23.07.19   FORMATIVE ASSESSMENT – 1   Marks:75

STD: VI (FN)   Science   Time 2 hrs

I. Choose the correct answer: 10x1=10

1. The girth of a tree can be measured by _____.

     a. Metre scale   b. Plastic ruler

     c. Metre rod   d. Measuring tape

2. Quantity that can be measured is _____.

     a. Physical quantity   b. Unit

     c. Measurement   d. Motion

3. The conversion of 7m into cm gives _____.

     a. 70cm   b. 700cm   c. 7cm   d. 7000cm

4. To measure weight _____ is used.

     a. Beam balance   b. Metre tape

     c. Measuring jar   d. Metre scale

5. Seeds from water melon can be removed by _____ method.

     a. hand picking   b. Filtration

     c. magnetic separation   d. decantation

6. _____ is essential to perform winnowing activity.

     a. Rain   b. Soil   c. Water   d. Air

7. From the following _____ is not a mixture.

     a. Coffee with milk   b. Lemon Juice

     c. Water   d. Ice cream embedded with nuts

8. _____ is not made of matter.

     a. gold ring   b. Iron ball   c. light ray   d. oil drop

9. Light impurities like dust when mixed with rice or pulse can be removed by _____.

     a. Filtration   b. Sedimentation

     c. Decantation   d. Winnowing

10. Purity of gold is expressed in terms of _____.

     a. Kilogram   b. Millimetre   c. Carat   d. Pound

II. Fill in the blanks: 10x1=10

11. 1m = _____ cm.

12. SI unit of length is symbolically represented as _____.

13. 500 gm = _____ kg.

14. Distance between Delhi and Chennai can be measured in ____.

15. The volume of liquid is measured in _____.

16. Matter is made up of _____.

17. Grain can be separated from their stalks by _____.

18. The method employed to separate clay particles from water is

19. The SI unit of mass is _____.

20. Chillies are removed from 'Upma' by _____ method.

III. Match the following: 10x1=10

21. Length of fore arm   -   cotton wool

22. Nano   -   second

23. SI unit of time   -   1 kilogram

24. SI unit of length   -   plastic wire

25. 1000 gram   -   Rubber band

26. Breaks easily   -   cubit

27. Can be stretched easily-   metal pan

28. Gets heated readily   -   metre

29. Gets compressed easily -   mud pot

30. Bends readily   - 10^{-9}

IV. Write True or False: 10x1=10

31. We can say that mass of an object is 126kg.

32. Ten millimetres make one centimetre.

33. The SI system of units is accepted everywhere in the world.

34. A handspan is a reliable measure of length.

35. A beam balance is used to measure lime juice.

36. Grain and husk can be separated by winnowing.

37. Air is a pure substance.

38. Butter from curds is separated by sedimentation.

39. Particles in solids are free to move.

40. Liquids have no fixed volume but have fixed shape.

V. Answer any six of the following: 6x2=12

41. Define the term matter.

42. Define sedimentation.

43. What is meant by food adulteration?

44. Distinguish between a pure substance and an impure

substance.

45. Define measurement.

46. What are the rules to be followed to make accurate

measurement with scale?

47. Find the odd one out and give reason. Kilogram, Millimetre,

Centimetre, Nanometre.

48. Arrange the following in increasing order of unit.

 Metre, Centimetre, Kilometre, Millimetre.

VI. Answer any two of the following: 2x5=10

49. How to measure the length of a curved line using a string?

50. Differentiate between the properties of solid, liquid and gas.

51. List any 5 methods of separation and explain any 2 in detail.

VII. Diagram: 2x4=8

52. Beaker and conical flask.

53. Filtration.

VIII. Fill the following tables: (FBT)   5x1=5

	Measuring unit(m/kg/s)	Multiple
1. Length of the pen		
2. Mass of dry fruits		
3. Mass of ornaments		
4. Time taken to finish 100m race		
5. length of the tip of pen		