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## CBSE 10th How Do Organisms Reproduce Unsolved Paper

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# CBSE 10<sup>th</sup> How Do Organisms Reproduce Unsolved Paper

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## SECTION - A

**Q.1. In vegetative reproduction, the new individuals are genetically-**

- (a) Similar
- (b) Dissimilar
- (c) Abnormal
- (d) None of these

**Q.2. What is the effect of DNA copying which is not perfectly accurate on the reproduction process?**

**Q.3. Which part of the flower forms the fruit?**

- (a) Whole flower
- (b) Only stamens and carpel
- (c) Only ovary
- (d) Only ovary

**Q.4. Define parthenogenesis.**

**Q.5. Anemophily is the pollination by –**

- (a) Birds
- (b) Rain
- (c) insects
- (d) Wind

**Q.6. Fertilization in plants occurs in the.**

- (a) Embryo
- (b) Style
- (c) Pollen tube
- (d) Stigma

**Q.7. What is tubectomy?**

**Q.8. Which among the following diseases is not sexually transmitted?**

- (a) Syphilis
- (b) Gonorrhoea
- (c) HIV – AIDS
- (d) Hepatitis

**Q.9 Which of the following is an IUCD?**

- (a) Copper - T
- (b) Diaphragm
- (c) oral pills
- (d) tubectomy

**Q.10. Asexual reproduction takes place through budding in..**

- (a) Amoeba
- (b) Yeast
- (c) Plasmodium
- (d) Leishmania

#### SECTION – B

**Q.11. What is ‘reproduction’? Mention the importance of DNA copying in reproduction.**

**Q.12. Name one sexually transmitted disease each caused due to bacterial infection and viral infection. How can these be prevented?**

**Q.13. What is callus?**

**Q.14. Give two examples each of IUCD and STD.**

**Q.15. What is the difference between binary fission and multiple fission?**

**Q.16. What are the basic features of asexual reproduction?**



**Q.17. What is a clone? Why do offspring's formed by asexual reproduction exhibit remarkable similarity?**

**SECTION – C**

**Q.18. Name the surgical methods of birth control in human males and females respectively.**

**Q.19. "Variations that confer an advantage to an individual organism only will survive in a population." Justify.**

**Q.20. Mention the events taking place when the ovum is fertilized in fallopian tube till it is implanted in the uterus of human female.**

**Q.21. What are the advantages of vegetative propagation?**

**Q.22. How are spores produced in sporangium of Rhizopus?**

**Q.23. What is grafting? Why is it used in horticulture practices?**

**Q.24. Why does menstruation occurs.**

**SECTION – D**

**Q.25. Describe triples fusion in plants? Where does it occur? Draw a neat and clean well labeled diagram to support your answer.**

**Q.26. Differentiate between asexual and sexual reproduction.**

**Q.27. Draw a longitudinal section of a flower and label the following parts:**

- (i) Part that produces pollen grain.**
- (ii) Part that transfers male gametes to the female gametes.**
- (iii) Part that is sticky to trap the pollen grain.**
- (iv) Part that develops into a fruit**

**Q.28. Explain vegetative propagation with the help of two examples. List two advantages of vegetative propagation.**

**Q.29. Explain the following methods of contraception giving one example of each:**

- (i) Barrier method**
- (ii) Hormonal imbalance method**
- (iii) Surgical method.**

**Q.30. (a) What is fragmentation in organism?**

**Name a multicell-ular organism which reproduces by this method.**

**(b) What is regeneration in organism? Describe regeneration in Planaria with the help of a suitable diagram.**



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