MU Sigma Round 1 – Full Practice Set (2025)

📘 Total: 120 Questions with Answers  
🧠 Sections: Quant, Logical Reasoning, Verbal Ability, GK

# Quantitative Aptitude – 30 Practice Questions

1. A number is increased by 20%, then decreased by 20%. What is the net percentage change?  
👉 Answer: -4%

2. A shopkeeper marks an item at ₹1200 and gives a 25% discount. What is the selling price?  
👉 Answer: ₹900

3. 5 men can complete work in 12 days. 3 men will take how many days?  
👉 Answer: 20 days

4. A train 300 m long crosses a pole in 15 seconds. Find speed in km/h.  
👉 Answer: 72 km/h

5. Simple Interest on ₹8000 at 12% for 2 years?  
👉 Answer: ₹1920

6. CI on ₹10,000 at 10% for 2 years?  
👉 Answer: ₹2100

7. A and B can do work in 12 days. B alone in 18 days. A alone in?  
👉 Answer: 36 days

8. Probability of red ball from 5 red, 7 green balls?  
👉 Answer: 5/12

9. Average of 6 numbers is 45. Removed one gets avg 42. Removed?  
👉 Answer: 63

10. A in 10 days, B in 15 days. Worked 5 days. Work left?  
👉 Answer: 1/4

11. 80% spent, ₹2000 saved. Find income.  
👉 Answer: ₹10,000

12. Income:Expenditure = 5:4, income ₹25,000. Expenditure?  
👉 Answer: ₹20,000

13. Gain 10%, SP ₹110. CP?  
👉 Answer: ₹100

14. 300 km in 5 hrs. Avg speed?  
👉 Answer: 60 km/h

15. x is 20% more than y. y is ?% less than x?  
👉 Answer: 16.67%

16. CI 2 yrs @10% on ₹8000. Find amount.  
👉 Answer: ₹9680

17. Train crosses platform in 20s, pole in 10s. Length of train?  
👉 Answer: 200 m

18. Fill tank: 6h fill, 8h empty. Together?  
👉 Answer: 24 hours

19. 3 pens ₹45. 7 pens cost?  
👉 Answer: ₹105

20. ₹500 article sold at 20% loss. SP?  
👉 Answer: ₹400

21. % of number is 30. Number is 25. Find %.  
👉 Answer: 120%

22. Find x: 3x - 7 = 2x + 5  
👉 Answer: x = 12

23. Ratio of boys to girls = 2:3. Total = 50. Boys?  
👉 Answer: 20

24. Avg of 5,7,9,x = 8. Find x.  
👉 Answer: 11

25. SI = CI in 1 yr. Find rate?  
👉 Answer: 0%

26. Man walks 10 km at 5 kmph. Time?  
👉 Answer: 2 hrs

27. ₹5000 at 8% for 3 years SI?  
👉 Answer: ₹1200

28. Pipes A and B fill in 12 and 15 hrs. Together?  
👉 Answer: 6.67 hrs

29. 100 apples sold at 20% profit. CP is ₹10 each. Profit?  
👉 Answer: ₹200

30. Speed 60 km/h, time 2.5 hrs. Distance?  
👉 Answer: 150 km

# Logical Reasoning – 30 Practice Questions

1. A is brother of B, B is sister of C, C is son of D. D to A?  
👉 Answer: Father

2. NORTH → OSPUI. SOUTH → ?  
👉 Answer: TPVUI

3. Arrange: Mango, Apple, Banana, Grapes, Guava  
👉 Answer: Apple, Banana, Grapes, Guava, Mango

4. 5 men in row: ways?  
👉 Answer: 120

5. FISH = GJTI. STAR = ?  
👉 Answer: TUBS

6. All cats are dogs. All dogs are rats. All cats are rats?  
👉 Answer: Yes

7. Walk 5 km N, 3 km E, 5 km S. Distance from start?  
👉 Answer: 3 km

8. Odd one: 3, 5, 7, 9, 11  
👉 Answer: 9

9. Series: A, C, F, J, O, ?  
👉 Answer: U

10. BLACK = 51213. BACK = ?  
👉 Answer: 5213

11. Some apples are mangoes. All mangoes fruits. Some apples fruits?  
👉 Answer: Yes

12. Mirror image of BOX?  
👉 Answer: XOB

13. A is father of B, B sister of C, C married to D. A to E?  
👉 Answer: Father-in-law

14. Series: 1,4,9,16,?  
👉 Answer: 25

15. Rahul rank 18th top in 50. Bottom?  
👉 Answer: 33rd

16. Can you form ‘FIRM’ from ‘INFORMATION’?  
👉 Answer: Yes

17. Missing: 3,6,18,72,?  
👉 Answer: 360

18. Walks 10 N, 10 W. Distance from start?  
👉 Answer: √200 ≈ 14.14 km

19. Day after tomorrow if today is Wednesday?  
👉 Answer: Friday

20. Cube painted all sides, cut 27 cubes. How many cubes 1 face painted?  
👉 Answer: 6

21. 3 friends A,B,C in line, how many ways they stand?  
👉 Answer: 6

22. Direction Q: Start S, turn left, walk 10m, right, 5m, right 10m. Face?  
👉 Answer: South

23. Odd one: Circle, Square, Triangle, Rectangle  
👉 Answer: Circle

24. Series: 2, 4, 8, 16, ?  
👉 Answer: 32

25. What comes next: Z, X, V, T, ?  
