



BIOLOGY

BOOKS - NIKITA PUBLICATION

LIVINIGN WORLD

Exercise

1. Life complex phenomenon which show basic features like...

A. growth, reproduction

B. homeostasis, adaptation, death

C. irritability, metabolism

D. all of these

Answer:



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2. Which is common between living and non living things

- A. all show irritability
- B. they show growth
- C. they are made up of C,H,O,N
- D. they show multiplication

Answer:



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3. Which of the following is/ are absent in non-living things

A. presence of protoplasm

B. cellular organisation

C. nutrition and growth

D. all above absent

Answer:



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4. which of the following is most important feature of living organisms.

A. they are made up of C,H,O,N.

B. they have protoplasm

C. they have cell wall

D. eukaryotic nucleus

Answer:



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5. Who called protoplasm as physical basis of life

A. Aristotle

B. Theophrastus

C. Huxley

D. Miller

Answer:



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6. Organism can maintain their internal environment despite change in external environment is called as

A. osmosis

B. homeostasis

C. irritability, metabolism

D. endotherms

Answer:



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7. Which group of animal depend on their environment for temperature regulation i.e.

they change body temperature according to temperature of environment.

A. cold blooded animals

B. poikilotherms

C. ectotherms

D. all of these

Answer:



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8. Animals like birds and mammals are

A. warm blooded

B. endothermic

C. maintain body temperature constant

D. all of these

Answer:



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9. All of the following are correct except?

A. When consciousness comes to human beings, it is all more difficult to define living state.

B. We observe patients lying in coma in hospitals virtually supported by machines is otherwise brain-dead

C. The patient has no self-consciousness, never come back to normal to normal

life,are non-living

D. consciousness, growth,reproduction are
definite features

Answer:



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10. Which of the following is wrong about
growth?

A. increase in mass & increase in number
are twin characters of growth

B. multicellular organisms grows by cell
division

C. growth of animal is intrinsic while in
plants it is extrensic

D. irreversible increase in size & number of
cells

Answer:



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11. Which of the following is true?

A. in plants growth occur continuously through life while in animal growth takes place upto certain age

B. growth of living is intrinsic while non living is extrinsic by accumulation of materials in mountain, boulders, sand mounds

C. both a and b

D. a is true b is wrong

Answer:



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12. Growth is

A. quantitative

B. qualitative

C. quantitative but never qualitative

D. both a and b

Answer:



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13. Which of the following statement is false for growth

A. it is permanent change, measured against time

B. unicellular organism grow by cell division while in animals & plants growth, reproduction mutually exclusive events

C. growth is not defining feature of life

D. growth is quantitative, extrinsic, temporary

Answer:



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14. Formation of new individuals from pre-existing one is called as....

A. evolution

B. reproduction

C. irritability, metabolism

D. metabolism

Answer:



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15. Which method of reproduction is primitive type and generally producing identical individuals.....

A. asexual

B. amphimixis

C. biparental method

D. sexual

Answer:



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16. Which of the following is wrong?

A. Fungi multiply and spread easily due to the millions of asexual spores

B. In lower organisms like yeast and hydra, we observe budding

C. sexual reproduction leads to produce identical individuals

D. In Planaria we observe true regeneration

Answer:





17. Which of the following is wrong?

A. The fungi, the filamentous algae, protonema of mosses, multiply by fragmentation

B. bacteria, unicellular algae or Amoeba, reproduction is synonymous with growth

C. in single-celled organisms, we are not very clear about the usage of these two terms - growth and reproduction

D. many organisms which can reproduce (mules, sterile worker bees, infertile human couples)

Answer:



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18. What is the role of death

- A. it recycles minerals
- B. controls the population
- C. both a and b
- D. maintain species

Answer:



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19. Which of the following is true about movement.....

A. animal show movement and locomotion

B. higher plants show movement but not locomotion

C. animal show locomotion in search of food and mating.

D. all above are true

Answer:





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20. All living organisms show common except.

A. responsiveness

B. metabolism

C. reproduction

D. locomotion

Answer:



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21. All living organisms are made up of chemicals. Which of the following are constructive reactions and which are called as destructive reactions?

A. anabolism, catabolism

B. catabolism, anabolism

C. exothermic process

D. metabolism, anabolism

Answer:



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22. Which of the following are true except?

A. non living organisms do not exhibit metabolism

B. metabolic isolated reactions can be demonstrated outside the body in cell free system, is neither living, nor non living

C. all metabolic reactions are catabolic

D. metabolism is defining feature of life

Answer:



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23. Which of the following is true for irritability

A. all living organisms can give response to particular stimulus

B. human being is only animal aware

himself has self consciousness

C. it is defining property of living

D. all of above

Answer:



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24. The collection and labelled of pressed, dried, preserved plants mounted on paper sheet and labelled is called as

A. key

B. plant preservtion

C. herbarium

D. specimen arboretum preservation

Answer:



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25. The herbaria preparation is method of making....

