The syllabus for DFCCIL-JE (Dedicated Freight Corridor Corporation of India Limited - Junior Engineer) exam typically includes the following subjects and topics:

1. General Knowledge/Awareness:

- Current Affairs
- Indian History and Culture
- Indian Geography
- Indian Polity and Governance
- General Science
- Economics and Budget
- Sports and Games
- Awards and Honors
- Science and Technology
- 2. Arithmetic:
- Number Systems
- Decimals and Fractions
- LCM and HCF
- Ratio and Proportion
- Percentage
- Profit and Loss
- Simple and Compound Interest
- Time and Work
- Time and Distance
- Mensuration
- Elementary Algebra
- Geometry and Trigonometry
- 3. General Intelligence and Reasoning:
- Analogies
- Alphabetical and Number Series
- Coding and Decoding
- Mathematical Operations
- Relationships
- Syllogism
- Statement and Conclusion
- Directions
- Venn Diagrams
- Data Interpretation and Sufficiency
- Conclusions and Decision Making
- 4. General Science and Technical Ability (based on the candidate's chosen engineering discipline):

- Civil Engineering
- Mechanical Engineering
- Electrical Engineering
- Electronics Engineering
- Computer Science and Information Technology