



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MODEL PAPER 6



1. Which one is not an example of aquatic mammal?

A. Dophins

B. Tortoises

C. Tachyglossus

D. Whales

Answer:

Watch Video Solution

2. Sound producing organ of peacock is called

A. Vocal cords

B. Syrinx

C. Pharynx

D. Larynx.

Answer:

Watch Video Solution

3. Which of the following has succulent root?

A. Opuntia

B. Agave

C. Aloe

D. Asparagus

Answer:



4. Pneumatophores are found

A. In deserts

B. Near river mouths

C. On mountains

D. In grass lands

Answer:

Watch Video Solution

5. Which of the following is an examle of embryonic connective tissue?

A. wright's jelly

B. Wartson's jelly

C. Woman's jelly

D. None of these

Answer:

Watch Video Solution

6. Source of turgor in plant cell is

A. Air

B. Water

C. Hormone

D. All of these.

Answer:



7. If there is not net movement of water into a cell from outside medium, the medium is known as

- A. Hypertonic
- B. Hypotonic
- C. Isotonic
- D. Non-ionic.

Answer:



8. In C_4 plants initial CO_2 fixation takes place in the chloroplast of

A. guard cells

- B. spongy mesophyll
- C. palisade tissue
- D. Bundle sheath

Answer: bundle sheath.



9. Which one of the following is a growth regulator produced by plants?

A. Naphthalene acetic acid

B. Zeatin

C. 2, 4-dichlorophenoxy acetic acid

D. Benzyl aminopurine.

Answer:



10. Describe pachytene subphase with diagram.

A. Mitosis

B. Meiosis

C. Growth of cell

D. Development of endosperm.

Answer:



11. Plant cell lack

A. Centriole

B. Asters

C. Spindle fibres

D. Both 'a' and 'b'

Answer:



12. Organic nutrients that regulateBIOsiological process by serving as coenzymesare called

A. minerals

B. vitamin

C. amino acids

D. trace elements.

Answer:



13. The first few centimeters of the duodenum are protected by a thick secretion of mucus fromt the

- A. Pancreatic duct
- B. intestinal gland (Cryupts of Lieberkuhb)
- C. microvilli
- D. goblet cells of duodenal (Brunner's) glands.

Answer:



14. Select the option which correctly identifies them and gives their characteistics and/or functions.

A. 1-adrenal gland - located at the anterior

part of kidney. Secrete catecholamines

which stimulate glycogen breakdown

B. 2-medulla-inner zone of kidney and

contain complete nehprons

C. 3-cortex-outer part of kindey and don ot

contain any part of nephrons

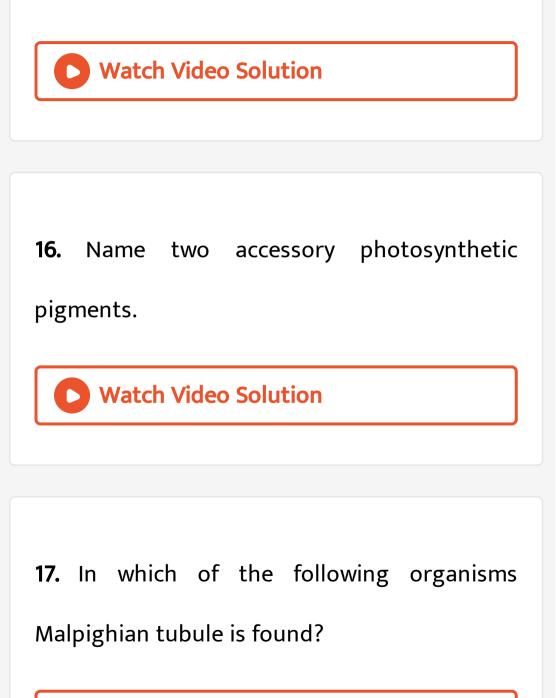
D. 4-pelvis-broad funnel shaped space inner

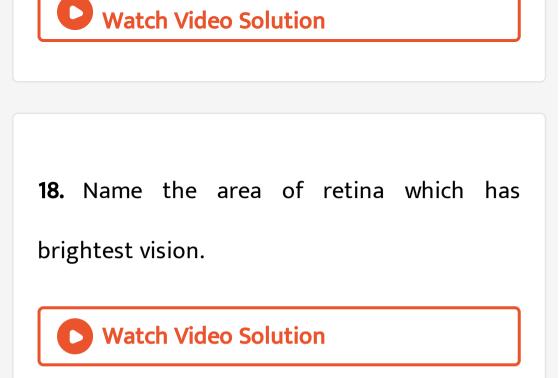
to hilum. Directly connected to loops of

Henle.

Answer:

15. Give one function of Rhizobium





19. Fill in the blanks:-

HCL is produced in _____.

20. Name the artery which supplies blood to

the heart.

