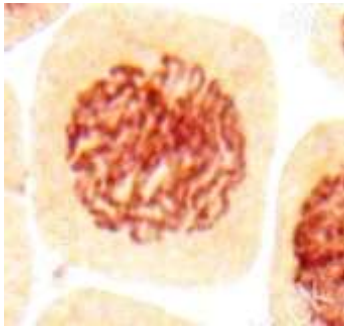


Normal Prophase



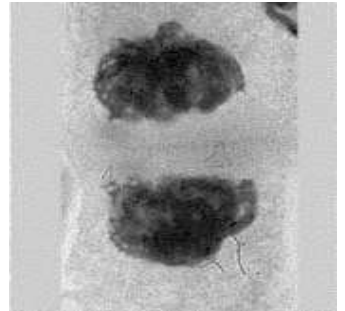
Normal Metaphase



Normal Anaphase

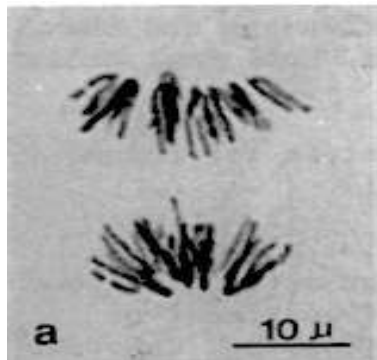


Normal Telophase

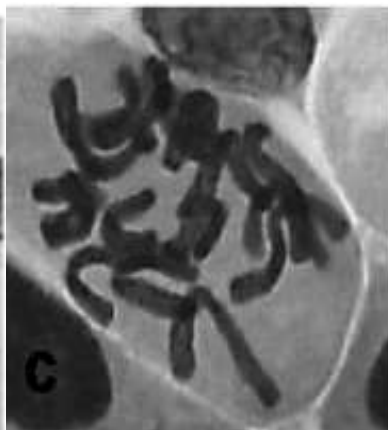
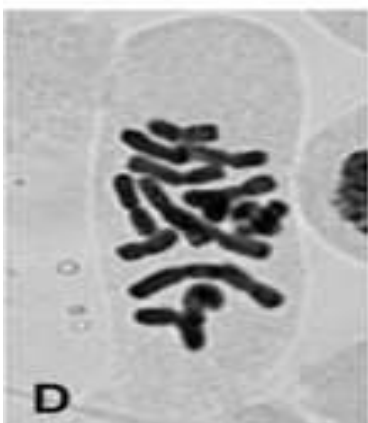


A) Spindle disturbances:

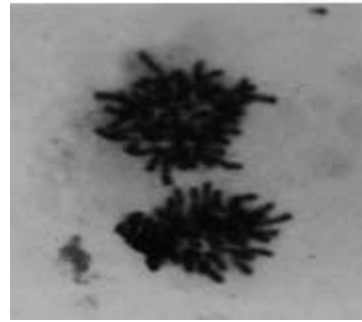
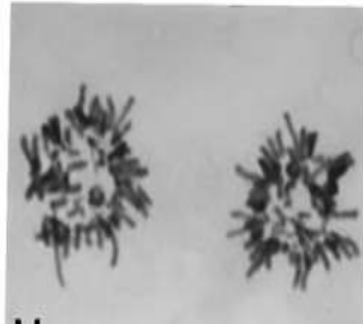
1- Multipolar anaphase



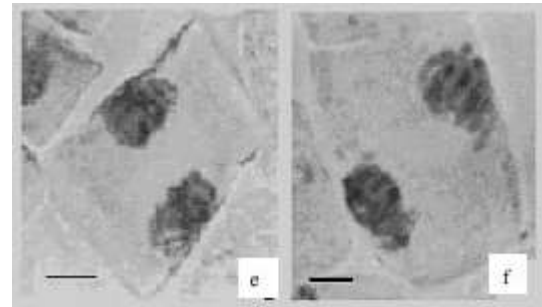
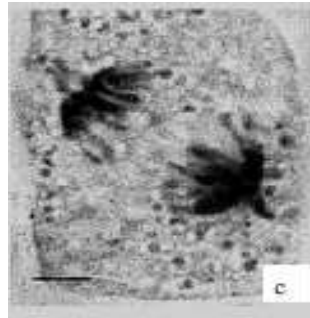
2- C-Mitosis



