

Q. 5. Distinguish between human sperm and ovum.

Q. 6. Enlist the uses of gene therapy.

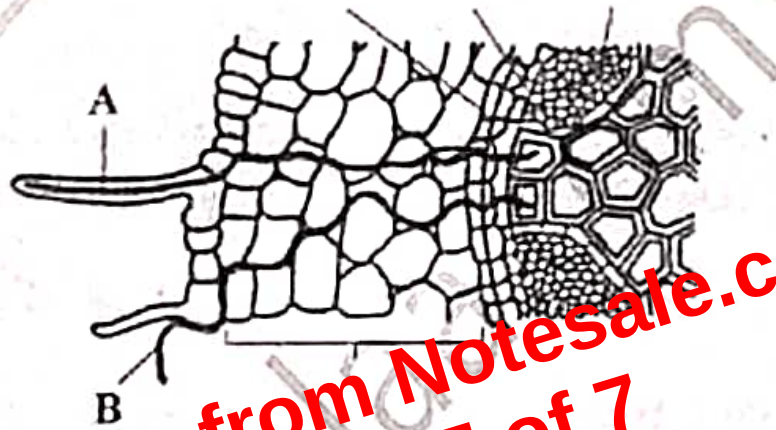
Q. 7. Define the following terms :

(a) Gene flow

(b) Chromosomal aberrations

Q. 8. What are the significances of double fertilization?

Q. 9. Identify and define 'A' and 'B' in relation to uptake of water by the root :



Q. 10. Describe mutualism.

Q. 11. Explain factors affecting water absorption.

Q. 12. What is differentiation and redifferentiation?

Q. 13. Select and rewrite appropriate disorder of respiratory system with the given symptoms :

[sinusitis, emphysema, silicosis and asbestosis, laryngitis]

(a) Breakdown of alveoli, shortness of breath.

(b) Inflammation of the sinuses, mucous discharge.