

Winmeen Tnpsc Group 1 & 2 Study Materials

Tnpsc Group 2 Complete Syllabus : <https://goo.gl/fNSnMN>

Tnpsc Group 2 Previous Questions : <https://goo.gl/PYqsd7>

Tnpsc Group 2 Model Questions : <https://goo.gl/xQvyTk>

2. Measurement and Motion

1. Name some measurement instruments?

Meter scale, balance, clock, measuring jar

2. What is measurement?

It is a process of comparison of unknown quantity with a standard quantity of the same kind.

3. What is standard measurement?

Any measurement that gives the same value for all is called standard measurement.

4. What is standard unit?

The units which are used in standard measurement are called as standard units.

5. What are fundamental quantities?

Length, mass and time

6. What is SI units?

It is System International Units

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7. What is FPS system?

Foot, Pound Second system

8. What is CGS?

It is Centimeter, Gram, Second

9. What is MKS?

Meter, Kilogram, Second.

10. Name some physical quantity and its SI unit and Symbol?

Physical quantity	SI unit	Symbol
Length	Metre	M
Mass	Kilogram	Kg
Time	Second	s

11. What is length?

The distance between two points is called length.

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12. What is kilometer?

Larger distances such as the distance between two places are expressed as kilometer.

13. How is smaller lengths measured?

As centimeter and millimeter.

14. How is 1 meter converted to millimeters?

1000 millimeters

15. Why is sand heaviest?

It is heaviest because the amount of matter contained in sand is more than the amount of matter contained in rice and cotton.

16. What is kilogram?

The mass of a body is the amount of matter contained in it. the SI unit of mass is a kilogram.

17. What is used for measuring larger quantities?

Quintal and metric tone

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18. What is time?

Time is the interval between two events. The SI units of time is second.

19. How are larger time intervals expressed?

As minutes, hour, day, week, month, year

20. What is millisecond or microsecond?

Any time interval less than 1 second is expressed as millisecond or microsecond.

21. How is time calculated?

- 1 minute = 60 seconds
- 1 hour = 60 minutes
- 1 day = 24 hours
- 1 year = 365 $\frac{1}{4}$ days
- 1 second = 1000 milliseconds
- 1 second = 1000000 microseconds