



سری سوال : یک ۱

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

تعداد سوالات : تستی : ۳۰ تشریحی : ۰

عنوان درس : (متون زیست شناسی (علوم گیاهی

رشته تحصیلی / کد درس : زیست شناسی گرایش علوم گیاهی ۱۱۱۲۱۲۰

1- Look at the following definitions and choose the correct term given.

A plant in which its the entire life cycle is completed in a single growing season.

1. Perennials 2. Herbaceous 3. Biennial 4. Annual

2- The living material of the cell

1. Cell wall 2. Protoplasm 3. Organelle 4. DNA

3- A graph relating the degree of physiological response caused by different wavelengths of light

1. Absorption spectrum 2. Action spectrum
3. Linearly 4. Sigmoid

4- The common sunflower is a plant.

1. cultivated 2. woody 3. wild 4. tropical

5- Of flowers in which the ovary is within the receptacle and the other floral parts attached above it.

1. Epipetalous 2. Epigynous 3. Hypogynous 4. Perigynous

6- A group of fine hairs on a small dry fruit, which helps in dispersal by wind.

1. Peduncle 2. Style 3. Pappus 4. Ovary

7- A DNA molecule, capable of replication in a host organism, into which a gene is inserted to construct a recombinant DNA molecule.

1. Vector 2. Inplant 3. Explant 4. Protoplast

8- The introduction of any DNA molecules into any living cell.

1. Transformation 2. In vitro
3. Recombinant DNA 4. Cell culture

9- A group of vascular plants whose seeds are borne naked on a sporophyll and not in an ovary.

1. Gymnosperm 2. Algae 3. Angiosperms 4. Monera

10- The gradual development of organisms from simpler ancestral types over the course of geological time.

1. Growth 2. Revolution 3. Fossil 4. Evolution

11- All the population within a given habitat. Usually the populations are thought of as being interdependent.

1. Community 2. Family 3. Group 4. Tribe



سری سوال: یک ۱

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

تعداد سوالات: تستی: ۳۰ تشریحی: ۰

عنوان درس: (متون زیست شناسی) علوم گیاهی

رشته تحصیلی/کد درس: زیست شناسی گرایش علوم گیاهی ۱۱۲۱۲۰

12-The study of plants life in relation to environment.

1. Plant physiology 2. Plant systematic 3. Plant evolution 4. Plant ecology

13-Pertaining to soil conditions that influence plant growth.

1. Trophic 2. Clay loam 3. Ecosystem 4. Edaphic

14-The functional position of an organism in its ecosystem.

1. Role 2. Duty 3. Niche 4. Work

15-The last stages of a natural succession.

1. Climax community 2. Niche
3. Population 4. Kingdom

16-Choose the best choice which completes the following sentences.

The plant stem is marked the presence of nodes and internodes.

1. from 2. with 3. by 4. to

17-The shoot functions primarilysupport, conduction, and food manufacture.

1. in 2. as 3. into 4. for

18-There is a one type of gall ... the leaves of the willow.

1. to 2. on 3. near 4. at

19-The light reactions take place within the chloroplast, the chlorophyll is located.

1. where 2. which 3. whose 4. there

20-The dark reactions take place within the

1. cytoplasm 2. mitochondria 3. stroma 4. lysosome

21-Compositae have an involucrate head 1 to many flowers a common receptacle.

1. which, on 2. by, in 3. with, to 4. by, on

22-Synthetic seed be developed by entrapment of the somatic embryos in calcium alginate beads.

1. can 2. have to 3. has to 4. might

23-Lycopsids and sphenopsids vast forests, and ferns too, attained the stature of trees.

1. produced 2. is produced 3. are produced 4. produces



سری سوال : یک ۱

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

تعداد سوالات : تستی : ۳۰ تشریحی : ۰

عنوان درس : (متون زیست شناسی (علوم گیاهی

رشته تحصیلی / کد درس : زیست شناسی گرایش علوم گیاهی ۱۱۱۲۱۲۰

24- One of the long-range consequences of the Cenozoic revolution was a abundance of the woody seed plants.

1. increases 2. increased 3. decreases 4. decreased

25- Climatological measurements must be taken at a standard height ground in a climatic station.

1. at 2. over 3. on 4. above

26- The plant distributed the earth's surface are from variety types.

1. over 2. above 3. near 4. up

27- Which of the following factors are usually not limiting for land plants?

1. water supply 2. nutrients
3. minerals 4. atmospheric gases

28- Which word indicates the amount of free space in the soil?

1. slope 2. topsoil 3. humidity 4. porosity

29- Probably, the ancestors of land vascular plants were.....

1. Fucus 2. fungi 3. mosses 4. algae

30- In Rhynia were absent.

1. leaves 2. branches
3. rhizoids 4. terminal sporangia