

تعداد سوالات: تستی: ۳۰ تشریحی: ۰

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

سری سوال: یک ۱

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?

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|-----------|----------|-----------|-----------|
| 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?

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

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

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

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

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

6-what does plasma mean?

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|---------|---------------|-----------|----------|
| 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 ?

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|-----------|------------|------------|----------------|
| 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

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

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

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

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

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

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

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|------------|----------|----------|----------|
| 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