



# BIOLOGY

## BOOKS - CBSE COMPLEMENTARY MATERIAL BIOLOGY (HINGLISH)

### REPRODUCTION IN ORGANISMS

#### Question Vsa

1. There are 380 chromosomes in meiocytes of a butterfly. How many chromosomes does male

gemete of butterly have?



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2. Which characteristic property of Bryophyllum is exploited by gardeners ?



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3. Mention the unique flowering phenomenon exhibited by *Strobilanthus kunthiana* (neel kuranajt).



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4. Mention the unique feature with respect to flowering and fruiting in bamboo species.



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## Question Sa I

1. Higher organisms have resorted to sexual reproduction in spite of its complexity. Why?



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2. Bryophytes and Pteridophytes produce a large number of male gametes but relatively vary few female gametes. Why ?



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**Question Sa li**

1. Distinguish between gametogenesis and embryogenesis.



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2. Fill the blank spaces a, b, c, and d given in the following table.

S. No.	Organism	Organ	Gamete
(i)	a	Testes	Spermatozoa
(ii)	Human female	b	Ovum
(iii)	Plant (Angiosperm)	c	Pollen grains
(iv)	Plant (Pteridophytes)	antheridium	d



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3. Why is vegetative propagation also considered as a type of asexual reproduction ?



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



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