👉 Answer: R

26. Statement: All pens are pencils. Some pencils are erasers. Conclusion?  
👉 Answer: Cannot be determined

27. Which is different: Car, Bus, Train, Apple  
👉 Answer: Apple

28. If TABLE = UBCMF, then CHAIR = ?  
👉 Answer: DBBJS

29. Statements: All birds fly. Ostrich is bird. Conclusion?  
👉 Answer: Ostrich flies? – False

30. Odd pair: Pen:Write, Knife:Cut, Book:Read, Chair:Sit  
👉 Answer: Book:Read

# Verbal Ability – 30 Practice Questions

1. Synonym of ‘Diligent’  
👉 Answer: Hardworking

2. Antonym of ‘Benevolent’  
👉 Answer: Malevolent

3. Correct spelling  
👉 Answer: Accommodate

4. He was so tired that he \_\_\_ asleep.  
👉 Answer: Fell

5. Find error: He go to school.  
👉 Answer: go → goes

6. The jury \_\_\_ divided.  
👉 Answer: was

7. RC Q: Global warming biggest impact?  
👉 Answer: Climate change

8. Neither teacher nor students \_\_\_ present.  
👉 Answer: were

9. Punctuated sentence: She said, “I’m fine.”  
👉 Answer: Correct

10. Opposite of Expand  
👉 Answer: Contract

11. He is addicted \_\_\_ chocolates.  
👉 Answer: to

12. She has been waiting here since two hours.  
👉 Answer: since → for

13. His ideas were too \_\_\_ to be practical.  
👉 Answer: idealistic

14. Rearrange: He jogs in the park every morning.  
👉 Answer: Correct

15. Correct form: I have went there.  
👉 Answer: went → gone

16. Meaning of: Ambiguous  
👉 Answer: Unclear

17. Choose correct sentence  
👉 Answer: She has a car.

18. Antonym of: Obedient  
👉 Answer: Disobedient

19. Synonym of: Chaos  
👉 Answer: Disorder

20. Fill: He is known \_\_\_ honesty.  
👉 Answer: for

21. Choose correct: The news \_\_\_ true.  
👉 Answer: is

22. Word for: One who looks on bright side  
👉 Answer: Optimist

23. Fill: He deals \_\_\_ electronics.  
👉 Answer: in

24. RC: Summary of passage on AI  
👉 Answer: Tech changing lives

25. Correct tense: By next year, she \_\_\_ graduated.  
👉 Answer: will have

26. Word for: Fear of water  
👉 Answer: Hydrophobia

27. Meaning of: Abundant  
👉 Answer: Plentiful

28. Find error: They has gone.  
👉 Answer: has → have

29. Correct plural of ‘Crisis’  
👉 Answer: Crises

30. Fill: He congratulated me \_\_\_ my success.  
👉 Answer: on

# General Awareness – 30 Practice Questions

1. Current CEO of OpenAI?  
👉 Answer: Sam Altman

2. Where was G20 2023 held?  
👉 Answer: India (New Delhi)

3. Capital of Kazakhstan?  
👉 Answer: Astana

4. Who won Cricket WC 2023?  
👉 Answer: Australia

5. Nobel Prize Physics 2023?  
👉 Answer: Pierre Agostini, Anne L’Huillier, Ferenc Krausz

6. New name of Twitter?  
👉 Answer: X

7. Indian city that hosted G20?  
👉 Answer: Delhi

8. Governor of RBI 2025?  
👉 Answer: Shaktikanta Das

9. Khelo India 2024 state?  
👉 Answer: Tamil Nadu

10. Chandrayaan-3 landed on?  
👉 Answer: South Pole

11. Full form of GDP?  
👉 Answer: Gross Domestic Product

12. ISRO full form?  
👉 Answer: Indian Space Research Organisation

13. President of India?  
👉 Answer: Droupadi Murmu

14. India’s rank in Hunger Index 2024?  
👉 Answer: 111

15. Wimbledon 2024 winner (Men)?  
👉 Answer: Carlos Alcaraz

16. Largest state in India (area)?  
👉 Answer: Rajasthan

17. Startup India launched in?  
👉 Answer: 2016

18. International Yoga Day?  
👉 Answer: June 21

19. PM of UK 2025?  
👉 Answer: Rishi Sunak

20. Who won Oscars 2024 Best Picture?  
👉 Answer: Oppenheimer

21. Which is not a classical dance?  
👉 Answer: Bhangra

22. Currency of Japan?  
👉 Answer: Yen

23. National Bird of India?  
👉 Answer: Peacock

24. Longest river in India?  
👉 Answer: Ganga

25. No. of players in football?  
👉 Answer: 11

26. Nobel Peace Prize 2023?  
👉 Answer: Narges Mohammadi

27. How many Lok Sabha seats?  
👉 Answer: 543

28. First Indian in space?  
👉 Answer: Rakesh Sharma

29. Who is Elon Musk?  
👉 Answer: CEO of Tesla, SpaceX

30. Which planet has rings?  
👉 Answer: Saturn