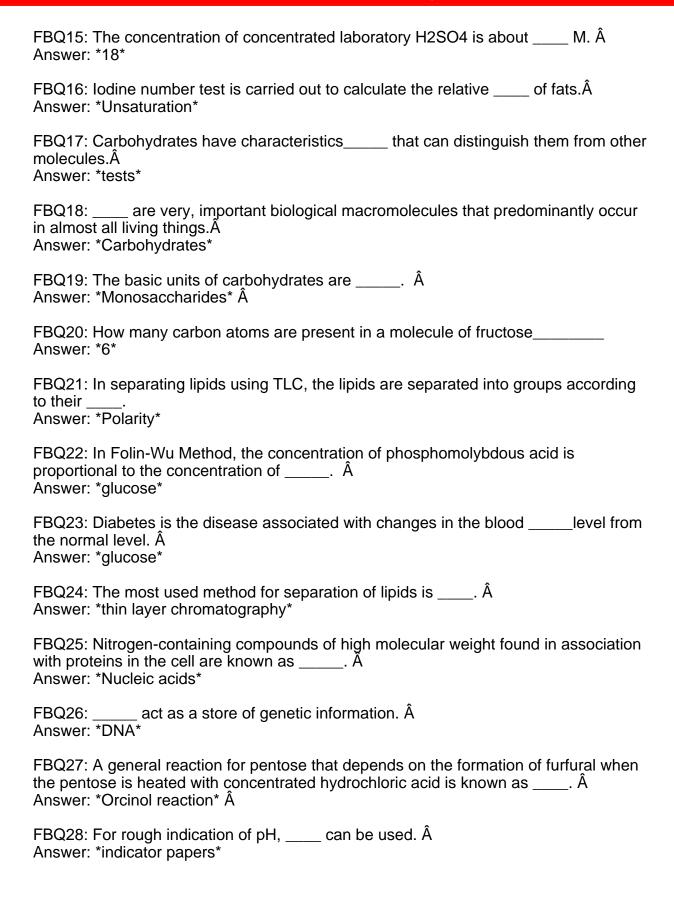
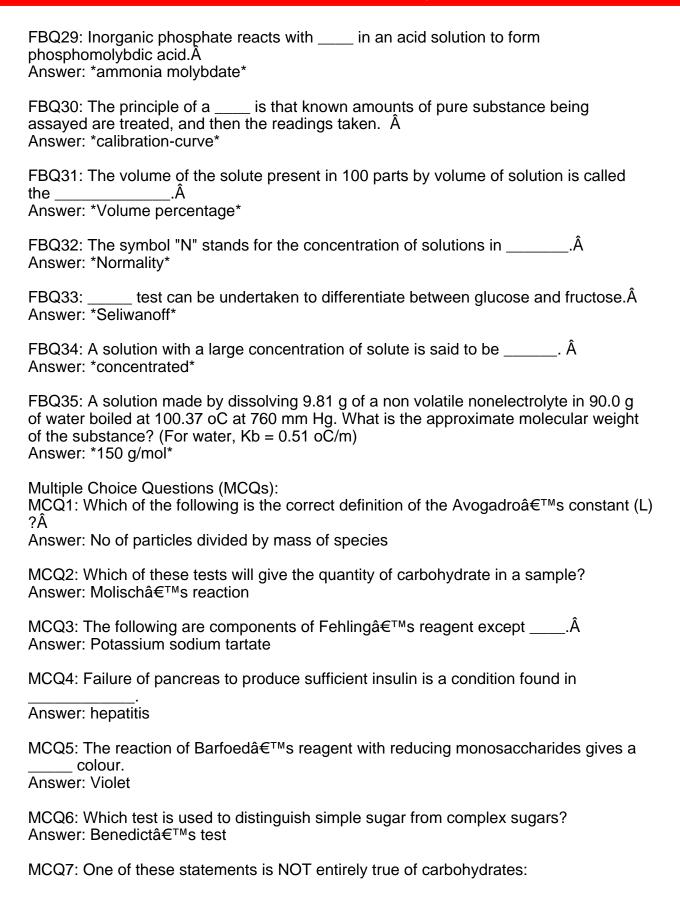
FBQ1: is the main component of cell walls of plants. Answer: *cellulose*
FBQ2: Number of moles of soluteMass of solven <mi Answer: *Molality*</mi
FBQ3: is defined as the ratio of the weight of solute to the total weight of solute plus solvent multiplied by 100. Answer: *Weight percentage*
FBQ4: A solution with a relatively small concentration of solute is said to beÂ Answer: *Dilute* Â
FBQ5: Complete hydrolysis of starch is proved by positive test.Â Answer: *Benedict's* Â
FBQ6: Calculate the mole fraction of C2H5OH in a solution that contains 46 grams of ethanol, C2H5OH, and 64 grams of methanol, CH3OH Answer: *1/3*
FBQ7: The S. I. unit of concentration isÂ Answer: *g/dm3*
FBQ8: The gram-equivalent weight of an acid is that weight of the acid in grams which produces 1.008g of Â Answer: *Hydrogen ion*
FBQ9: The S I unit for amount isÂ Answer: *Mole*
FBQ10: possess between 3 to 7 carbon atoms in their structure. Â Answer: *Monosaccharide*s Â
FBQ11: The levels of blood glucose are sensitively regulated byÂ Answer: *Hormones*
FBQ12: reacts with Iodinemonochloride (ICI) to release iodine from the double bonds of unsaturated fatty acids. Answer: *Potassium iodide*
FBQ13: In thin layer chromatography, the thin layer of adsorbent particles attached to a solid plate is the phase. Â Answer: *Stationary*
FBQ14: In thin layer chromatography, neutral lipids are separated using solvents.Â Answer: *Non-polar*





living things.
MCQ8: The general test of carbohydrates is Answer: Benedict'sTest
MCQ9: The following tests are based on derivatives of furfural or furfural formation exceptÂ Answer: Molisch
MCQ10: The normal blood glucose range in an average man is Answer: 4-8 mmol/L
MCQ11: One of these statements best defines a Standard Solution. Answer: One that contains 100g of the substance in 100 ml of solvent.
MCQ12: Which of these tests takes advantage of the acid catalysed dehydration of simple sugar to produce either furfural or 5-OH methyl furfural which combines with αâ€"naphthol to produce a purple complex? Answer: Iodine Test
MCQ13: The number of moles of NaCl in 3 litres of 3 M solution is Answer: 1
MCQ14: Which of the following entities changes with temperature? Answer: Molarity
MCQ15: Nucleic acids can be analyzed experimentally by their Answer: Molecular weight
MCQ16: RNA differs from DNA in all of the following ways except Answer: The presence of Thymine
MCQ17: RNA is sometimes the genetic material in Answer: Yeast
MCQ18: Further purification during the isolation of RNA from yeast can be made by treating the preparation with Answer: Amylase
MCQ19: The denatured protein during RNA isolation from yeast is removed by
Answer: Distillation
MCQ20: The difference between Benedict's and Barfoed's test is Answer: Benedict's test is carried out in weak alkaline medium while Barfoed's is in acidic medium
MCQ21: Complete hydrolysis of starch is proved by positive test.

