

Problem Solving | Aptitude Test | Week 34

Started: Oct 26 at 12:23pm

Quiz Instructions

1. **Understand the Format:** Begin by understanding the format of the aptitude interview. Know what types of questions you might encounter, such as numerical reasoning, logical reasoning, verbal reasoning, and problem-solving questions.
2. **Review Basics:** Refresh your knowledge of fundamental concepts in mathematics, logical reasoning, and language skills. This might include concepts like percentages, ratios, algebra, geometry, critical thinking, vocabulary, and grammar.
3. **Practice Regularly: Mock Tests:** Obtain sample or mock aptitude tests online or from books. These tests simulate the actual interview conditions and help you become familiar with the question types and time constraints.
4. **Time Management:** Practice solving questions under time pressure. Time yourself to ensure you're not spending too much time on any single question.
5. **Analyze Mistakes:** Review the questions you answered incorrectly. Understand where you went wrong, and learn from your mistakes. This will help you improve your problem-solving skills.
6. **Work on Speed and Accuracy:**
Speed: Aptitude tests are time-sensitive. While practicing, focus on increasing your speed without compromising accuracy.
Accuracy: Remember that incorrect answers can often result in negative marking, so it's important to answer questions you're confident about.
7. **Learn Techniques:**
Shortcut Methods: Explore shortcut methods to solve mathematical problems quickly. These methods can save you valuable time during the test.
Logical Reasoning Patterns: Understand common logical patterns used in reasoning questions. This can help you quickly identify the correct answers.
8. **Stay Calm and Confident:**
Mindset: Approach the interview with a calm and positive mindset. Confidence in your preparation will reflect in your performance.

Time Pressure: Don't panic if you encounter challenging questions or time pressure. Move on to the next question if you're stuck and come back to it later if time permits.

9. Simulate Real Conditions:

Environment: Practice in an environment similar to where you'll take the actual interview. This minimizes surprises during the actual test.

Distractions: Choose a quiet place with minimal distractions to create a focused environment.

10. Rest and Relaxation:

Sleep: Ensure you're well-rested before the interview. A clear mind performs better.

Relaxation Techniques: Use relaxation techniques like deep breathing or meditation to calm nerves before the interview.

11. Review Guidelines: Technical Requirements: Ensure your computer and internet connection are stable and meet the technical requirements for the online test platform. Instructions: Read and understand the instructions provided by the test provider before starting the test.

Approach each question with a clear strategy, and don't forget to review your answers if you have time left at the end. Good luck!

Question 1

1 pts

47!

☐ 9

☐ 11

☐ 8

☐ 10

Question 2

1 pts

58!

☐ 11☐ 12☐ 14☐ 13**Question 3****1 pts**

$$13 \times 15 \times 22 \times 125 \times 44 \times 35 \times 11$$

☐ 4☐ 5☐ 3☐ 2**Question 4****1 pts**

$$12 \times 15 \times 5 \times 24 \times 13 \times 17$$

☐ 0☐ 3☐ 1☐ 2

Question 5**1 pts** $173!$ ☐ 39☐ 42☐ 41☐ 40**Question 6****1 pts** $144! \times 5 \times 15 \times 22 \times 11 \times 44 \times 135$ ☐ 36☐ 35☐ 39☐ 37**Question 7****1 pts** $148!$ ☐ 34☐ 36☐ 39

☐ 35**Question 8****1 pts**

$$1142! \times 348! \times 17!$$

☐ 373☐ 370☐ 372☐ 371**Question 9****1 pts**

$n!$ has 23 zeroes. What is the maximum possible value of n ?

☐ 99☐ 94☐ none☐ 100**Question 10****1 pts**

Find the number of zeroes in the value of: $2^2 \times 5^4 \times 4^6 \times 10^8 \times 6^{10} \times 15^{12} \times 8^{14} \times 20^{16} \times 10^{18} \times 25^{20}$

☐ 99☐ 100☐ 98☐ 97**Question 11****1 pts**

What is the number of zeroes in the following: $3200 + 1000 + 40000 + 32000 + 15000000$

☐ 4☐ 3☐ 2☐ 5**Question 12****1 pts**

Number of zeroes in $3200 \times 1000 \times 40000 \times 32000 \times 16000000$

☐ 17☐ 15☐ 18☐ 16

Question 13**1 pts**

Find the highest power of 7 which divides $81!$

- ☐ 14
- ☐ 13
- ☐ 11
- ☐ 12

Question 14**1 pts**

Find the highest power of 42 which divides $122!$

- ☐ 21
- ☐ 19
- ☐ 17
- ☐ 18

Question 15**1 pts**

Find the highest power of 360 which divides $520!$

- ☐ 128
- ☐ 132
- ☐ 126

☐ 144**Question 16****1 pts**

Find the maximum value of n such that $157!$ is perfectly divisible by 10^n .

☐ 37☐ 35☐ 38☐ 36**Question 17****1 pts**

Find the number of zeroes in the product $1^1 + 2^2 + 3^3 + \dots + 49^{49}$

☐ 150☐ 400☐ 350☐ 250**Question 18****1 pts**

Find the number of zeroes in: $100^1 \times 99^2 \times 98^3 \times 97^4 \times \dots \times 1^{100}$

☐ 1124

☐ 1120☐ 1122☐ 1125**Question 19****1 pts**

Find the number of zeroes in: $1^{1!} \times 2^{2!} \times 3^{3!} \times 4^{4!} \times 5^{5!} \times \dots \times 10^{10!}$

☐ $5! - 10!$ ☐ $5! + 10!$ ☐ $5! / 10!$ ☐ $5! * 10!$

No new data to save. Last checked at 12:26pm

Submit Quiz