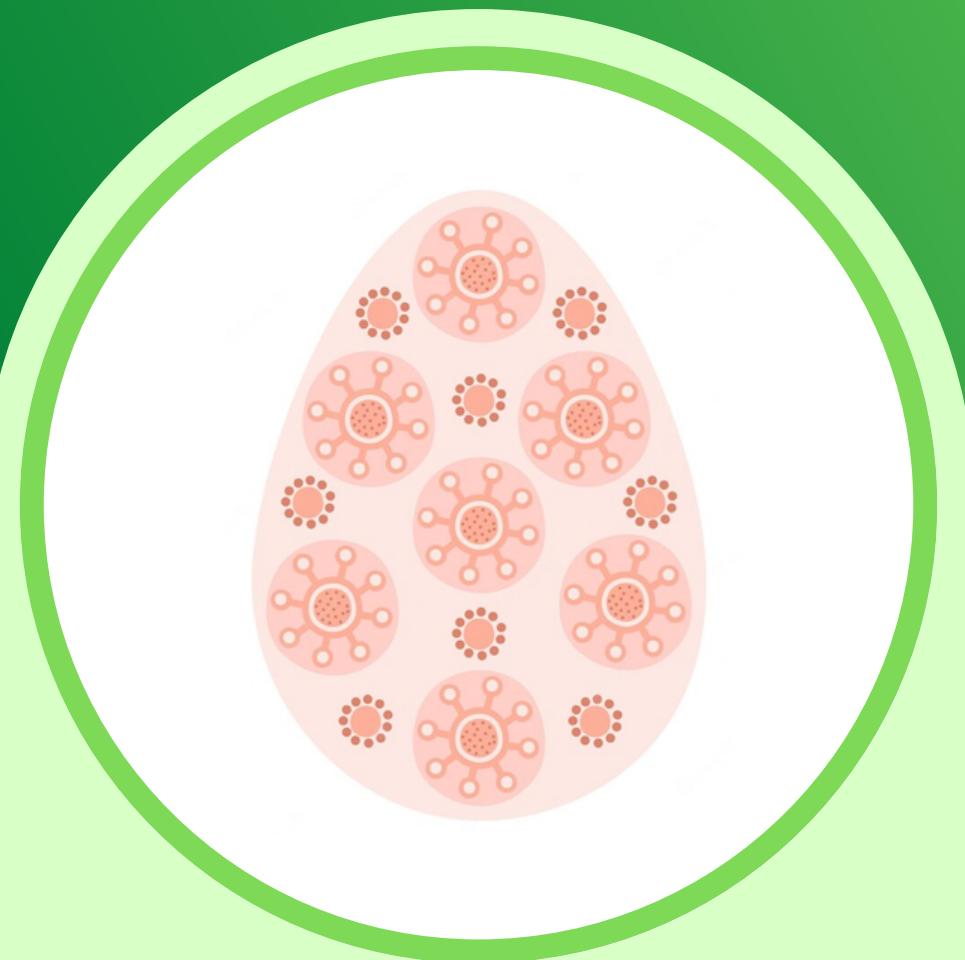


# BIOLOGY

ENTHUSIAST | LEADER | ACHIEVER



## EXERCISE

Reproduction in organisms

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ENGLISH MEDIUM

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**EXERCISE-I (Conceptual Questions)**

**Build Up Your Understanding**

1. Cell division is itself a mode of reproduction in :-  
 (1) Protists & all fungi  
 (2) Protists only  
 (3) Fungi & higher plants  
 (4) Protists & Monerans

**RO0001**

2. Most common special asexual reproductive structure seen in algae is :-  
 (1) Zoospore (2) Conidium  
 (3) Bud (4) Gemmule

**RO0002**

3. Find out the incorrect statement :-  
 (1) Period from birth to natural death is called life span  
 (2) Life span of an organism are necessarily correlated with their size  
 (3) Except single celled organism all other are mortal  
 (4) Reproduction enables the continuity of the species generation after generation

**RO0004**

4. Regarding the reproduction which of the following statement is correct :-  
 (1) Asexual reproduction is common among multicellular plants & animals  
 (2) In monerans cell division itself a mode of reproduction  
 (3) Yeast undergo equal type cell division to produce bud  
 (4) In fungi, fission is most common method of asexual reproduction

**RO0005**

5. Water hyacinth or Eichhornia is one of the problematic weed of static water in India. Which of the following statement is incorrect about it :-  
 (1) It also known as 'Terror of Bengal'  
 (2) It is native plant of India  
 (3) It increases biological oxygen demand of water body  
 (4) It spread rapidly through vegetative reproduction.

