

سری سوال : یک ۱

زمان آزمون (دقیقه): تستی : ۶۰ تشریحی : ۰

تعداد سوالات : تستی : ۳۰ تشریحی : ۰

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عنوان درس : متون زیست شناسی

رشته تحصیلی / کد درس : زیست شناسی (عمومی) ۱۱۱۲۰۲۵

1-What word is used for a differentiated structure of an organism composed of various tissues?

1. system                      2. organ                      3. muscle                      4. phloem

2-The cells of what animal were cultured in 1907 by a biologist?

1. salamander cells                      2. man cells  
3. chick cells                      4. plant cells

3-How many nuclei are there in skeletal muscle cells?

1. none                      2. one                      3. several                      4. two

4-what is the English equivalent of the Latin word ( Fungus)?

1. plant                      2. sea-weed                      3. flower                      4. mushroom

5-what is the basic unit of structure and function in man?

1. animal                      2. cell                      3. plant                      4. organism

6-what does plasma mean?

1. form                      2. inner bark                      3. kernel                      4. dried

7-What consists of many parts and makes up most of the mass of the cell?

1. nucleus                      2. endoplasm                      3. exoplasm                      4. cytoplasm

8-By What mechanism do hydras and yeasts reproduce ?

1. mating                      2. budding                      3. fission                      4. conjugation

9-If the female larvae in a honeybee colony are fed a rich diet what will they develop into .....

1. unfertile queens                      2. female workers  
3. fertile queens                      4. male workers

10-what are called the organs that produce sex cells ?

1. glands                      2. gonads                      3. ovaries                      4. testes

11-what have multicellular organisms obtained their sex organs through ?

1. revolution                      2. reproduction                      3. evolution                      4. selection

12-what do we call the main subdivision of the plant or animal kingdom?

1. species                      2. phyla                      3. tribe                      4. genus

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13-what does rhiza mean?

1. empty                      2. foot                      3. seed                      4. root

14-Almost all members of what class exhibit parasitism at some stage of their existence.

1. Rhizopoda                      2. sporozoa                      3. flagellata                      4. ciliata

15-what happens to the surface volume ratio of any solid body of constant shape as the size increases ?

1. decreases                      2. increases                      3. enlarges                      4. doubles

16-what word can we use for constitute?

1. locomtion                      2. compose                      3. originates                      4. motility

17-what do we call the basic unit of inheritance?

1. gene                      2. chromosome                      3. DNA                      4. trait

18-where are the chromosomes and genes located ?

1. chromosomes-nucleus                      2. nuclealus -chromosomes  
3. nucleus - chromosomes                      4. chromosomes -nuclealus

19-what do chromosomes consist of ?

1. nucleic Acid and protein                      2. nucleic Acids and carbohydrates  
3. protein and nucleic Acid                      4. Ascorbic Asids and nucleic Acids

20-what is the shape of DNA?

1. rectangular                      2. geometrical                      3. cubic                      4. helical

21-what is situated in the central part of the chromosome as a thread?

1. circular area                      2. chromonema                      3. chromomers                      4. centromere

22-what do we call the substance that is responsible for accelerating a chemical or physical reaction ?

1. catalyst                      2. glucose                      3. cytochrome                      4. ATP

23-what does (en) mean in the word enzyme?

1. on                      2. at                      3. in                      4. under

24-What is the main catalyst in the process of phtosynthesis ?

1. carotenoid                      2. cytochrome                      3. chlorophyll                      4. ferredoxin

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25-how does carbon dioxide diffuse into the plant by way of ....

1. grana                      2. stroma                      3. granum                      4. stomata

26-what is the concentration of carbon dioxide in the atmosphere in compare to the CO2 of the cell?

1. the same                      2. higher                      3. no difference                      4. lower

27-what do we call a plant-eating animal?

1. carnivore                      2. predator                      3. herbivore                      4. saprophyte

28-what is the name of a tropical or subtropical grass land containing scattered trees?

1. savanna                      2. desert                      3. forest                      4. field

29-what helps any arctic mammal to conceal itself ?

1. white fat                      2. brown coat                      3. white coat                      4. brown fat

30-what is called the place an organism live ?

1. niche                      2. cave                      3. house                      4. habitat