

AUGUST, 2021
EBS 159J
THE NATURAL ENVIRONMENT
2 HOURS

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)
FIRST YEAR, END-OF-SECOND SEMESTER EXAMINATION, JULY/AUGUST, 2021

AUGUST 6, 2021 THE NATURAL ENVIRONMENT 9:00 AM – 9:30 AM

This paper consists of two sections, A and B. Answer ALL the questions in Section A and TWO questions from Section B. Section A will be collected after the first 30 minutes.

SECTION A
Answer ALL the questions in this Section.

For items 1 to 18, each stem is followed by four options lettered A to D. Read each item carefully and circle the letter of the correct or best option.

1. The downfold part of a fold mountain is also called
A. Anticline.
B. Climax.
C. Crest.
D. Syncline.
2. Organisms of the same kind which have the potential to interbreed and produce off springs capable of reproduction are called
A. bacteria.
B. predators.
C. saprophytes.
D. species.
3. All the following are the characteristics of biological resources **except**
A. inexhaustibility.
B. life.
C. location.
D. renewability.
4. The upper part of the earth interior which is made up of centennial and oceanic rocks called the crust is also known as.....
A. Atmosphere.
B. Biosphere.
C. Hydrosphere.
D. Lithosphere.

5. The zone of demarcation between the crust and the mantle within the earth interior is called discontinuity.
- Gutenberg
 - mohorovicic
 - stratopause
 - tropopause
6. Which of these realms or spheres of the earth occupies the largest portion?
- Atmosphere.
 - Biosphere.
 - Hydrosphere.
 - Lithosphere.
7. What is the consequence of global climate change?
- Rise in land breeze.
 - Rise in rainfall.
 - Rise in sea level.
 - Rise in water temperature.
8. A community showing the relationship between living things and non-living things is best described as
- atmosphere.
 - biosphere.
 - ecology.
 - ecosystem.
9. To address the problem of global climate change, people should be advised to
- check weather records.
 - engage in responsible fishing.
 - plant more trees.
 - use cfc products.
10. Which chemical is perceived to be destroying the ozone layer?
- Carbon dioxide.
 - Carbon monoxide.
 - Chlorofluoro carbons.
 - Sulphur dioxide.
11. The cooling and solidification of molten materials (magma) from the earth's interior leads to the formation rocks known as rocks.
- hypabyssal
 - igneous
 - metamorphic
 - sedimentary
12. Rocks which are formed through thermal and dynamics transformation of pre-existing rock materials are likely to be rocks.
- arenaceous
 - igneous
 - metamorphic
 - sedimentary

13. The type of rocks which are mainly formed from the transportation, deposition and hardening of the remains of plants and animals is likely to be
- A. chemically formed.
 - B. mechanically formed.
 - C. organically formed.
 - D. saturated formed.
14. Which of these causes of environmental problems in Ghana is anthropogenic in nature?
- A. Deforestation.
 - B. Flooding.
 - C. Volcanic Eruption.
 - D. Wind storms.
15. Any biological, chemical, radiological or physical agent which has the potential of harming humans, animals and destruction of the environment either directly or through the trigger effects of other agents can be described as
- A. Catastrophe.
 - B. Disaster.
 - C. Epidemic.
 - D. Hazardous.
16. Which of these industries involved in the exploitation and harnessing of physical resources are commonly referred to as “robber” industries? industry.
- A. Extractive
 - B. Genetic
 - C. Manufacturing
 - D. Service
17. The atmospheric conditions are mostly found in the
- A. Stratosphere.
 - B. Mesosphere.
 - C. Troposphere.
 - D. Thermosphere.
18. Lunar eclipse occurs when
- A. the earth comes between the sun and the moon.
 - B. the moon comes between the sun and the earth.
 - C. there is a total darkness in the night.
 - D. there is total darkness in the penumbra.

For items 19 to 20 are statements followed by True and False options. Read each statement carefully and indicate whether it is TRUE or FALSE by circling the letter of the correct option.

19. Based on the depth of formation, volcanic igneous rocks are those formed deep within the earth’s interior.
- A. False.
 - B. True.
20. In Ghana, current statistics from the Environmental Protection Agency (EPA) indicates that most cities now face a major problem of oil spillage.
- A. False.
 - B. True.