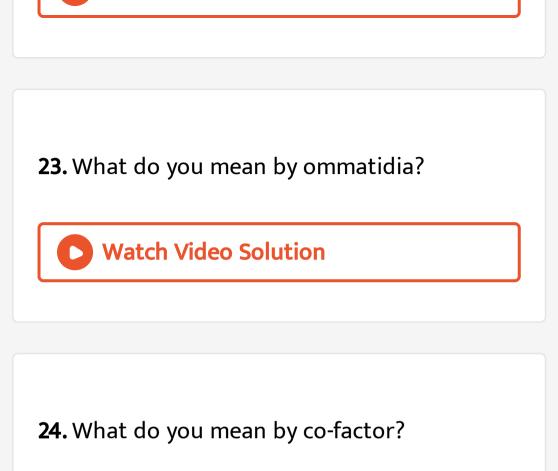


21. Mention differences between parasite and saprophyte.

Watch Video Solution

22. Write two viruses with both RNA and DNA.





Watch Video Solution

25. What do you mean by endomitosis?





26. Write two importances of respiration.

Watch Video Solution

27. What do you mean by active and passive smoking?

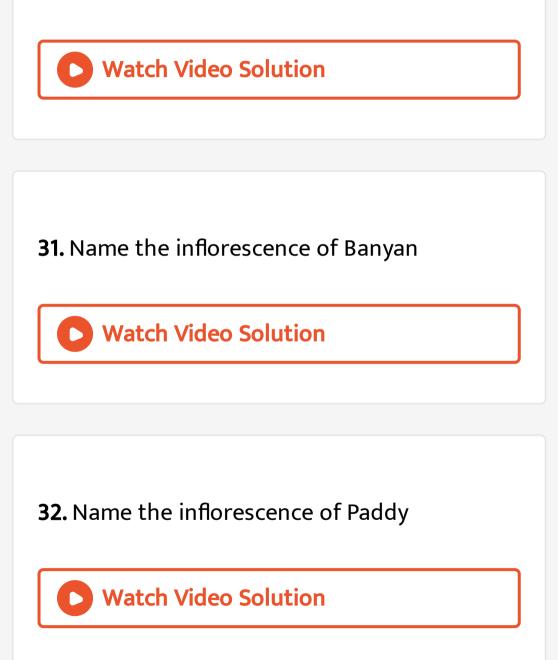
28. What do you mean by minute volume and

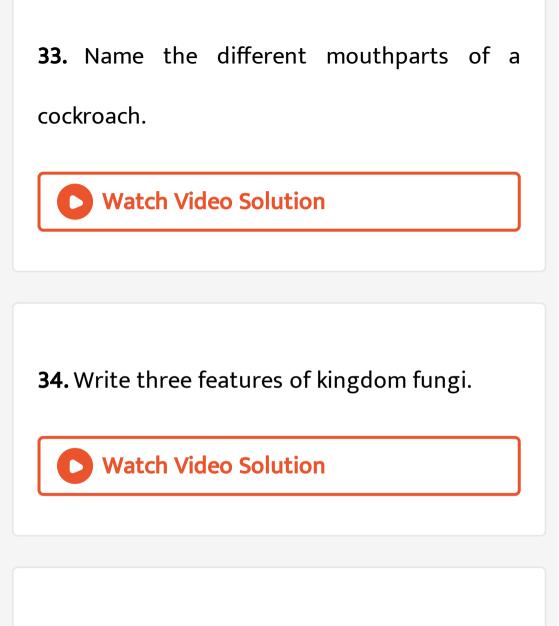
stroke volume?

Watch Video Solution

29. Name three basic tissue systems in flowering plants. Give the tissue names under each system.

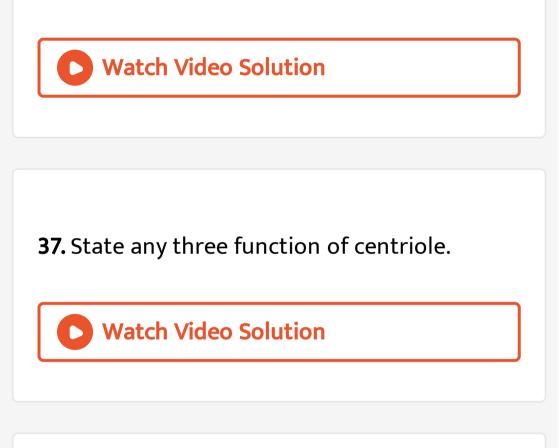
30. Name the inflorescence of Arum





35. Write about three types of lichen briefly.

36. Briefly describe nucleosome model.



38. What do you mean by polyribosome.

39. Write three differences between macro nutrient and micro nutrients.



40. Write about nitrogen fixation during nitrogen cycle.

41. Write three differences between aerobic

respiration and fermentation.



42. Describe the briefly the digestion in stomach of human.



43. Describe the cellular composition of wall of

stomach of human alimentary canal.



44. What do you mean by isotonic & isometic

muscle contraction.



45. What do you mean by rigor mortis?



46. Why parasympathetic nervous system is called cranio-sacral? State the function of parasympathetic nervous system?

Watch Video Solution

47. State the differences of sympathetic and

parasympthetic nervous system.

48. 2 difference between cell membrane and cell wall



49. Define imbibition State its significance.

 50. Mention five differences between

 prokaryotic & eukaryotic cells.

 Vatch Video Solution