

سری سوال: یک ۱

زمان آزمون (دقیقه): ۶۰ تشریحی: ۰

تعداد سوالات: تستی: ۳۰ تشریحی: ۰

عنوان درس: متون زیست شناسی

رشته تحصیلی/کد درس: زیست شناسی گرایش عمومی ۱۱۱۲۰۲۵

1-what term is used for a differentiated structure of an organism composed of various tissues?

1. system                      2. tissues                      3. cells                      4. organ

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

1. nucleus                      2. mitochondrion  
3. cytoplasm                      4. endoplasmic reticulum

4-What are the chromoplasts that contain pigments responsible for; in flowers and fruits?

1. making tissues                      2. colors                      3. synthesis                      4. resistance

5-complex assemblages are formed by the combination of simple -----.

1. ions                      2. atoms                      3. organisms                      4. molecules

6-What kind of processes involved in the union of the male and female gametes to form the zygote?

1. physical processes                      2. combination processes  
3. chemical processes                      4. physiochemical processes

7-What is the root and meaning of the word gamete?

1. GK-wife                      2. L-wife                      3. L-spouse                      4. GK-spouse

8-What animals have alternate sexual and asexual generations?

1. tracheophytes                      2. coelentrates                      3. fungi                      4. mosses

9-Each living thing reproduces offspring of -----own kind.

1. its                      2. it,s                      3. their                      4. theirs

10-What have multicellular organisms obtained their sex organs through?

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

11-What is the root and meaning of the word ciliata?

1. GK-eyelid                      2. GK-eyelash                      3. L-eyelid                      4. L- eyelash

12-The first animals -----we call protozoa are single -celled forms.

1. when                      2. where                      3. that is                      4. which

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13-What is called the sexual reproduction in many species of the phylum protozoa?

- |                |                    |
|----------------|--------------------|
| 1. budding     | 2. spore formation |
| 3. conjugation | 4. fission         |

14-What is needed by each protozoan call for the digestion of food ?

- |               |            |           |            |
|---------------|------------|-----------|------------|
| 1. false foot | 2. vacuole | 3. cilium | 4. channel |
|---------------|------------|-----------|------------|

15-What group of the phylum protozoa has been kown to be a bridge between the plant and animal kingdoms?

- |              |               |             |            |
|--------------|---------------|-------------|------------|
| 1. rhizopoda | 2. flagellata | 3. sporozoa | 4. ciliata |
|--------------|---------------|-------------|------------|

16-What is the basic unit of inheritance ?

- |               |         |          |             |
|---------------|---------|----------|-------------|
| 1. chromosome | 2. gene | 3. trait | 4. genetics |
|---------------|---------|----------|-------------|

17-What tem is used for the visible expression or trait?

- |                 |             |              |               |
|-----------------|-------------|--------------|---------------|
| 1. heterozygous | 2. genotype | 3. phenotype | 4. homozygous |
|-----------------|-------------|--------------|---------------|

18-Where are the chromosomes located? In the -----.

- |            |            |              |              |
|------------|------------|--------------|--------------|
| 1. vacuole | 2. nucleus | 3. nuclealus | 4. cytoplasm |
|------------|------------|--------------|--------------|

19-The individuals in the F2 generation were in a proportion ----- three to one.

- |       |         |       |         |
|-------|---------|-------|---------|
| 1. of | 2. with | 3. at | 4. from |
|-------|---------|-------|---------|

20-What do chromosomes consist of?

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| 1. nucleic acids and carbohydrates | 2. nucleic acids and ascorbic acids |
| 3. protein and nucleic acids       | 4. protein and fatty acids          |

21-What is the English equivalent of the Latin word"aqua"?

- |           |          |         |           |
|-----------|----------|---------|-----------|
| 1. Liquid | 2. water | 3. soil | 4. watery |
|-----------|----------|---------|-----------|

22-The chloroplast that plays an important role in the photosynthetic activity----- in the cell.

- |         |        |        |           |
|---------|--------|--------|-----------|
| 1. lies | 2. lie | 3. lay | 4. is lie |
|---------|--------|--------|-----------|

23-The leaves that are most specialized for photosynthesis have cells containing very few -----.

- |            |                |          |                 |
|------------|----------------|----------|-----------------|
| 1. stomata | 2. chloroplast | 3. golgi | 4. mitochondria |
|------------|----------------|----------|-----------------|

24-What is the major plant pigment that absorb light in plant cell?

- |          |                |               |                |
|----------|----------------|---------------|----------------|
| 1. NADPH | 2. chlorophyll | 3. ferredoxin | 4. cytochorome |
|----------|----------------|---------------|----------------|

25-The lipids of what possoss galactose or sulfur?

- |            |           |              |                |
|------------|-----------|--------------|----------------|
| 1. protein | 2. granum | 3. carotenes | 4. chlorophyll |
|------------|-----------|--------------|----------------|

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26-How is the life in the desert and arctic?

1. compact                      2. dense                      3. sparse                      4. modrate

27-Some predators move around-----and----- other animals.

1. catching- eat                      2. catching -eating                      3. catch- eat                      4. catch- eating

28-Which organism can digest wool?

1. virus                      2. clothes moth                      3. fungus                      4. clothes bacteria

29-After the energy of sunlight is trapped in a plant the transfer of energy starts in a -----.

1. biological clock                      2. biological test tube  
3. biological oxidation                      4. biological community

30-What breaks down the organisms in an ecosystem into organic and inorganic materials?

1. decomposers                      2. consumers  
3. producers                      4. non living components