



BIOLOGY

BOOKS - NEET PREVIOUS YEAR (YEARWISE + CHAPTERWISE)

THE LIVING WORLD

Exercise

1. Nomenclature is governed by certain universal rules. Which one of the following is

contrary to the rules of nomenclature

A. The first word in a biological name represents the genus name and the second is specific epithet

B. The names are written in Latin and are Italicised

C. When written by hand, the names are to be underlined

D. Biological names can be written in any language

Answer: D



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2. The label of a herbarium sheet does not carry information on

- A. date of collection
- B. name of collector
- C. local names
- D. height of the plant

Answer: D



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3. study the four statements (A-D) given below and select the two correct ones out of them

(A) Definition of biological species was given by Ernst Mayr

(B) photoperiod does not affect reproduction in plants

(C) Binomial nomenclature system was given by Ernst Whittaker

(D) In unicellular organisms, reproduction is synonymous with growth

The two correct statements are

A. II and III

B. III and IV

C. I and IV

D. I and II

Answer: C



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4. Biological organisation starts with

A. sub-microscopic molecular level

B. cellular level

C. organismic level

D. atomic level

Answer: A



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5. The living organisms can be undexceptionally distinguished from the non - living things on the basis of their ability for

A. responsiveness to touch

B. interaction with the environment and
progressive evolution

C. reproduction

D. growth and movement

Answer: B





6. Which of the following is an example of negative feedback loop in humans

A. Constriction of skin blood vessels and contraction of skeletal muscles when it is too cold

B. Secretion of tears after falling of sand particles into the eye

C. Salivation of mouth at the sight of
delicious food

D. Secretion of sweat glands and
constriction of skin blood vessels when
it is too hot

Answer: A



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7. Carbohydrates, the most abundant biomolecules on earth, are produced by

A. all bacteria, fungi and algae

B. fungi, algae and green plant cells

C. some bacteria, algae and green plant cells

D. viruses, fungi and bacteria

Answer: C



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8. More than 70% of world's fresh water is contained in

A. antarctica

B. greenland

C. glaciers and mountains

D. polar ice

Answer: D



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9. There is not life on moon because there is no

A. O_2

B. water

C. light

D. temperature

Answer: B



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10. Diversity of living organisms is due to :

A. mutation

B. gradual change

C. long term evolutionary change

D. short term evolutionary change

Answer: C



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11. First life form on earth was a

A. cyanobacteria

B. chemoheterotrophs

C. autotrophs

D. photoautotrophs

Answer: B



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12. Relative Biological Effectiveness (RBE)

usually refers to damage caused by

- A. low temperature
- B. high temperature
- C. encephalitis
- D. radiation

Answer: D



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13. The most important feature of all living systems is to

- A. utilise oxygen to generate energy
- B. replicate the genetic information
- C. produce gametes
- D. utilise solar energy for metabolic activities

Answer: B



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14. Pedology is science of

A. earth

B. soil

C. diseases

D. pollution

Answer: B



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15. Homeostasis is

A. tendency to change with change in environment

B. tendency to resist change

C. disturbance in regulatory control

D. plants and animals extracts used in homeopathy

Answer: B



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16. Improvement of human race through improvement of human environment is

A. Euthenics

B. Eugenics

C. Euphenics

D. Ethnology

Answer: B



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