

DPP

DAILY PRACTICE PROBLEMS

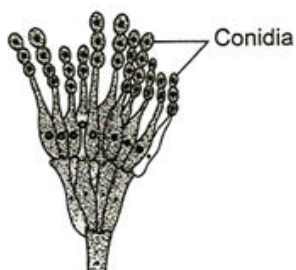
Class : XIIth
Date :

Solutions

Subject : BIOLOGY
DPP No. : 4

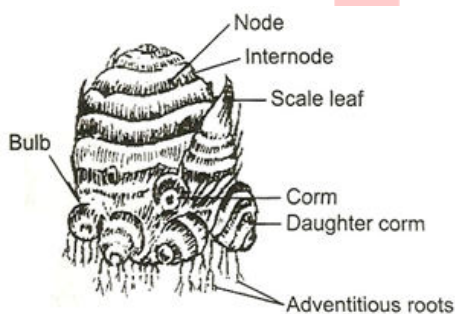
Topic :- Reproduction in Organisms

- 1 (a)
Conidia are non-motile gametes found singly or in chain on the parent body, e.g., *Penicillium*



Conidia formation in *Penicillium*

- 2 (b)
Corms are the unbranched rounded underground stems. They buds for daughter plants. Axillary buds occur at places. Their base contains a number of adventitious roots



Corms in *Colocasia*

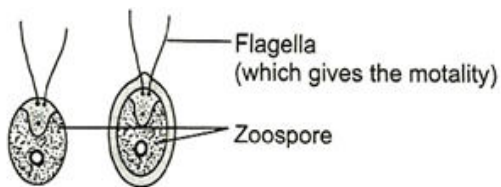
- 4 (c)
Female gametes are called ovum in case of higher organism. The term egg is also used. Interchangeably Archegonia also used for female gametes containing organs but in case of lower organism, i.e., Bryophytes and pteridophytes
- 14 (a)
Reproduction is one of the fundamental processes in which individual produces a young one

15 **(c)**
 Water hyacinth consumes oxygen from water and decreases its O₂ content.
 'Terror of Bengal' is the aquatic plant (water hyacinth) introduced in Bengal for its beautiful leaves and flower. But it grows very fast and consumes O₂ from water.
 Due to which lot of fish died. That's why it was called Terror of Bengal

17 **(d)**
 A-indicate female cockroach because leaf like structure of ovary is distinguished character of female cockroach. B-plant body is thalloid and sexes are separate indicates *Marchantia*
 C-Male and female gametes on same plant so monoecious or bisexual flower

18 **(c)**
 Gamete mother cells are called gamete producing cells. In these the meiotic cell division takes place. Hence, they are also called meiocytes

20 **(a)**
 Zoospore zoo-motile, *spore* – miniature gamete. Generally, male gametes are motile. They are commonly found in the fungi and animal kingdom Sessile spore are generally female gametes. Here, one must understand that zoospores are not differentiated to male and female



ANSWER-KEY										
Q.	1	2	3	4	5	6	7	8	9	10
A.	A	B	B	C	D	D	D	C	B	A
Q.	11	12	13	14	15	16	17	18	19	20
A.	D	A	C	A	C	C	D	C	A	A