

WBPSK Workshop Instructor Exam Pattern

| Sl.No | Name of the Subjects | Type of Examination |
|-------|----------------------|---------------------|
| 1. | General Intelligence | Objective type |
| 2. | Numerical Aptitude | |
| 3. | General English | |
| 4. | General Awareness | |
| 5. | Reasoning | |
| 6. | Relevant disciplines | |

WBPSK Workshop Instructor Syllabus 2020-Topics Wise

General Intelligence

1. Current GK.
2. Sports.
3. General Polity including Indian Constitution.
4. Sports & Games.
5. Countries & Currencies.
6. Countries and Capitals.
7. Economic Scene.
8. Art & Culture.
9. Scientific Research.
10. Daily News.
11. Culture.
12. History.
13. Geography.
14. Current Events.
15. National & International affairs.
16. Famous Personalities.
17. States & Capitals.

Numerical Aptitude

1. Percentages.
2. Ratio and Time.
3. Time and Work.
4. Number Systems.
5. Fundamental Arithmetical Operations.
6. The relationship between Numbers.
7. Use of Tables and Graphs Mensuration.
8. Time and Distance
9. Ratio & Proportion.
10. Profit and Loss.
11. Decimals and Fractions.
12. Computation of Whole Numbers.
13. Averages.
14. Interest & Discount.

General English

1. Grammar.
2. Fill in the Blanks.
3. Articles.
4. Correction of sentences.
5. Antonyms.
6. Idioms & Phrases.
7. Adjectives.
8. Sentence Rearrangement.
9. Unseen Passages.
10. Synonyms.
11. Subject-Verb Agreement.
12. Spelling Test
13. Substitution
14. Passage Completion
15. Idioms and Phrases
16. Sentence

Reasoning

1. Analogy.
2. Logic.
3. Statement – Conclusions.
4. Eligibility Test.
5. Number, Ranking & Time Sequence.
6. Alphabet Test.
7. Alpha-Numeric Sequence Puzzle.
8. Mathematical Operations.
9. Statement – Arguments.
10. Statement – Arguments.
11. Logical Sequence of Words.
12. Puzzle Test.
13. Arithmetical Reasoning.

Relevant Disciplines

Mechanical

1. Inventory Control
2. The Strength of Materials
3. Theory of Machines
4. The design of Machine Elements
5. Calculus
6. Manufacturing Analysis
7. Tool Engineering Metrology and Inspection
8. Vector Calculus
9. Production Planning and Control
10. Numerical Methods
11. Engineering Mechanics
12. Probability & Statistics

Electrical

1. Power System Analysis & Control
2. Switch Gear and Protection etc
3. Electrical Instrumentations
4. Power System Protection
5. Power Electronics & Drives
6. Analog and Digital Electronics
7. Electronics Devices
8. Power Systems

Electrician

1. Broad banding techniques
2. Transient and steady-state response of control systems
3. Concepts of gain and phase margins
4. Constant-M and Constant-N Nichol's Chart
5. Analog Electronic Circuits
6. Digital Electronic Circuits
7. Physical Electronics
8. Electron Devices and ICs
9. Signals and Systems
10. Control Systems
11. Network Theory
12. Electromagnetic Theory
13. Frequency
14. Power amplifiers