



BIOLOGY

BOOKS - BAL BHARTI

LIFE PROCESSES IN LIVING

ORGANISMS PART - 2

Use Your Brain Power

1. Use your brain power.

Does the parent cell exist after asexual

reproduction-fission ?



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Lets Think

1. Lets think.

What would have happened if the male and female gametes had been diploid ?



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2. What would have happened if any of the cells in nature had not been divided by meiosis ?



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Exercise

Under the effect of _____ fully grown up follicle bursts, ovulation occurs and _____ is formed from remaining part of follicle . It secretes _____ and _____. Under the effect of these hormones, glands of _____ are activated and it becomes ready for implantation.



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3. Explain with example types of asexual reproduction in unicellular organism.



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4. Explain the concept of IVF.



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5. Which precaution will you follow to maintain the reproductive health ?



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6. What is menstrual cycle ? Describe it in brief.



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7. In case of sexual reproduction, newborn shows similarities about characters. Explain this statement with suitable examples.



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8. Sketch and label diagrams.

i. Human male reproductive system ii. Human

female reproductive system

iii. Flower with its sexual reproductive system

iv. Menstrual cycle



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9. Sketch and label diagrams.

i. Human male reproductive system ii. Human

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10. Sketch and label diagrams.

i. Human male reproductive system ii. Human female reproductive system

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11. Hormones related with male reproductive system.



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12. Hormones secreted by ovary of female reproductive system.



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13. Types of twins.





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14. Name the following/Given the names:

Any two sexual diseases.



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15. Methods of family planning.



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16. Gender of child is determined by the male partner of couple. Explain with reasons whether this statement is true or false.



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17. Explain asexual reproduction in plants ?



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18. Modern techniques like surrogacy (surrogate mother), sperm bank and IVF technique will help the human beings. Justify this statement.



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19. Explain sexual reproduction in plants.



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1. In humans, sperm production occurs in the _____.



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2. In humans, Y chromosome is responsible for maleness.



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3. Choose the correct alternative and write that alphabet against the sub-question number:

In male and female reproductive system of human.....gland is same.



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4. Implantation of embryo occurs in _____.



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5. Asexual type of reproduction occurs without fusion of gametes.



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6. Body breaks up into several fragments and each fragment starts to live as a new individual. This is asexual (fragmentation) type of reproduction.



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7. Pollen grains are formed by meiotic division in locules of anthers.



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