

## TSPSC Lab Technician Exam Pattern 2019

Exam Type	Papers	Subjects	Questions	Marks	Exam Duration
Objective Type	Paper 1	General Abilities	50	50	50 Minutes
	Paper 2	Clinical Bio-Chemistry, Clinical Micro-Biology & Clinical Pathology	100	100	100 Minutes
<b>Total</b>			<b>150</b>	<b>150</b>	<b>150 Minutes</b>

## TSPSC Lab Technician Syllabus 2019

### General Abilities

- Telangana Statehood movement and formation of Telangana State.
- Moral values and Professional ethics.
- Society, Heritage, and Culture.
- Economy.
- Development Programmes in India and Telangana.
- Disasters and Disaster management.
- Food adulteration, Food processing, food distribution, food storage and their relevance to public health.
- Recent trends in Science and Technology.
- Logical Reasoning.
- Analytical Ability and Data Interpretation.
- Current Affairs – International, National, and State.
- Natural Resources in India and Telangana.
- Impact of changing demographic trends in health, environment, and society.
- Agriculture, Industry, Trade, Transportation and Service sectors in India and Telangana.
- Basic concepts of Ecology & Environment and their impact on health and economy.
- Human Development Indices.
- Polity.

### Clinical Biochemistry

- Water, chemicals, solutions, and reagents.
- Specimen collection, storage & Transport.
- Laboratory Services.
- Biochemistry topics.
- Infrastructure in the laboratories.

### Clinical Microbiology

- Virology.
- Automation in Microbial Identification.
- General Microbiology.
- Bacteriology.

- Mycology & Parasitological.

### **Clinical Pathology**

- Hematology.
- Histopathology.
- Cytology and general pathology.
- Clinical pathology.
- Immunohematology.

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