

_____ chromatin is associated with intense genetic activity.
Euchromatin

Eukaryotic chromatin is a nucleoprotein organized into repeating units called
Nucleosomes

A nucleoprotein organized into repeating units called nucleosomes, is known as
Eukaryotic chromatin

Which of the following is not true about eukaryotic chromatin?
It has additional linker histone

Cytogenetics use _____ to demonstrate chromosomal characteristics. 1Karyotypes ii
pedegrees iii idiograms
I and III

During anaphase, the characteristic shape made by an acrocentric chromosome is
Rod shape

The idea of the chromosome theory of inheritance were credited to
Sutton and Boveri

In the Third Level Packaging in transition to mitosis, the 300Ao structure forms a series
of looped domains of about _____ in diameter
3000Ao

The following are functions of the telomere except _____. I prevention of joining of
chromosomes II Prevention of digestion of chromosomes III It is significant importance
in genetic recombination
I only

The region where two sister chromatids appear to be joined during mitotic metaphase
is known as
Centromere