

NATIONAL REMOTE SENSING CENTRE  
ADVERTISEMENT NO.NRSC/RMT/3/2017 DATED 20.05.2017

**Name of the Post : Technician – B (Electronic Mechanic)**

**Post Code : TB 1**

**SYLLABUS – WRITTEN TEST**

Type of Examination	:	Objective Type (Multiple Choice Questions)
No. of Questions	:	80 Questions
Apportionment of marks	:	Each Question carries one mark.
Duration of Examination	:	02 Hours

**Qualification Requirement : ITI/NTC/NAC in Electronic Mechanic Trade.**  
*(Examination will broadly comprise of below mentioned topics as covered in ITI/NTC/NAC in Electronic Mechanic Trade.)*

- 1 Basics of AC and Electrical Cables
  - 2 Battery /Cells
  - 3 Passive Components
  - 4 Transformers
  - 5 AC & DC Measurements
  - 6 Rectifiers and IC Regulators:
  - 7 Computer Hardware, OS, MS office, Networking
  - 8 Transistor, Amplifiers
  - 9 Power Electronics Components
  - 10 Basic Gates and combinational circuits
  - 11 Electronic Cables and Connectors :
  - 12 Communication Electronics :
  - 13 Microcontrollers (8051) , Sensors ,Transducers and Applications :
  - 14 Fibre Optic Communication :
  - 15 UPS and SMPS :
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