

Assignment Biology

DATE: _____

Question no: 1

- 1) ● (B) (C) (D)
- 2) (A) (B) (C) ●
- 3) (A) (B) (C) ●
- 4) (A) (B) ● (D)
- 5) (A) (B) ● (D)

Question no: 2

(i)

Amphibians:

The water is absorbed by the general ~~surf~~ surface area of the plant. So that Barophyte called amphibians because they cannot live away from water.

- They need water for reproduction.

(ii)

Alternation of Generations

Significance:

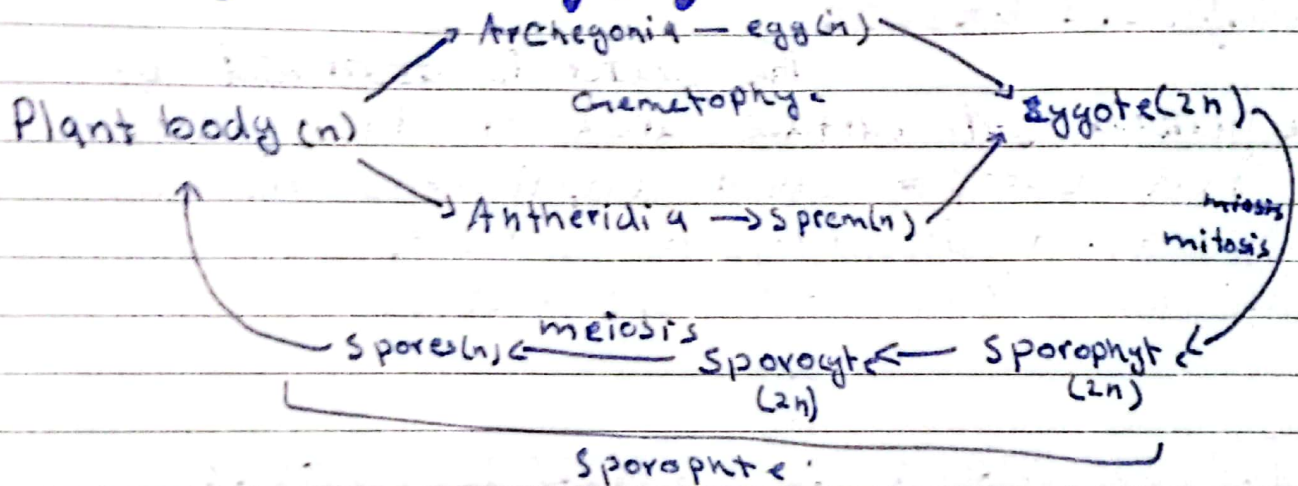
- Oospore (zygote) develop after generation Fertilization has a new genetic make up as compared to the parents.
- Better genetic variations are passed to sporophyte generation which on maturity once again produces further genetic combinations by producing spores.
- Genetic variability passes out generations after generations.

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(iii)
Sphenopsida is known as arthropytes

Because the whole plant body is composed of large number of joints. Main stem is not smooth, it has large number of ridges and furrows. So Sphenopsida is known as arthropytes.

(iv)
Life cycle of bryophytes



(v)
Horn worts:

The horn worts are advanced than other bryophytes ^{due to} by some reasons.

1) Eneospory: Spores produced with is sporophyte

2) Persistent Embryo:

Embryo remain attached to the parents gametophyte.

3) Photosynthesis: They produce their food by photosynthesis.