3- Star shaped metaphase/anaphase / telophase

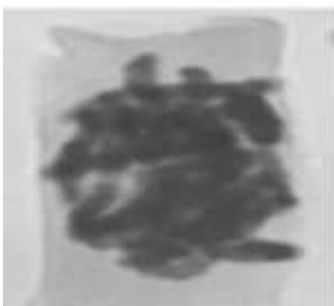


4- Diagonal figures



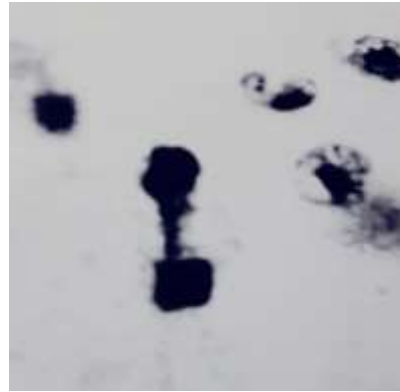
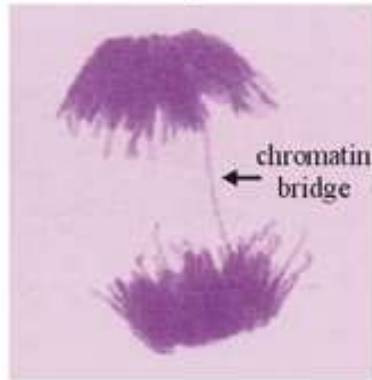
B) Nucleic acid disturbances:

Stickiness of chromosomes

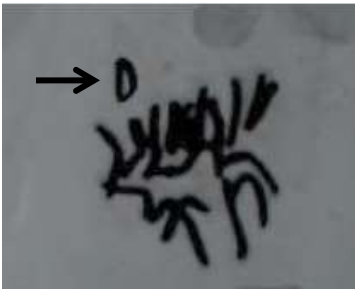


C) Chromosomal disturbances:

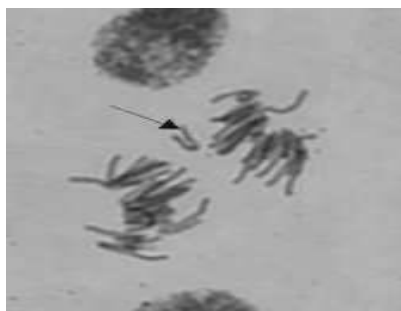
1- Chromosome bridges



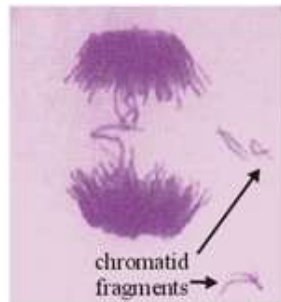
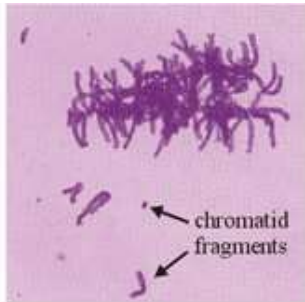
2- Ring chromosome(s)



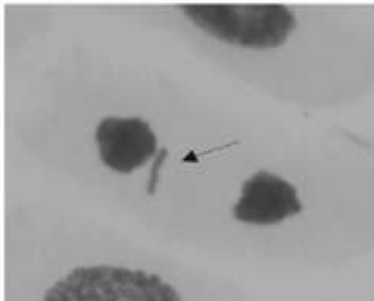
3- Lagging chromosomes (Laggards)



4- Chromosome breakage (fragmentation)

