Physical Quantity and Measurement

1. Temperature is a ____ quantity.
2. _____ and _____ are required to measure a physical quantity.
3. _____is the process of comparing an unknown quantity with a known fixed quantity of the same Kind.
4. The area of a square whose sides are 15 m is _____
5. After measuring a physical quantity, the value, we get is _____.
6. The Symbol of time _____.
7. I cm _____ m
8. 500 cm =_____ m
9. SI unit of Electric Current is _____.
10. Area of a rectangle whose length is 30 m and breadth is 25 m is _____.
11. _____ powers are used for compound units formed by dividing one unit by other.
12. Si unit of Temperature _____.
13. The FPS unit of length is _____
14. _____ unit is universally accepted.
15. Units that are used to measure large quantities are called_____.
16. A known fixed quantity that is used to measure the physical quantity of the same kind is called _____.
17. 1 milligram is an example of _____ of unit.
18. Symbols of unit Meter ×Second is written as _____.
19. In FPS system Pound is the unit of _____
20. 1 Decameter= _____ m.
21. 26 min= _____ sec
22. 4 min 20 sec =_____ sec
23. 1 hr 10 min 10 sec=_____ sec
24. _____ is used to measure length.
25. _____ is the distance between any two points or places.
26. A scale is graduated in both _____ and _____.
27. An error can occur due to the wrong position of eye while taking a reading through scale is called _____.
28. 1mg= _____ Kg
29. _____is the interval between two events
30. 1 sec=_____ part of a mean solar day
31. _____is a fraction of a mean solar day.
32. _____is the mean of 365 solar days.
33. _____ is the time taken by the Earth to complete one rotation.
34. 1 Day = _____ sec
35. 1 year = _____ sec
36. _____ is used to measure the short interval of time.
37. _____is the degree of hotness or coldness of an object.
38. _____ temperature is used to measure human body temperature.
39. The total surface enclosed by a figure or an object is called _____.
40. SI unit of area is _____
41. The formula of Area of Circle is _____.
42. 12^0C = _____Kelvin.
43. 375 K =_____ ^0C
44. 230^0F=_____ ^0C
45. 50^0C= _____ ^0F

1. Physical
2. A unit and a numerical value
3. Measurement
4. 225 m^2
5. Magnitude.
6. S
7. 10^{-2}m
8. 5
9. Ampere
10. 750 m^2
11. Negative
12. Kelvin
13. Foot (ft)
14. SI
15. Multiples of Unit
16. Unit
17. Sub-multiple
18. m.s
19. Mass
20. 10^3
21. 1560 sec
22. 280 sec
23. 4210 sec
24. Scale
25. Length
26. Inches and centimeters
27. Parallax Error
28. 10^6
29. Time
30. $\frac{1}{86400}$th
31. Second
32. Mean solar day
33. Solar day
34. 86400
35. 3.15×10^7 sec
36. Stop Watch.
37. Temperature
38. Clinical Thermometer
39. Surface area.
40. Square Meter
41. Π × $(Radius)^2$
42. 285 K
43. 102^0C
44. 110^0C
45. 122^0C