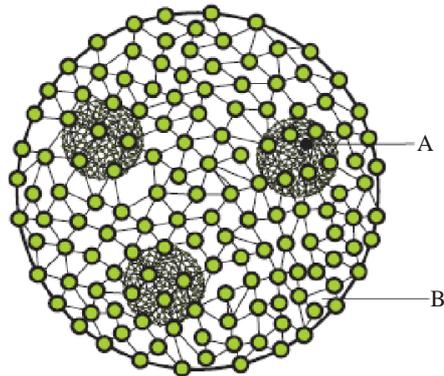


SECTION - A

Q.1 Identify A & B in given diagram .

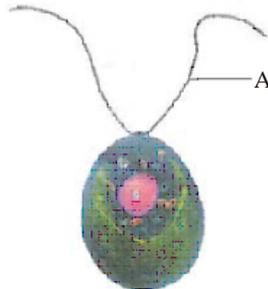


Answer :

A. _____

B. _____

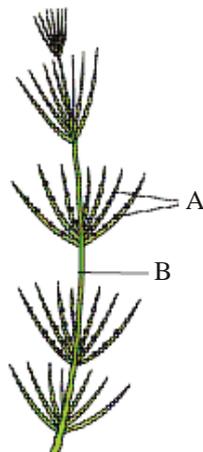
Q.2 (i) Identify the diagram. (ii) What is A in a diagram



Answer :

A. _____

Q.3 Identify A & B in given diagram.

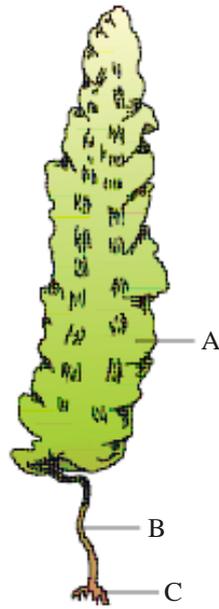


Answer :

A. _____

B. _____

Q.4 Identify A, B & C in given diagram.



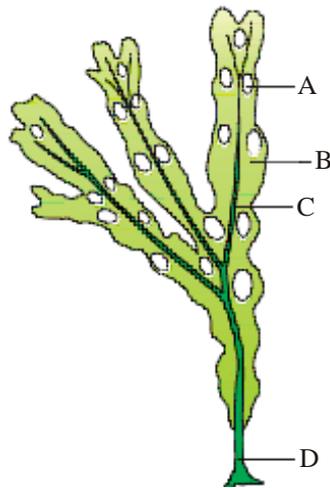
Answer :

A. _____

B. _____

C. _____

Q.5 Identify A to D in given diagram.



Answer :

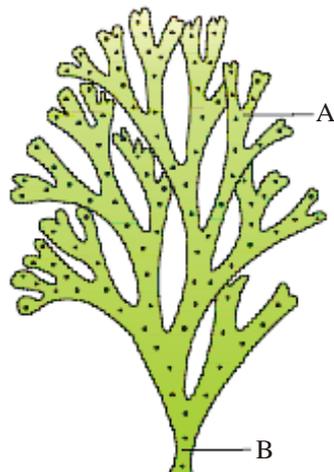
A. _____

B. _____

C. _____

D. _____

Q.6 Identify A & B in given diagram.



Answer :

A. _____

B. _____

SECTION - B

- Q.7 Such systems were _____; they separated the closely related species since they were based on a few characteristics.
- Q.8 _____ which is now easily carried out using computers is based on all observable characteristics.
- Q.9 Asexual reproduction is by the production of different types of spores, the most common being the _____.
- Q.10 Fusion of two gametes dissimilar in size, as in some species of *Chlamydomonas* is termed as _____.
- Q.11 The members of chlorophyceae are commonly called _____.
- Q.12 The members of phaeophyceae or _____ are found primarily in marine habitats.
- Q.13 The vegetative cells have a cellulosic wall usually covered on the outside by a gelatinous coating of _____.
- Q.14 Rhodophyta are commonly called _____ because of the predominance of the red pigment, r-phycoerythrin in their body.

SECTION - C

- Q.15 Algae are mostly -
(1) Aquatic (2) Terrestrial (3) Parasite (4) Lithophytes
- Q.16 Algae are -
(1) Chlorophyllous autotroph (2) Thylloid
(3) Both (4) Archegoniate
- Q.17 Select the correct options about algae -
(1) Some algae are associated with fungi (in lichen) and animals (on sloth bear)
(2) Great range in form and size
(3) Reproduce by vegetative, asexual and sexual method
(4) All
- Q.18 Asexual reproduction occurs by production of different types of spores in algae. The most common type of spore is -
(1) Aplanospore (2) Zoospore (3) Hyphospore (4) Chlamydo-spores
- Q.19 The flagellate/motile spore is called -
(1) Aplanospore (2) Zoospore (3) Hyphosphore (4) Chlamydo-spore
- Q.20 In algae we met -
(1) Isogamy (2) Anisogamy (3) Oogamy (4) All
- Q.21 *Chlamydomonas* shows -
(1) Isogamy (2) Anisogamy (3) Both (4) Akinetes formation
- Q.22 Oogamy is seen in -
(1) Volvox (2) Fucus (3) Both (4) Spirogyra
- Q.23 Flagellate isogametes as well as flagellate anisogametes are produced by -
(1) Spirogyra (2) Fucus (3) Angiosperms (4) *Chlamydomonas*
- Q.24 **Column I** **Column II**
(A) Ulothrix I. Unicellular
(B) Spirogyra II. Filamentous
(C) *Chlamydomonas* III. Colonial form
(D) Volvox IV. Kelps
(E) Some giant marine forms

Which combination is correct?

(1) A-II, B-II, C-I, D-III, E-IV

(2) A-I, B-II, C-III, D-IV, E-IV

(3) A-I, B-I, C-II, D-III, E-IV

(4) A-IV, B-IV, C-III, D-II, E-I

Q.25 In oogamy -

(1) Male gamete and female gamete are flagellate

(2) Male gamete and female gamete are non-flagellate

(3) Male gamete is small, motile and produced in large number but female gamete is single passive or static and produced singly

(4) Male gamete is non-motile and female gamete is motile

Q.26 **Column I**

Column II

(1) Agar

I. Gelidium, Gracilaria

(2) Algin

II. Brown algae

(3) Carrageen

III. Red algae

(4) Chlorella & Spirulina

IV. Single cell protein, used food supplements by space travellers

Choose the correct combination -

(1) A-I, B-II, C-III, D-IV

(2) A-IV, B-III, C-II, D-I

(3) A-II, B-I, C-III, D-IV

(4) A-III, B-II, C-I, D-IV

Q.27 At least a half of the total CO₂ fixation on earth is carried out through photosynthesis by -

(1) Angiosperms

(2) Lycopods

(3) Algae

(4) bryophytes

Q.28 In aquatic ecosystems which one(s) is of paramount importance as primary producer in food chain?

(1) Algae

(2) Angiosperms

(3) Pistia

(4) Gelidium

Q.29 Choose the correct statement-

(1) Many species of Porphyra, Laminaria and Sargassum are among 70 species of marine algae used as food

(2) Agar is used to grow microbes and in preparations of ice-creams and jellies.

(3) Algae are useful to man in a variety of ways

(4) All

Q.30 The members of class chlorophyceae are commonly called-

(1) Red Algae

(2) Blue green algae

(3) Green Algae

(4) Brown algae