

DFCCIL MTS, Executive Exam Pattern/ Syllabus]

(A) Details of Computer Based Test (CBT) is as under:

- There shall be two-stage CBT (1st Stage CBT and 2nd Stage CBT) for all Advertised posts.
- The standard of question for both 1st and 2nd stage CBT will be generally in conformity with the Educational Standard prescribed for the posts.
- Negative Marking:** There shall be negative marking in both 1st and 2nd stage CBT and as such 1/4th of the marks allotted for each question shall be deducted for each wrong answer.
- 1st stage CBT will be of screening nature.
- The score / normalized score of 1st stage CBT shall be used only for shortlisting candidates for the 2nd stage CBT.

Note: DFCCIL reserves the right to increase or decrease the number of candidates to be called for next stage of Selection.

- Candidates who are shortlisted for 2nd stage CBT/PET (where applicable) availing the benefit of reservation, shall continue to be considered only against that Community/ Category for all subsequent stages of Recruitment process
- 1st stage CBT will consist of 100 Multiple Choice Objective Type Questions of 01 mark each and the Exam duration will be 90 minutes (120 minutes for eligible PwBD candidates with Scribe). The Indicative Syllabus (Section-wise distribution of marks) for 1st stage CBT is given below:

SN	Topic	Number of Questions
1	Mathematics / Numerical Ability	30
2	General Awareness	15
3	General Science	15
4	Logical Reasoning /General Intelligence	30
5	Knowledge about Railways/DFCCIL	10
Total		100

Note: The above syllabus (Section-wise distribution of marks) is only indicative and there may be some variation in the actual Question Paper.

2nd Stage CBT will consist of 120 Multiple Choice Objective Type Questions of 01 mark each and the Exam duration will be 120 minutes (160 minutes for eligible PwBD candidates with Scribe). Indicative Syllabus for 2nd stage CBT.

- x) If Question Paper consists of more than one Section, then there will be no Sectional cutoff in case of CBT.
- xi) Marks / normalized marks obtained in 2nd stage CBT will be considered for formation of Panel (final result).
- xii) All candidates of a Community having same cut-off marks will be called for 2nd Stage CBT/PET.
- xiii) Maximum size of final Panel will be equal to the number of advertised vacancies (community-wise).
- xiv) The candidates shortlisted for 2nd Stage CBT shall be advised through the websites of DFCCIL as well as through the registered Mobile Number and E-mail to download their e-Admit Card for appearing in the 2nd Stage CBT.
- xv) The Question Paper will be set in English & Hindi only. In case of any difference/discrepancy/dispute in questions between English and Hindi versions, the contents of English version shall prevail.

Indicative syllabus for various posts (Total 120 Questions)

A. Junior Manager (Finance) (Post Code : 11) :

- a. Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning, etc.
- b. Part-II (96 Questions) : Accounting and IND AS Standards, Financial Reporting, Strategic Financial Management, Advanced Auditing, Professional Ethics, Strategic Cost, Management and Performance Evaluation, Corporate & Economic Laws, Direct Tax Laws, Indirect Tax Laws, Enterprise Information Systems, Risk Management, Financial Services & Capital Markets, Computer Application in Business, E Filing of Returns, etc.

B. Executive (Civil) (Post Code: 21) :

- a. Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning etc.
- b. Part-II (96 Questions): Engineering and Solid Mechanics, Structural Analysis, Building & Construction Materials, Concrete (MCC, RCC & PSC) and Steel Structures Design, Soil Mechanics, Foundation Engineering, Public Health Engineering, Transportation Engineering, Hydraulics, Hydrology & Hydraulics Structures, Engg. Drawing, Estimation and surveying etc

C. Executive (Electrical) (Post Code: 22) :

- a. Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning etc.
- b. Part-II (96 Questions) : Power Transmission & Distribution, Circuit Analysis & Control system, Machines, Electronics, Measurement, Rest etc

D. Executive (Signal & Telecommunication) (Post Code : 23) :

- a. Part-I (24 Questions) : General Knowledge, General Aptitude/Reasoning etc.
- b. Part-II (96 Questions): Electronic Components & Materials, Electronic Devices and Circuits, Digital Electronics, Linear Integrated Circuit, Microprocessor and Microcontroller, Electronic Measurements, Communication Engineering, Data Communication and Network, Computer Programming, Basic Electrical Engineering, etc.

E. Multi-Tasking Staff (MTS) (Post Code : 31) :

General Knowledge, Numerical/Mathematical Ability, General Intelligence, Logical Reasoning, General Science, Knowledge about Railways/DFCCIL