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# BIO 101

PAST TEST QUESTIONS

**2013/2014 PQ - Sipisi Media**

(SIPISI MEDIA CARES)



(1) The study and development of embryos is known as

**Ans: Embryology**

(2) The competition between individuals of the same species is known as ..

**Ans: Intra-Specific Competition**

(3) Darwin's theory of evolution is known as

**Ans: Theory of Natural Selection**

(4) Modifications of permanent structural change of an organism due to environmental influence this is heritable is known as....

**Ans: Mutation**

5) A directional response that involves all parts of an organism is known as,

**Ans: Tropism**

(6) Macro organisms that lack internal membrane board structures are known as.

**Ans: Prokaryotes**

7) Typhoid is caused by

**Ans: Bacteria (Samonella Typhi)**

(8). \_\_\_\_ is a type of relationship that exists between rumen bacteria that lives in the digestive tract of cows.

**Ans: Symbiosis**

(9) Black wall nut (*Juglans migra*) secretes \_\_\_\_\_ Substance that destroys plant within its root zone.

**Ans: Juglone**

(10) is an example of organism that produces through budding.

**Ans: Hydra**

(11) The functional group of amino acids is the

**Ans: Carboxylic group**

(12) The study of single species of individual organisms and its environment is known as

**Ans: Autecology**

(13). \_\_\_\_Represents the amount of energy (J) to a given unit area ( $m^2$ ) that flows through the tropical level of food chain in a given unit period of time.

**Ans: Pyramid of Energy**

(14) \_\_\_\_\_ are organized structures of DNA and proteins found in cells.

**Ans: Chromosomes**

(15) The phenotypic expression of an allele related to the chromosomal sex of the individuals is known as

**Ans: Sex Linkage**

(16) The fundamental unit of living matter capable of influenced existence is called ...

**Ans: Cell**

(17) The network of thin membrane tubules that help in one packaging and transport of material within the cells is known as

**Ans: Endoplasmic Reticulum**

(18) The science of food and how organisms obtain them is

**Ans: Nutrition**

(19) The kingdom animalia belong to the domain

**Ans: Eukaryote**

(20) A measure of the variability among organisms on the earth is termed

**Ans: Biodiversity**



## 2015/2016 PQ - Sipisi Media

(1) The term ecology was coined by a scientist named

**Ans: Ernst Haeckel**

(2) Zoonotic diseases are \_\_\_\_\_

**Ans: They are disease caused by animals**

(3) The type of chemical reaction involved in respiration is known as ...

**Ans: Aerobic and Anaerobic reaction**

(4) The response of a whole organism to a directional stimulus is referred to as \_\_\_\_\_

**Ans: Tropism**

(5) Glyceraldehyde is an example when all monosaccharide are....

**Ans: Aldose**

(6) Amino acids are both proton donor and proton

acceptors are therefore said to be

**Ans: α - amino acids**

(7) \_\_\_\_\_ represents the amount of energy in a given unit area that flows through the trophic level of the food chain in a given period of time

**Ans: Pyramid of Energy**

(8) \_\_\_\_\_ Proposed the theory of use and disuse

**Ans: Jean Iarmack**

(9) \_\_\_\_\_ another crucial event that distinguishes sexual from asexual reproduction.

**Ans: Fusion of male and Female gametes**

(10). \_\_\_\_\_ are membrane bound sacs or compartments for a separate, specialized task.

**Ans: Lysosomes**

(11) Cattle trail and forest grass is a good example of \_\_\_\_\_ Relationship.

**Ans: Symbiosis**

(12) Burdock seeds on the fur of passing animal is an example of \_\_\_\_\_

**Ans: Commensalism**

(13) The relationship between an alga and a fungus is known as \_\_\_\_\_

**Ans: Mutualism**

(14) That living things on earth are fundamentally similar in their chemical composition is an evidence from \_\_\_\_\_

**Ans: Evidence from Biochemical Similarities**

(15) \_\_\_\_\_ is described as "studying the biology of animals that are under the control of mankind"

**Ans: Zoology**

(16) The sequential processes from prophase to telophase called \_\_\_\_\_

**Ans: Cell division (Mitosis)**

(17). \_\_\_\_\_ is the organelle responsible for protein synthesis.

