

(An Autonomous Institute of the Department of Biotechnology, Govt. of India)
NCR Biotech Science Cluster, 3rd Milestone, Faridabad – Gurugram Expressway,
P.O. Box No. 04, Faridabad - 121001

Recruitment notice no. – THS/RN/36/2022

**Selection pattern and Syllabus for technical evaluation
for the post of Technical Officer I (Information Technology)**

I. Selection pattern

S. No.	Exam pattern	No. of Questions/ Marks	Duration of Exam	Exam Centre
1	Technical Evaluation			
	Multiple choice questions (MCQ) based written test	60 questions x 1 Mark each	60 Mins	THSTI, Faridabad
	Note : There will be negative marking @0.25 marks for every wrong answer in MCQ.			
	Practical knowledge test	40 marks	60 Mins.	THSTI, Faridabad

II. Syllabus

S.No.	Exam pattern	Syllabus
1.	Written and practical test	<ul style="list-style-type: none"> • C C#/PHP: Tokens, Identifiers, Data Types, Sequence Control, Subprogram Control, Arrays, Structures, Union, String, Pointers, Functions • Web development: HTML, DHTML, XML, Java programming, PHP/ASP.NET • Database Management Systems: Database System Concepts and Architecture: Data Models, Schemas, and Instances; Three-Schema Architecture and Data Independence; Database Languages and Interfaces. • SQL: Data Definition and Data Types; Constraints, Queries, Insert, Delete, and Update Statements; Views, Stored Procedures, and Functions. • Linux Operating Systems: Simple command with administrators.