1) What are the 4 colligative properties?

2) What do the colligative properties of solutions depend on?

3) Do colligative properties depend on solvent?

4) What are colligative properties used for?

5) What is boiling point?

6) Why boiling point of solution is higher than pure solvent?

7) What is the freezing point depression constant?

8) Define freezing point.

9) What does the(m) represent in the freezing point depression equation?

10) How can the molecular weight of a non volatile substance be calculated by freezing point depression method only give the formula?

11) How is depression in freezing point related to molality?

12) What factors affect freezing point depression?

13) Which of the solution will have higher freezing point depression and why?

14) Does freezing point depression depend on type of solute particles?

15) Why is freezing point of solution lower than of solvent?

16) Is freezing point and melting point the same?

17) Why freezing point decreases on adding non-volatile solute?

18) How do you know which substance is most volatile?

19) what is refractive index of liquid?

20) What are the factors that influence refractive index.

21) Define Surface tension.

22) Why water has a high value of surface tension?

23) Which method is used to determine molecular weight of a volatile liquid?

24) What is viscosity definition and unit?

25) What are the factors that affect viscosity?

26) what is relative density of a liquid

27) what is the unit of relative density

28) What are the factors affecting density of liquids

29) What is the coefficient of cubical expansion of glass?

30) What is the symbol of coefficient of expansion?