

## Biology FSC Part 2 Online MCQ's Test

| Sr | Questions  | Answers Choice  |
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| 1  | Cell cycle involves.   | A. Growth of cell<br>B. Replication of DNA<br>C. Cell division<br>D. None of these  |
| 2  | Primary tissue is added by the   | A. Lateral meristem<br>B. Underground meristem<br>C. Apical meristem<br>D. Vertical meristem  |
| 3  | The most important hormone in initiating and maintaining lactation after birth is: | A. Estrogen<br>B. FSH<br>C. Prolactin<br>D. Oxytocin  |
| 4  | Acute forms of arthritis usually result from                                       | A. Bacterial invasion<br>B. Viral invasion<br>C. fungal invasion<br>D. Severe injury  |
| 5  | In non disjunction, chromosome's fail to segregate during.                         | A. Prophase<br>B. Metaphase<br>C. Anaphase<br>D. Telophase  |
| 6  | Study of single population's relationship to its environment is called.            | A. Niche<br>B. Autecology<br>C. synecology<br>D. Predation  |
| 7  | Insulin and glucagon hormones are _____ in nature.                                 | A. Carbohydrates<br>B. Proteins<br>C. Polypeptides<br>D. Steroids   |
| 8  | Each Okazaki fragment is synthesized by.   | A. RNA Polymerase<br>B. DNA polymerase<br>C. DNA polymerase I<br>D. DNA polymerase III  |
| 9  | For maximum growth the optimum temperature is 25 - 30°C and it least at            | A. 1 - 3°C<br>B. 5 - 10°C<br>C. 4 - 8°C<br>D. 6 - 12°C  |
| 10 | In 1901, ABO group system was discovered by.                                       | A. Punnett<br>B. Karl Landsteiner<br>C. Wiener<br>D. Bern Stein   |
| 11 | Which of the following is a 'start' codon  | A. AUG<br>B. UAG<br>C. UAA<br>D. UGA  |
| 12 | Most efficient way of supporting the body is seen.                                 | A. Fishes<br>B. Aves<br>C. Reptiles<br>D. Mammals   |
| 13 | Tissue culture and cloning seek help through.                                      | A. Mitosis<br>B. Meiosis<br>C. endomitosis<br>D. Karyokinesis   |
| 14 | The change of frequency of alleles at locus that occur by chance is called.        | A. Mutation<br>B. Migration<br>C. Genetic drift<br>D. Selection   |
| 15 | The functions of oxytocin are to _____   | A. Cause the uterus to contract<br>B. Induce labor<br>C. Stimulate the release of milk from the mother's mammary glands when<br>D. Cause the uterus to contract |

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|    |   | her baby is nursing<br>D. All of the above   |
| 16 | An association between two organisms by which both are benefited is called.                             | A. Parasitism<br>B. commensalism<br>C. Mutualism<br>D. Predation   |
| 17 | The human egg is swept through the oviduct toward the uterus by:  | A. The beating of the egg's cilia<br>B. Rhythmic contraction of the uterus<br>C. Rhythmic contraction of the oviduct<br>D. The beating of the cilia in the oviduct |
| 18 | Arthritis covers over 100 different types of inflammatory or degenerative diseases that damage the      | A. Legs<br>B. Arms<br>C. Sutures<br>D. Joints  |
| 19 | Which one of the following condition is resulted from excess GH in adults?                              | A. Cushing's disease<br>B. Acromegaly<br>C. Hyperthyroidism<br>D. Diabetes mellitus  |
| 20 | At cytokinesis in plants a membrane structure phragmoplast is formed from vesicles which originate from | A. Lysosomes<br>B. Centrioles<br>C. Golgi complex<br>D. Glyoxisomes  |