

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

Sr	Questions	Answers Choice
1	The number of sets of microtubules originate from each pair of centriole is.	A. 03 B. 04 C. 05 D. 06
2	At cytokinesis in plants a membrane structure phragmoplast is formed from vesicles which originate from	A. Lysosomes B. Centrioles C. Golgi complex D. Glyoxisomes
3	Each bivalent consists of four.	A. Chromosomes B. Chromatids C. spores D. Chiasmata
4	Cancer occurs due to error in	A. Binary fission B. Budding C. Mitosis D. Meiosis
5	Microtubules are composed of protein, tubulin and traces of.	A. DNA B. Glycolipid C. RNA D. Phospholipid
6	The microtubules of mitotic apparatus are composed of protein tubulin nd traces of.	A. DNA B. RNA C. Lipids D. Terpenoids
7	The spread of tumor cells and establishment of secondary area of growth is known as.	A. Necrosis B. Apoptosis C. Metastasis D. Epigenesis
8	Shape of the plant cell does not change greatly compared with an animal cell because it is surrounded by a rigid	A. Cell membrane B. Capsule C. Sheath D. Cell wall
9	The stage that lasts for days, weeks or event years	A. Zygotene B. Leptotene C. Pachytene D. Diplotene
10	Each bivalent has	A. Twochromatids B. Four chromatids C. Both a & b D. None of these
11	Programmed and organized death of cell is known as.	A. Apoptosis B. Cancer C. Necrosis D. Metastasis
12	Crossing over and random assortment of chromosomes are two significant happenings of	A. Mitosis B. Amitosis C. Meiosis D. All a,b,and c
13	A network of very fine threads called chromatin can be visualized in call during	A. Interphase B. Prophase C. Metaphase D. Anaphase
14	The autosomal non disjunction in man in which 21st pair of chromosome fail to segregate resulting in gametes with 24 chromosomes is.	A. Down's syndrome B. Klinfilter syndrome C. Turner's syndrome D. Jacob's syndrome
15	Which one is absent in animal cells.	A. spindle B. Centriole C. Chromatids D. Phragmoplast

16	Chromatin network is visible during	A. Interphase B. Prophase C. Anaphase D. Metaphase
17	Post mitotic cells can exist the cell cycle during.	A. G1 Phase B. G0 phase C. G3 phase D. S phase
18	Which tumor is delocalized or has branches other than site of origin.	A. Benign B. Malignant C. Both D. Apoptosis
19	The basic difference betweenenn 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
20	First essential phenomenon of meiosis i.e pairing of homologous Chromosomes called synapsis starts in	A. Leptotene B. Zygotene C. Pachytene D. Diplotene