**Ans: Ribosome**

(18) Lipid derived from cholesterol backbone are

**Ans: Phospholipids and sterols**

(19) The presence of overhead power line, motorways billboards, scarred landforms is known as,

**Ans: Visual Pollution**

(20) Each unique form of a single gene is called

**Ans: Allele**



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## 2017/2018 PQ - Sipisi Media

(1) The fundamental concept in biology which derives from a complex arrangement of organic and inorganic molecules is

**Ans: Protoplasm**

(2) \_\_\_\_\_ are body structures composed of several different tissues grouped together in a structural and functional unit.

**Ans: Organs**

(3) The production of offspring formed by the union of gametes from two genetically different parents is \_\_\_\_\_

**Ans: Sexual Reproduction**

(4) The competition among organisms of the same species is called

**Ans: Intra-Specific Competition**

(5) In biological science, the study of development of embryo is

**Ans: Embryology**

(6) \_\_\_\_\_ deals with the study of how microorganisms affect earth and the atmosphere.

**Ans: Microbiology**

(7) The causative agent of gonorrhea is known as

**Ans: Neisseria Gonorrhea**



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(8) An ecosystem is basically made up of two components; \_\_\_\_\_ and \_\_\_\_\_

**Ans: Biotic and Abiotic components**

(9) The functional role or a particular position of an organism in a community is called

**Ans: Ecological Niche**

(10) In both aerobic and anaerobic respiration, the products are CO<sub>2</sub>, H<sub>2</sub>O, energy and

**Ans: Lactic Acid**

(11) Excess starch is stored in the body in the form known as

**Ans: Glycogen**

(12) is the diseases of animals transmissible to man.

**Ans: Zoonoses**

(13) One of the major causes of loss of biodiversity is \_\_

**Ans: Habitat loss and Fragmentation**

(14) The exchange of genes between populations and between species is

**Ans: Gene Flow**

(15) Differences among individuals which can be passed from parent to offspring is known as

**Ans: Genetic Variation**

(16) Independent assortment is major source of \_\_\_\_

**Ans: Genetic Variation**

(17) Biomolecules are unique because their atoms are held together by bond.

**Ans: Strong Covalent Bond**

(18) The activities of immunoglobulins represents one of the roles of proteins known as

**Ans: Immunity**

(19) An interaction which is more likely to limit population is

Predation and Parasitism

(20) A relationship that describes a close interaction between two different species is known as

**Ans: Symbiosis**

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# MATRIC *Cruise*

REG 1K  
VIP 3K  
TABLE FOR 4 20K  
TABLE FOR 8 50K

FEATURING  
DJ OMAX x DJ OMOR x DJ NOLLY

VENUE: D'CHEZ BON  
HOTEL, OWERRI

LIVE ON  
MATRICULATION DAY

@ 12PM TILL  
MAMA CALLS

FOR TABLE RESERVATION CALL 08113744136


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# FIRST SEMESTER CALENDAR 2020/2021

- SIPISI MEDIA NETWORK -

2ND AUGUST 2021	WEEK 1: LECTURE COMMENCES FOR ALL STUDENTS	30TH SEPTEMBER 2021	SENATE
9TH AUGUST 2021	LECTURE WEEK 2	1ST OCTOBER 2021	INDEPENDENCE DAY
16TH AUGUST 2021	LECTURE WEEK 3	4TH OCTOBER 2021	LECTURE WEEK 10
23RD AUGUST 2021	LECTURE WEEK 4	11TH OCTOBER 2021	LECTURE WEEK 11
26TH AUGUST 2021	SENATE	18TH OCTOBER 2021	EID - EL - MALUD
27TH AUGUST 2021	MATRICULATION	19TH OCTOBER 2021	LECTURE WEEK 12
30TH AUGUST 2021	LECTURE WEEK 5	25TH OCTOBER 2021	REVISION WEEK
6TH SEPTEMBER 2021	LECTURE WEEK 6	28TH OCTOBER 2021	SENATE
13TH SEPTEMBER 2021	LECTURE WEEK 7	1ST NOVEMBER 2021	EXAM BEGINS
20TH SEPTEMBER 2021	LECTURE WEEK 8	13TH NOVEMBER 2021	EXAM ENDS
27TH SEPTEMBER 2021	LECTURE WEEK 9	27TH NOVEMBER 2021	RAIN SEMESTER BEGINS

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