

UPSIDC Assistant Engineer Exam Pattern

Sl.No	Subject Names	Number Of Questions	Number Of Marks	Time Duration
1	Subject Related Field	150	150	
2	General Knowledge/ Awareness	20	20	3 Hours
3	Reasoning	20	20	
4	General Hindi	10	10	

UPSIDC Syllabus - Topic Wise

Civil Engineering

1. Strength of Materials.
2. Project Management and Estimating.
3. Building Materials and Construction Practices.
4. Environmental Engineering and Pollution Control.
5. Hydraulics and Water Resources Engineering.
6. Engineering Survey.
7. Geotechnical Engineering.
8. Urban and Transportation Engineering.
9. Structural Analysis.
10. Design of Reinforced Concrete, Prestressed Concrete and Steel Structures.

Electrical Engineering

1. Electrical Machines.
2. Measurements and Instrumentation.
3. Electrical Circuits.
4. Electric and Magnetic Fields.
5. Renewable Energy Sources and Storage Devices.
6. Power Systems.
7. Control Systems.
8. Digital Processing and Communication.
9. Analog and Digital Electronics.
10. Power Electronics and Drives.

Design Engineering

1. Topics Related to Design Aspects

General Knowledge/ Awareness

1. National Dance
2. Music & Literature
3. Political Science
4. World organizations
5. Countries and Capitals
6. Famous Places in India
7. Books and Authors
8. Indian Culture
9. Important Dates
10. About India and its neighboring countries
11. Science and innovations
12. New inventions
13. Economic problems in India
14. Geography of India
15. National and International current affairs
16. Scientific observations

Reasoning

1. Arithmetical Reasoning
2. Mathematical Operations
3. Venn diagrams
4. Number Series
5. Figural Pattern
6. Cubes and Dice
7. Analogies
8. Non-Verbal Series
9. Coding-Decoding
10. Logical Venn Diagrams
11. Directions
12. Number, Ranking & Time Sequence
13. Number Ranking
14. Figurative Classification
15. Classification
16. Blood Relations
17. Arrangements

General Hindi

1. Antonyms
2. Active and Passive Voice
3. Substitution

4. Sentence Improvement
5. Synonyms
6. Spelling Test
7. Fill in the blanks
8. Spotting Errors
9. Para Completion
10. Joining Sentences
11. Error Correction
12. Substitution
13. Passage Completion
14. Idioms and Phrases
15. Sentence
16. Completion
17. Error Correction
18. Transformation
19. Prepositions
20. Sentence Arrangement

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