

A- True (T) or False (F):

- 1- Uracil is purine ring nitrogen base in RNA structure only ()
- 2- Nucleoside is nucleotide without phosphate group ()
- 3- Nucleotides attached with each other by phosphodiester bonds ()
- 4- Introns are expressible genes can not be translated into proteins ()
- 5- Hydrogen bonds are part in primary structure of DNA ()
- 6- Yeast is considered as rich source of RNA ()
- 7- DNA only is oxidized by perchloric acid ()
- 8- TCA is used to obtain optimum condition for 5NT work ()
- 9- 5NT activity is used as a liver marker ()
- 10- Guanine is attached with Adenine by double hydrogen bond ()

B- Complete the following:

- 1- Nitrogen base is attached at carbon number.....on pentose sugar structure by..... bond.
- 2- Nitrogen bases are attached with each other by bonds.
- 3- DNA is composed of..... Three of them called
- 4- Types of genes are And

- 5- Histones are basic proteins rich inand have Charge.
- 6- Nucleosomes are attached with each other by protein to give solenoid and this protein is called protein.
- 7- Bial`s test is specific test for Sugar in Structure.
- 8- Ferric chloride acts as In Bial`s test to give Complex read at 660 nm.
- 9-is used in estimation of DNA while is used in estimation of RNA.
- 10- Stannous chloride acts aswhile ammonium molybdate acts as in estimation of phosphorous content of DNA.
- 11- 5NT isthat convertsinto
- 12- DNA iseach one composed of ,and
- 13- Pyrimidine bases may be ,and

With our best wishes.....