NOVEMBER 2023 EBS 311 GENERAL BIOLOGY THEORY III 30 MINUTES

Candidate's Index Number	
Signature:	

UNIVERSITY OF CAPE COAST COLLEGE OF EDUCATION STUDIES SCHOOL OF EDUCATIONAL DEVELOPMENT AND OUTREACH INSTITUTE OF EDUCATION

COLLEGES OF EDUCATION FOUR-YEAR BACHELOR OF EDUCATION (B.ED) THIRD YEAR, SECOND SEMESTER MID-SEMESTER QUIZ, NOVEMBER 2023

23RD NOVEMBER 2023

GENERAL BIOLOGY THEORY III

3:00 PM - 3:30 PM

Answer ALL the questions. (20 MARKS)

Items 1 to 20 are stems followed by four options lettered A to D. Read each item carefully and circle the letter of the correct or best option.

1.	The geometrical device that helps to find out all the possible combinations of male and female gametes is called square. A. Bateson B. Mendel's C. Morgan's D. Punnette's
2.	An example of a genotype is A. a tall pea plant. B. haemophiliac. C. R and r. D. TtHH.

- 3. The inheritance of skin colour in humans is an example of
 - A. co-dominance.
 - B. epistasis.
 - C. linkage.
 - D. polygenic.
- 4. If the diploid number of chromosomes is 48, how many chromosomes will be found in its pollen grain?
 - A. 12
 - B. 24
 - C. 48
 - D. 96

5.	Asexual reproduction in <i>Amoeba</i> sp. takes place through
6.	In which option is all parts of stamen and pistil fully shown? A. anther filament pollen ovary stigma style B. anther petal sepal style stigma sepal C. anther petal pollen style petal stigma D. calyx corolla pollen calyx cprolla ovary
7.	The egg in the carpel is known as A. ovary. B. ovule. C. stigma. D. style.
8.	The male reproductive part of a flower, the stamens are collectively known as
9.	Reproduction is essential for living organisms in order to A. continue the species. B. fulfil their energy requirements. C. keep the organism. D. maintain growth.
10.	By what process do tadpoles develop into young frogs? A. Budding B. Embedding C. Fertilization D. Metamorphosis
11.	The female reproductive system in humans contains of ovaries. A. a pair B. only one C. three pairs D. two pairs
12.	Which of the following is a hermaphrodite? A. Cow B. Dog C. Earthworm D. Elephant
13.	Which of the following animals swallow their prey? A. Ant B. Human C. Hummingbird D. Snake

14.	A. B. C.	is a condition that results from eating a diet in which nutrients are not enough. Appetite Malnutrition Repletion Starvation
15.	A. B. C.	A B C D
16.	A. B. C.	food that gives most calories per unit mass is
17.	fossi A. B. C.	ch of the following geographic areas is the largest source of CO ₂ emissions from burning of l fuel? China European Union North America Russia
18.	A. B. C.	ch of the following greenhouse gases is entirely anthropogenic in nature? CFCs CO ₂ Methane Water vapour
19.	A. B. C.	nisms which depend on producers for nutrition are called
20.	A. B. C.	th one of the following would appear as the pioneer organisms on bare rocks? Green algae Lichens Liverworts Mosses