

JULY 2019
EBS 159
THE NATURAL ENVIRONMENT
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)
FIRST YEAR, SECOND SEMESTER QUIZ II, JULY 2019

JULY 3, 2019 **THE NATURAL ENVIRONMENT** **3:00 PM – 3:30 PM**

Answer all the questions on the question paper.

For items 1 to 20, each stem is followed by four options lettered A to D. Read each statement carefully and circle the letter that bears the correct or best option.

1. Which of the following is the correct sequence of the components of the earth's structure?
A. Core, mantle, crust, atmosphere.
B. Mantle, core, atmosphere, crust.
C. Atmosphere, mantle, core, crust.
D. Crust, core, mantle, atmosphere.
2. The earth crust is made up of.....
A. sial and sima.
B. nife and sial.
C. sima and nife.
D. sima and alumina.
3. Which of the following is an important raw material for the manufacture of cement?
A. Clay.
B. Sandstone.
C. Limestone.
D. Chalk.
4. The chemical composition of the earth's core is
A. iron and nickel.
B. iron and silica.
C. alumina and magnesia.
D. nickel and alumina.
5. Which type of rainfall is associated with thunderous activities?
A. Frontal.
B. Relief.
C. Convectional.
D. Line squall.

6. Which of these rocks is used as a raw material for the manufacture of Plaster of Paris (PoP)?
 - A. Granite.
 - B. Gypsum.
 - C. Porphyries.
 - D. Andesite.

7. Which of the following planets has three flat circular rings around its middle?
 - A. Jupiter.
 - B. Mercury.
 - C. Neptune.
 - D. Saturn.

8. Which one of the following has the largest population in a food chain?
 - A. Producers.
 - B. Primary consumers.
 - C. Secondary consumers.
 - D. Decomposers.

9. Which of the following statements is **not** true?
 - A. Inorganic nutrients are recycled in an ecosystem.
 - B. Energy flows through the ecosystem in the form of C-C bonds.
 - C. Energy is recycled in an ecosystem.
 - D. Respiration process releases energy.

10. The organisms which feed on dead organisms and excreta of living organisms are known as.....
 - A. decomposers.
 - B. consumers.
 - C. producers.
 - D. carnivores.

11. The atmospheric conditions are mostly found in the
 - A. stratosphere.
 - B. mesosphere.
 - C. troposphere.
 - D. thermosphere.

12. Which of the following is an autotroph?
 - A. Cassava
 - B. Goat
 - C. Worm
 - D. Human being

13. The mantle is separated from the core by a discontinuity called discontinuity
 - A. gutenberg.
 - B. mohorovicic.
 - C. yugoslavic.
 - D. zugoslavic.

14. 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 total darkness in the night.
 - D. there is total darkness in the penumbra.
15. Which one of the following pairs of rocks is metamorphic?
- A. Basalt and granite.
 - B. Gneiss and basalt.
 - C. Gneiss and quartzite.
 - D. Granite and dolomite.
16. During the revolution of the earth, the earth is tilted at an angle of...degrees.
- A. $45\frac{1}{2}$
 - B. 55.
 - C. $22\frac{1}{2}$
 - D. 23.5
17. Which of the following statements is **false**?
- A. The earth rotates from west to east.
 - B. The earth rotates through 15° of Longitude in an hour.
 - C. The earth's rotation causes the seasons.
 - D. The earth's rotation causes winds to be deflected.
18. Which of the following is **not** a type of rainfall?
- A. Precipitation rainfall.
 - B. Orographic rainfall.
 - C. Convectional rainfall.
 - D. Frontal rainfall.
19. The rock type that is stratified is referred to as..... rock
- A. metamorphic
 - B. sedimentary
 - C. igneous
 - D. changed
20. The term "tundra" most commonly denotes..... areas.
- A. polar
 - B. temperate
 - C. tropical
 - D. equatorial

