



# BIOLOGY

## BOOKS - JBD PUBLICATION

### Model test Paper 2

#### Exercise

1. Define systematics.



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2. What are actinomorphic flower?



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3. Why are ribosomes called RNP particles?



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4. Define deglutination.



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5. Fill in the blank.

.....operates on the principle of  
haemodialysis



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6. True or False

Tertiary roots are plageotropic



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7. A piece of wood having no vessels must belong to :

A. teak

B. mongo

C. pine

D. palm

**Answer:**



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## 8. State Yes or No

Ability of a somatic cell to produce new plant is called Totipotency.



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## 9. What is locule of flower?



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10. What do you understand by Bracteate flower?



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11. What are difference between autophagy and autolysis?



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12. Define growth, differentiation, development, dedifferentiation, redifferentiation,



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**13.** List the functions of testosterone and estrogen.



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**14.** What is blood brain barrier?



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**15.** Differentiate between frog and toad.





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**16.** Define permeability. Give its types.



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**17.** What are antibiotics? Give four examples of bacteria producing antibiotics.



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**18.** What is meant by phyllotaxy? Name its types with examples.



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**19.** Write functions of cell wall.



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**20.** Differentiate between apoplast and symplast pathways of water movement. Which

of these would need active transport?



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21. Draw L.S. of tunicated bulb of onion.



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22. Which things helps birds to fly ?



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**23.** Classify glands on the basis of their mode of secretion.



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**24.** Differentiate between SA node and AV node.



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**25.** Bile juice contains no digestive enzymes, yet it is important for digestion. Why?



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**26.** Differentiate short day and long day plants.



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**27.** Explain the mass flow hypothesis of transport in phloem.



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**28.** What is plastic? What are its different types?



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**29.** Describe some specialization of cell membrane.



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**30.** Briefly describe digestion of carbohydrates, proteins and fats.



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**31.** Discuss Transport of Carbon dioxide.



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