

Quiz Dr/DOAA

5- measurement that is very close to the standard accepted value is said to be

- a. analogous
- b. precise
- c. accurate
- d. uncertain

6- zeros are always considered significant digits when they

- a. function as place keepers
- b. precede a decimal point
- c - occur between two integer number
- d. both a and c

7-the unit of measure for density is

- a. g/s
- b. g/C
- c. g/cm³
- d. g/kg

8- How many significant digits are in the measurement 0.005030 g ?

- a. 3
- b. 4
- c. 5
- d. 7

9- The SI base unit for measuring length

- a. Kg
- b. meter
- c. kilometer
- d. gram

10- 23- The prefix meaning 1000 is called?

- a .Deci-
- b.Centi-
- c.Milli-
- d.Kilo-

12- The sensitive measuring instrument will give consistent results under the same condition .

- a. accurate
- b. precise
- c. correct
- d. a and b

13- $6.15\text{m} \times 3.02\text{m} \times 0.018\text{ m}$ correct answer to the proper number of significant digits is

- a. 0.3300
- b. 0.330
- c.0.33
- d. 3.03

14- How many significant digits are in the measurement 620 L ?

- a. 3
- b. 4
- c. 5
- d. 2

15- How many significant digits are in the measurement 187.032 g ?

- a. 3 b. 6 c. 5 d. 7

16- How many significant digits are in $1.0 \times 10^3 L$?

- a. 3 b. 4 c. 2 d. 6

17- $1.003m + 12.1m$ equal

- a. $13.1m$ b. $13.100m$ c. $13.01m$ d. $13.10m$

18- 32.01×2.0 equal

- a. 64 b. 64.2 b. 64.04 d. 64.02

22- How many significant digits are in the measurement $1870000 g$?

- a. 3 b. 6 c. 5 d. 7

- a. Directly b. inverse c. zero d. no correct
answer

25- The correct result for $32.00 \div 4.0$ is

- a. 8 b. 8.0 c. 8.00 c. no correct
answer