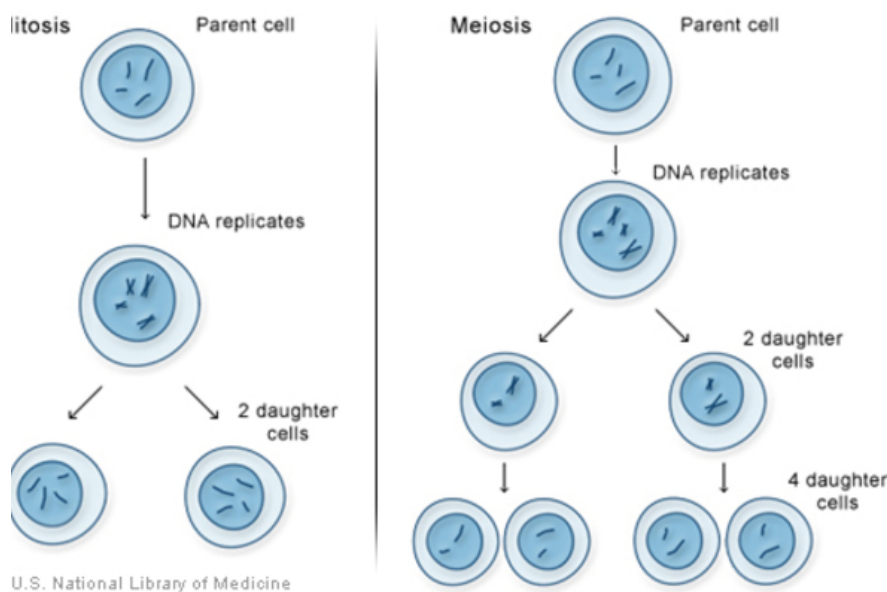


CCT TEST ITEM

CLASS	XI
SUBJECT	BIOLOGY
Name of the Teacher	AKHILESWARI K P
Name of the Topic/Chapter	CELL CYCLE AND CELL DIVISION



Q.1.	In which phase of cell cycle duplication of chromatin occurs? (a) G 1 phase (b) G 2 phase (c) S phase (d) M phase
Answer	(c) S phase
Q.2.	Anaphase of meiosis differ from Anaphase of mitosis. Choose the correct option supporting the above statement. (a) Anaphase I of meiosis involves separation of homologous chromosomes and Anaphase of mitosis involves separation of sister chromatids. (b) Anaphase II of meiosis involves separation of homologous chromosomes and Anaphase of mitosis involves separation of sister chromatids. (c) Anaphase I of meiosis and Anaphase of mitosis involves separation of sister chromatids (d) Anaphase I of meiosis involves separation of sister chromatids and Anaphase of mitosis involves separation of homologous chromosomes
Answer	(a) Anaphase I of meiosis involves separation of homologous chromosomes and Anaphase of mitosis involves separation of sister chromatids
Q.3.	Under which subphase of Prophase , exchange of segments of

	chromatids between homologous chromosomes occurs? (a) Zygotene (b) Pachytene (c) Diplotene (d) Diakinesis
Answer	(b) Pachytene
Q.4.	Some of the cells in a plant body are multinucleate. What is the probable reason for this (a) Absence of karyokinesis during cell division (b) Absence of cytokinesis after karyokinesis during cell division (c) Duplication of chromatin during cell cycle (d) None of the above
Answer	(b) Absence of cytokinesis after karyokinesis during cell division