnics under Commission's advt. no.  
14[3(xiii)]/2014**

1. Type of Test : MCQ Type in OMR sheet with four different series, viz. A, B, C & D.
2. Full Marks : 100
3. No. of questions : 100 multiple choice questions carrying 1 mark each.  
There shall be negative marking for each wrong answer as per norms @  $\frac{1}{3}$  mark for each wrong answer.
4. Duration of Test : 1 hour 30 minutes.

# Arrangement of questions and Syllabus for Lecturer in Electronics & Instrumentation Engg

## TOPICS

A.

- i) Fundamentals of Electronics
  - ii) Circuit Theory
  - iii) Fundamentals of Instrumentation
  - iv) Analog Electronics
  - v) Digital Electronics
- } 8 – 12 questions

B.

- i) Electrical Measurement & Measuring Instruments
  - ii) Process Instrumentation
  - iii) Electronic Measuring Instruments
  - iv) Process Control
  - v) Industrial Electronics
  - vi) Microprocessor
  - vii) Analytical Instrumentation
  - viii) Electronic Communication Fundamentals
- } 6 – 10 questions

C.

- i) Optical Instrumentation
  - ii) Biomedical Instrumentation
- } 4 questions