



تعداد سوالات: تستی: ۳۰ تشریحی: ۰

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

سری سوال: یک ۱

عنوان درس: (زبان تخصصی) زیست شناسی گیاهی، متون زیست شناسی (علوم گیاهی)

رشته تحصیلی/کد درس: زیست شناسی گرایش علوم گیاهی ۱۱۱۲۱۲۰ - ، زیست شناسی (علوم گیاهی) ۱۱۱۲۱۶۳

1-A young stem or ..... is marked by the presence of nodes.

1. bud                                      2. shoot                                      3. twig                                      4. branches

2-A ..... bud occurs at the tip of the twig.

1. alternate                                      2. opposite                                      3. whorled                                      4. terminal

3-what is the english equivalent of the latin word "organ"?

1. kernel                                      2. bedding                                      3. descent                                      4. instrument

4-which of the following fields are merely botanical?

1. genetics                                      2. agronomy                                      3. ecology                                      4. cytology

5-sepals and petals are collectively called the...

1. pedical                                      2. receptacle                                      3. perianth                                      4. tepals

6-tissue made of dead cork

1. berry                                      2. bark                                      3. phloem                                      4. paranchima

7-The term of .....is often applied to those substances which act as poison or narcotic.

1. perfume                                      2. drugs                                      3. beverages                                      4. Tanins

8-The large red swellings on the leaves of the willow are caused by.....

1. gall                                      2. tannic acid                                      3. bacteria                                      4. parasite insects

9-the energy for photosynthesis process is .....

1. chemical energy                                      2. radiant energy                                      3. NADPH                                      4. ATP

10-oxygen is a .....of photosynthesis.

1. raw material                                      2. by- product                                      3. second product                                      4. organic gas

11-the plant leaf consist of the.....

1. perianth                                      2. petal and sepal  
3. blade and petiole                                      4. sepal

12- In the sentences: "...tea plant cherished by gardener." Which words can be used instead of "cherished"?

1. Seen                                      2. made                                      3. found                                      4. cultured

13-what is main factor that may limit plant growth in cold climate?

1. ice                                      2. freezing                                      3. drought                                      4. rainfall



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14-what is the major limiting factor for the relative rareness of life in the desert and Arctic?

1. water                                      2. temprature                                      3. soil                                      4. oxygen

15- The head of compositae is surrounded by an involucre of ....?

1. pappus                                      2. scales                                      3. capitula                                      4. phyllaries

16-what plants we can be named " extinct plants" ?

1. all are different from today's plants  
2. all have fossil records  
3. we can stimated its age with carbon dating method  
4. they are object for archeology

17-Which of the following two-characters are related to the leaves of common sunflower?

1. petiolate, stipulate                                      2. petiolate, exstipulate  
3. sessile, stipulate                                      4. sessile, exstipulate

18-How woody angiosperms can survive in temperate and northern regions in winter conditions ?

1. shedding their leaves                                      2. keep their leaves  
3. decrease abundance                                      4. emerge gradually

19- What is the kind of fruit of common sunflower?

1. drupe                                      2. cypsela                                      3. nut                                      4. legume

20-In this sentences " seed ferns in particular reached their greatest abundance", which word can replace the underline part :

1. share space                                      2. flourished                                      3. arisen                                      4. promoted

21-What is by product of photosynthesis?

1. CO2                                      2. H2O                                      3. O2                                      4. NADPH

22- What is the name of that group of plants whose seeds are borne naked on a sporophyll?

1. angiosperms                                      2. coniferous                                      3. seed ferns                                      4. gymnosperms

23-Tissue culture is used for plant ....

1. nutrition                                      2. growth                                      3. pathogeny                                      4. improvement

24-What must we do before inoculation of plant material?

1. spraying                                      2. precautions                                      3. sterilization                                      4. flamed



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25- According some opinions: " .... hormones cause a form of gall at the site of infection" Find the right word for fill the blank

1. unusual                      2. infected                      3. excess                      4. induced

26- What is most important necessity for genetic engineering?

1. alginate beads                      2. entrapment of somatic embryo  
3. well equipped labratory                      4. regenerated plantlet

27- What is the name of plant cell whose cell wall completely removed?

1. vector                      2. cytoplasm                      3. protoplast                      4. transgenic

28- compositae belong to what group of plants?

1. restricted                      2. native                      3. regional                      4. world wide

29- What we can named part of photosynthetic reactions, in that: " water splitting" occurring?

1. hill reactions                      2. dark reactions  
3. reduced reactions                      4. non-cyclic photophosphorilation

30- why wild tea is taller than cultivated tea? Because cultivated tea is severally.....

1. fermented                      2. trimmed                      3. plucked                      4. cherished

شماره سوال	پاسخ صحيح	وضعيت كليد
1	ج	عادي
2	د	عادي
3	د	عادي
4	ب	عادي
5	ج	عادي
6	ب	عادي
7	ب	عادي
8	الف	عادي
9	ب	عادي
10	ب	عادي
11	ج	عادي
12	د	عادي
13	ج	عادي
14	ب	عادي
15	د	عادي
16	ج	عادي
17	ب	عادي
18	الف	عادي
19	ب	عادي
20	ب	عادي
21	ج	عادي
22	د	عادي
23	د	عادي
24	ج	عادي
25	ج	عادي
26	ج	عادي
27	ج	عادي
28	د	عادي
29	الف	عادي
30	ب	عادي