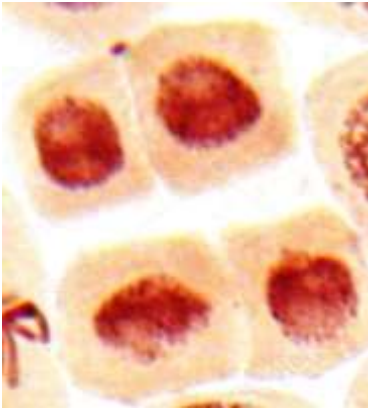


5- Chromosomal loss

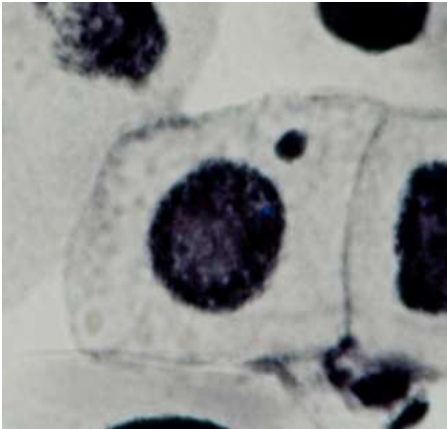


D) Nuclear disturbances:

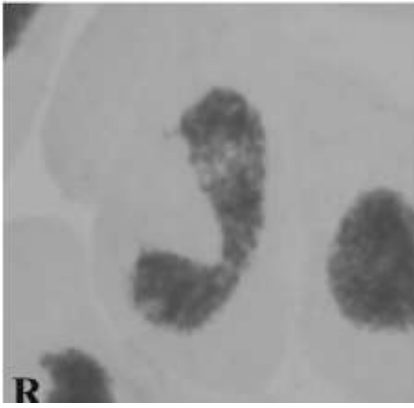
Normal Interphase



1- Micronuclei

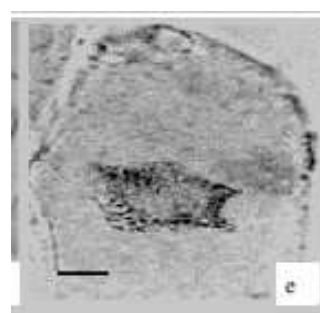
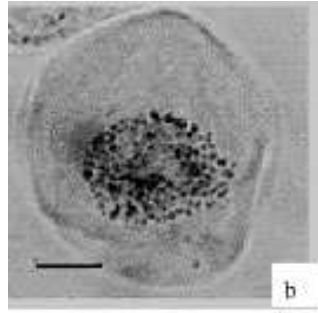
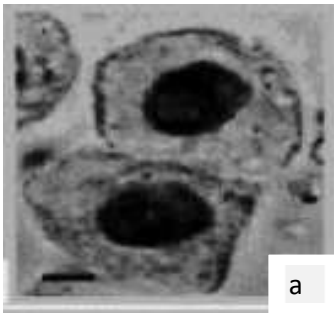


2- Nuclear budding

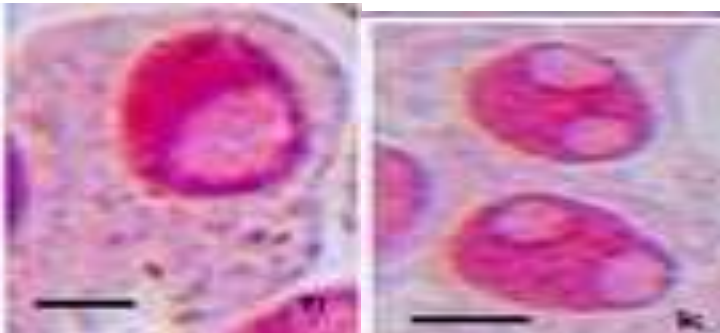


3- Pycnosis

Karyorrhexis

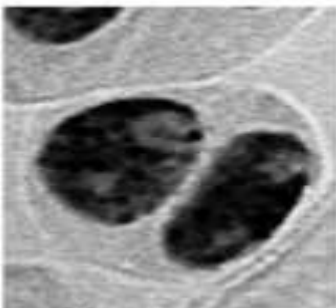


4- Nuclear Lesion(s)/ Vacuolated nucleus



E) Cytoplasmic disturbances:

Multinucleated cell



F) Cellular disturbances:

Ghost cell