**RO0006**

6. Select the odd one out with respect to life span  
 (1) Life span of organism are not correlated with their size  
 (2) Crows and parrots show wide difference in their life span  
 (3) Life span of rice is 3-4 weeks  
 (4) Life span is the period from birth to natural death of an organism.

**RO0007**

7. Name of fleshy bud that produces new plant in *Agave*  
 (1) Bulbil (2) Bulb  
 (3) Rhizome (4) Offset

**RO0008**

8. The continuity of species is maintained by the process of  
 (1) Respiration  
 (2) Reproduction  
 (3) Photosynthesis  
 (4) Adaptation

**RO0012**

9. Meiocytes are  
 (1) Spermatids  
 (2) Gamete mother cells  
 (3) Bone marrow cells  
 (4) Oocytes  
**RO0016**
10. Which of the following is bisexual animal ?  
 (1) Cockroach (2) Leech  
 (3) Monkey (4) Honey bee  
**RO0017**
11. External fertilisation occurs in  
 (1) Mammals (2) Birds  
 (3) Reptiles (4) Bony fishes  
**RO0018**
12. The process refers to development of embryo is known as  
 (1) Gametogenesis (2) Embryogenesis  
 (3) Parthenogenesis (4) Oogenesis  
**RO0021**
13. Which one has the more chromosome number in meiocyte as compared to others?  
 (1) Cat (2) Dog  
 (3) Rat (4) Fruitfly  
**RO0022**
14. Which of the following is post fertilisation event?  
 (1) Gametogenesis (2) Gamete transfer  
 (3) Fusion of gametes (4) Embryogenesis  
**RO0023**
15. Which of the following statement incorrect?  
 (1) Asexual reproduction is a rapid mode of reproduction.  
 (2) During embryogenesis zygote undergoes cell division and cell differentiation.  
 (3) The life spans of organisms correlated with their sizes.  
 (4) Animals are either unisexual or bisexual.  
**RO0025**
16. Read the following four statements (A-D) :  
 (A) In asexual reproduction, offspring are produced with or without involvement of gamete formation.  
 (B) In *Cladophora*, isogametes are biflagellated.  
 (C) In *Penicillium*, conidia are uninucleated.  
 (D) Budding in Hydra is a mode of sexual reproduction  
 How many of the above statement/s is/are correct  
 (1) Four (2) Three  
 (3) Two (4) One  
**RO0027**

## EXERCISE-I (Conceptual Questions)

## ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	4	1	2	2	2	3	1	2	2	2	4	2	2	4	3
Que.	16														
Ans.	2														

EXERCISE-II (Previous Year Questions)

AIPMT/NEET

NEET(UG) 2022

1. Identify the asexual reproductive structure associated with *Penicillium*:

- (1) Conidia (2) Gemmules  
(3) Buds (4) Zoospores

RO0028

NEET(UG) 2022 (OVERSEAS)

2. Which of the following is/are vegetative propagule(s)?

- (a) Eyes of Potato  
(b) Zoospore of *Chlamydomonas*  
(c) Rhizome of Ginger  
(d) buds in *Hydra*  
(e) Bulbil of *Agave*

Choose the **most appropriate** answer from the options given below :

- (1) (a), (c), (e) only  
(2) (a), (b), (c), (d) only  
(3) (b), (d) only  
(4) (e) only

RO0029

RE-NEET(UG) 2022

3. Match List-I with List-II :

List-I

List-II

- (a) *Chlamydomonas* (i) Conidia  
(b) *Penicillium* (ii) Zoospores  
(c) *Hydra* (iii) Gemmules  
(d) *Sponge* (iv) Buds

Choose the **correct answer** from the options given below:

- (1) (a) – (i), (b) – (iv), (c) – (iii), (d) – (ii)  
(2) (a) – (ii), (b) – (i), (c) – (iv), (d) – (iii)  
(3) (a) – (iii), (b) – (ii), (c) – (i), (d) – (iv)  
(4) (a) – (iv), (b) – (iii), (c) – (ii), (d) – (i)

RO0030

EXERCISE-II (Previous Year Questions)

ANSWER KEY

Que.	1	2	3
Ans.	1	1	2