

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

## Recruitment notice no. - THS/RN/09/2022

Selection pattern and Syllabus for the written test and skill test  
for the post of Technical Officer - I

### I. Selection pattern

S. No.	Selection stage	Exam type	Exam pattern	Marks	Duration of Exam
1.	Stage - I	Written test	Multiple choice questions (General awareness)	50 Marks	90 min
			Multiple choice questions (Subject knowledge based questions)	50 Marks	
2.	Stage - II	Skill Test	Computer skills	10 Marks	60 min
			Technical skills	15 Marks	
For stage-I: Each question carries one mark. There will be a negative marking of 0.25 for every wrong answer.					

### II. Syllabus for the online/ written test and skill test

S. No.	Exam pattern	Syllabus
1.	Multiple choice questions (General awareness)	Numerical Aptitude, English Language, General Knowledge, Current Affairs and Logical Reasoning
2.	Multiple choice questions (Subject knowledge based questions)	➤ Technical knowledge (i) Nucleic acid chemistry and functions (ii) Nucleic acid extraction, manipulation, and sequencing (iii) DNA and RNA sequencing technology (iv) First generation and next generation sequencing platform application and operation (v) Sequencing read quality monitoring and analysis (vi) Data organisation and reporting ➤ Technical knowledge about Information Technology (IT)
3.	Computer skills	Practical MS Office/Database search knowledge
4.	Technical skills	Practical subject knowledge