A. botanical garden

B. herbaria garden

C. dry garden

D. preserved garden

Answer:



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26. Which of following statement is correct for herbarium?

- A. The herbarium sheets also carry a label providing information
- B. Herbaria also serve as quick referral systems in taxonomical studies
- C. Herbarium is a store house of collected plant specimens that are dried, pressed and preserved on sheets
- D. all of these

Answer:



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27. The herbarium sheet is labelled as.....

- A. upper left side of sheet
- B. upper right side of sheet
- C. lower left side of sheet
- D. lower right side of sheet

Answer:



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28. Largest herbarium of world is at.....

A. New york

B. Kolkata

C. Kew London

D. Paris

Answer:



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29. The standard size of herbarium sheet is

A. `29 xx 41.5 cm

B. `35xx45 cm

C. `35xx35 cm

D. `45xx55 cm

Answer:



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30. Herbaria are useful for.....

A. identification of plants

B. store house for future use

C. taxonomic research

D. all of these

Answer:



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31. The institution located on land and grows number of types of plants obtained from different places is called as.....

A. National park

B. botanical garden

C. museum

D. key

Answer:



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32. First modern day botanical garden was established in

A. Paris

B. New york

C. Kolkata

D. Italy

Answer:



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33. The botanical garden with growing trees and shrubs is called as....

A. museum

B. park

C. arboretum

D. scenturies

Answer:



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34. The famous botanical garden in the world
is

A. national botanical research institute-

Luknow

B. Indian botanical garden kolkata

C. royal botanical garden kewlondon

D. botanical garden-Paris

Answer:



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35. Botanical gardens are useful....

A. comparative taxonomic study

B. different ornamental plants are
cultivated

C. medicinally important plants are
cultivated

D. all of these

Answer:



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36. The place where storing, preservation and exhibition of objects is called as

A. botanical garden

B. museum

C. scentury

D. national parks

Answer:



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37. Which of the following is correct?

Museums have collections of preserved plant and animal specimens for study and reference

Plant and animal specimens may also be preserved as dry specimens

Insects are preserved in insect boxes after collecting, killing and pinning

Larger animals like birds and mammals are usually stuffed and preserved

Museums often have collections of skeletons of animals too

A. A,B, Ccorrect, D,E,wrong

B. A,E,Ccorrect,D,B,wrong

C. All are correct

D. A,B,Ecorrect,D,C,wrong

Answer:



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38. Zoological parks are useful for

A. study of animal types by students

B. public becomes more familiar to wild animals

C. source of tourist attraction

D. all of these

Answer:



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39. The scheme of identification of plants and animals represents the choice made between two opposite options on the basis of

similarities and difference and This results in acceptance of only one and rejection of the other is called as.

A. arboretum

B. key

C. scentrury

D. museum

Answer:



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40. Key is based on contrasting character is known as....Each character of couplet is called as.....

- A. Singlet, lead
- B. doublet, lead
- C. tribulet, lead
- D. couplet, lead

Answer:



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41. Which of the following is correct?

A. Separate taxonomic keys are required for each taxonomic category such as family, genus and species for identification purposes

B. Keys are generally analytical in nature

C. flora, manuals, monographs and catalogues are some other means of recording descriptions

D. all of these

Answer:



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42. identify correct statement

A. Key is useful They also help in correct identification. Flora contains the actual account of habitat and distribution of plants of a given area

B. These provide the index to the plant species found in a particular area

C. Manuals are useful in providing information for identification of names of species found in an area. Monographs contain information on any one taxon

D. all of these

Answer:



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43. Type of key provide sequence of choice between two or more statements of characters of species is.....

A. indented key

B. yoked key

C. both a and b

D. breacketed

Answer:



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44. Which type of key is less followed for identification..... which type of key is widely used.....

A. yoked, breaketed

B. breaketed, yoked

C. indent, yoked

D. yoked, indent

Answer:



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45. Which type of key provide pairs of contrasting character used for identification is.....

A. idented

B. yoked

C. bracketed

D. both a and b

Answer:



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46. Indian botanical garden is located at

A. Lucknow

B. Kolkata

C. Mysore

D. Ootakmand

Answer:



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47. Botanical garden and zoological parks have

A. collection of living and fossil species

B. collection of species of particular area

C. collection of plants and animals of our
country

D. collection of plants and animals endemic
and exotic species

Answer:



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48. The great banyan tree is largest tree in world which is located at

- A. royla botanical garden kewlondon
- B. Indian botanical garden shibpur-kolkata
- C. forest institute Deharadun
- D. botanical garden of Mysore

Answer:



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49. Which of the following is wrong

A. key is taxonomic aid for identification of specimens

B. botanical garden is collection of living plants of different area

C. museum has collection of plant and animals

D. herbarium is preserved specimens in formaline

Answer:



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50. Which of following is taxonomic tool.....

- A. botanical gardens
- B. herbaria
- C. museum
- D. all of these

Answer:



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