

## Scientific and Indigenous measurements

### Worksheet Two

1. Which of the following is true about scientific and indigenous measurements?
  - a) Western science, uses the precise outlines of the Scientific Method
  - b) Indigenous science relies primarily on general observations for predicting outcomes with no precise model in place.
  - c) indigenous scientists do, vary depending on their geographic location.
  - d) All are correct
2. An indigenous method of measuring length that measure from the tip of little finger to tip of thumb is :
  - a) Hand span
  - b) Cubit
  - c) pace
  - d) arm span
3. Which of the following indigenous unit is different from the other?
  - a) Hand span
  - b) Arm span
  - c) cubit
  - d) Feresula
4. Which of the following sets contains only derived physical quantities?
  - a) mass, Time and length
  - b) temperature, area and volume
  - c) Time, length and density
  - d) speed, density and area
5. Which one of the following physical quantities is not correctly matched with its SI unit?
  - a) Mass / kilogram
  - b) Length / meter
  - c) speed /meter per second
  - d) density / kelvin
6. The amount of matter in a substance is called \_\_\_\_\_.

a) volume

b) length

c) density

d) mass

7. How much Kilo does One Kilogram Feresula weight?

a) 20 Kg

b) 15 Kg

c) 17 Kg

d) 19Kg

8. Which of the following is a measuring unit usually used to measure the mass of powder of gold in local markets.

a) Feresula

b) Weqet

c) Quntal

d) kilogram

9. .... is used to measure the mass of pepper and coffee.

a) Feresula

b) Weqet

c) Quntal

d) kilogram

10. .... is a bag used to measure the mass of grains.

a) Feresula

b) Weqet

c) Quntal

d) kilogram

11. 1(One) Quintal is equal to .....

a) 1000Kg

b) 100Kg

c) 150Kg

d) 200Kg

12. Which one of the following is not an Indigenous measurement of Mass?

a) Gram

b) Kilogram

c) Quintal

d) a and b

13. Which one of the following is an Indigenous measurement of Time?

a) Second

c) Shadow of tree

c) Hours

d) Minute

14. .... measure of the space occupied by an object.

a) Mass

b) weigh

c) Kilo

d) Volume

15. Which of the following can be used to measure coffee, pulses and spices.

a) Tassa

b) Jog

c) Sini

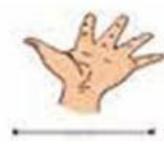
d) Kubaya

I. Match the following Indigenous Measurement description in column "A" with correct symbols in column "B" ( put the correct letter in the space provided)

a) A measure of distance from the back of the heel

.....

to the tip of the big toe



b) The distance from the middle fingertip of the left hand to that of the right hand



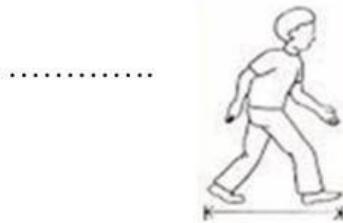
c) A measure of distance from the tip of one's elbow to the tip of the middle finger when your arm is extended



d) The width of an adult human male fingertip



e) A linear distance measure of a person's extended walk.



f) The measure from the tip of your little finger to the tip of your thumb

