



# BIOLOGY

## BOOKS - VGS PUBLICATION-BRILLIANT

### MODEL PAPER 5

#### Section A

1. What is meant by tautonymy ? Give two examples.



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2. What is Cephalization? How is it useful to its possessors ?



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3. Distinguish between a tendon and a ligament.



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4. What is the haematocrit value ?



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5. What is Aristotle's Lantern ? Give one example of an animal possessing it.



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6. What are pneumatic bones ? How do they help birds ?



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7. Distinguish between lobopodium and filopodium. Give an example to each of them.



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8. What are dynein arms ? What is their significance ?



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9. In which way does tobacco affect the respiration ? Name the alkaloid found in tobacco.



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10. Define commensalism. Give one example.



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**Section B**

1. Explain "Rivet popper" hypothesis.



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2. Explain Haversian system.



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3. What are the chief characters of the crustaceans ?



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4. Compare and contrast cartilaginous and bony fishes.



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5. What is the need for parasites to develop special adaptations developed by the parasites ?



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**6. Describe 'Green house Effect'.**



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