

## Biology FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	In non disjunction, chromosome's fail to segregate during.	A. Prophase B. Metaphase C. Anaphase D. Telephase
2	Crossing over occurs during.	A. Leptotene B. Pachytene C. Zygotene D. Anaphase
3	The chromatids repel each other during.	A. Leptotene B. Zygotene C. diplotene D. Pachytene
4	Trisomy of chromosome 18 is found in.	A. Down's syndrome B. Edward syndrome C. Patau syndrome D. Jacob's syndrome
5	Nuclear membrane disorganizes at the beginning of	A. Prophase 1 B. Metaphase 1 C. Anaphase 1 D. Telophase 1
6	An unwanted clone of cells and establishment of secondary areas of growth is called.	A. Tumor B. Growth C. Lump D. Swelling
7	The tumours which are of small size and localized are	A. Benign B. Malignant C. Gentle D. Nasty
8	Pairing of homologous chromosomes for tetrad formation starts at.	A. Leptotene B. Zygotene C. Diplotene D. Pachytene
9	The leptotene and zygotene lasts for.	A. Few hours B. Few days C. Few weeks D. Few years
10	The uterine layer which is shed with each monthly cycle is:	A. Endometrium B. Perimetrium C. Tunica albuginea D. Myometrium
11	The basic difference between spermatogenesis and oogenesis is that :	A. During spermatogenesis two more polar bodies are produced B. The mature ovum is haploid while the sperm is 1n C. Spermatogenesis involves mitosis and meiosis, but oogenesis involves meiosis only D. In oogenesis, one mature ovum is produced, and in spermatogenesis four mature sperm are produced
12	Mitosis may be divided into two phases	A. Karyokinesis & cytokinesis B. Karyokinesis & diakinesis C. Diakinesis & cytokinesis D. Exokinesis & endokinesis
13	During which stage chromosomes are doubling	A. G2 Phase B. G1 phase C. S-Phase D. G0 Phase
14	Downs syndrome (Mongolism) occurs in man during which 21 <sup>st</sup> chromosome fails to segregate resulting gamete with	A. 20 chromosomes B. 21 chromosomes C. 22 chromosomes D. 23 chromosomes

15	First essential phenomenon of meiosis i.e pairing of homologous Chromosomes called synapsis starts in	A. Leptotene B. Zygotene C. Pachytene D. Diplotene
16	Synapsis occurs duiring.	A. Pachytene B. Leptotene C. Zygotene D. Diplotene
17	The stage that lasts for days, weeks or event years	A. Zygotene B. Leptotene C. Pachytene D. Diplotene
18	Karyokinetic involves division of.	A. Cell B. Nucleus C. Cell membrane D. Cytoplasm
19	Monqolism is the other name of.	A. Mongolism B. Kline felter syndrome C. Down's syndrome D. Turner's syndrome
20	Which tumor is delocalized or has branches other than site of orgin.	A. Benign B. Malignant C. Both D. Apoptosis