



# BIOLOGY

## BOOKS - SUPER COMPANION 5 IN 1

### REPRODUCTION

#### One Mark Questions And Answers

1. Define the term reproduction.



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2. What is binary fission?



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3. Name the type of reproduction structure that occurs in yeast.



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4. Name the type of reproduction structures produced by fungi.



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**5. Which are the 2 main pre-fertilizers events?**



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**6. What are hermaphrodites?**



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**7. Define syngamy?**



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**8. Define vegetative propagation.**



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**9. What are gemmules?**



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**10. Define parthenogenesis?**



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**11.** Why is reproduction essential for organisms?



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**12.** What is senescent phase?



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**13.** The offspring of oviparous animals are at a greater risk?



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**14.** Why are the offspring formed by asexual reproduction referred to as clones?



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**15.** What is a clone?



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**16.** What are vegetative propaules?



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**17.** Name the phase all organisms have to pass through before they can reproduce sexually.



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**18.** Name a unicellular fungi which reproduces asexually by budding?



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**19.** Name a multicellular invertebrate which reproduces asexually by budding?



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**20.** Name the artificial means of vegetative reproduction.



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**21.** Name the asexual reproductive structures of Hydra and Pencillium.



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**Two Mark Questions And Answers**

1. Diagrammatically represent the asexual reproduction in Amoeba.



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2. Which is a better mode of reproduction:- sexual or asexual? Why?



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3. Offsprings formed due to sexual reproduction have better chances of survival, why? Is this statement always true?



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4. How does the progeny formed from asexual reproduction differ from those formed by sexual reproduction?



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5. Distinguish between asexual and sexual reproduction. Why is vegetative reproduction also considered as a type of asexual reproduction?



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6. What is vegetative propagation? Give two suitable examples.



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7. Higher organisms have resorted to sexual reproduction inspite of its complexity, why?



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8. Explain why meiosis and gametogenesis are always interlinked?



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9. Define external fertilization. Mention its disadvantages.



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**10.** Differentiate between gametogenesis from embryogenesis.



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**11.** Briefly describe the post fertilization changes in a flower.



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**12.** Different between a stamina and a pistillate flower, Give the term for this condition of flower.



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**13.** Explain parthenogenesis with examples.



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**14.** What is fission? Name the types of fission.





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**15.** Differentiate between the following:



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**16.** Differentiate between a zoospore and zygote.



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**17.** Define 'oestrus' and 'menstrual cycles'.



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**18.** Mention the different stages of sexual reproduction.



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**19.** Differentiate between oviparous and viviparous animals with a suitable example for

each.



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**20.** What is asexual reproduction? Mention the type of asexual reproduction in amoeba and in sponge.



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**21.** Differentiate between seasonal breeders and continuous breeders.



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## Three Marks Questions And Answers

1. Differentiate between binary and multiple fission.



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2. Differentiate between a zoospore and a zygote.



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3. Define : (i) Juvenile phase, (ii) Reproductive phase, (iii) Senescent phase.



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4. List the differences between external fertilisation and internal fertilisation?



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5. Name the following:

(i) Asexual reproductive structures of Hydra.

(ii) Vegetative propagules of Agave.

(iii) The plant that flowers once in twelve years.



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6. What kind of reproduction is seen in following organisms? Penicillium, chlamydomonas and sponges.



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## Five Mark Questions And Answers

1. Describe the post-fertilisation changes in a flower.



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2. Give an account of pre-fertilisation events?



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**3.** Distinguish between asexual and sexual reproduction. Why is vegetative reproduction also considered as asexual.



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