



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

I PUC ANNUAL EXAMINATION-2017 (SOUTH)

Part A

1. What are parthenocarpic fruits ?



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2. Define Staminode.



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3. "Earthworms are called friends of farmers".

Justify the statement.



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4. Name the power house of the cell.



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5. Define osmosis.



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6. What is Leg-haemoglobin?



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7. Name the gaseous plant growth regulator.



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8. What is the meat by plasticity?



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9. Expand ECG



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10. Name the region of the vertebrate eye where the optic nerve passes out of the retina.



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Part B

1. Name the algal and fungal component of Lichens.



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2. Mention four major groups of protozoans



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3. Write any two general characters of phylum ctenophora



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4. What are Mendelian disorders?Mention any two of them.





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5. What is Ammonification ?



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6. Define hydroponics.



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7. List the physiological effects of Auxins on plants.



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8. Write the difference between

c. Systole, and Diastole



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1. List and explain any two taxonomical aids.



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2. Explain three types of Phyllotaxy.



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3. Classify the chromosomes based on the position of centromere.



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4. Classify the plastids based on the type of pigments.



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5. Name any three significances of Mitosis



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6. What are the main processes of urine formation ?



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7. Write a note on Actin.



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8. Name three types of joints.?



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9. List the General characters of Gymnosperms.



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10. List any two differences between spring wood and autumn wood.



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11. Differentiate Heartwood from sapwood



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12. Draw neat labeled diagram of a Animal cell.



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13. List the hormones secreted by the following :

Thyroid



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14. List the hormones secreted by the following :

Adrenal



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15. List the hormones secreted by the following :

Ovary



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16. List the hormones secreted by the following :

Testis



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17. List the hormones secreted by the following :

Pancreas



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18. Name three of cell junction.



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19. Mention any two specialised connective tissues.



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20. Classify the enzymes based on the type of reaction they catalyse.



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21. Explain z-scheme of light reaction.



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