

Cell Structure – Eukaryotic Cell Structure – Questions

Q1. What parts make up the nucleus?

Q2. Describe the structure of the nuclear envelope.

Q3. Describe the function of the nuclear envelope.

Q4. Describe the function of the nuclear pores.

Q5. Describe the structure of the nucleoplasm.

Q6. Describe the function of the nucleoplasm.

Q7. Describe the function of the nucleolus.

Q8. What are the three main functions of the nucleus?

Q9. What structures make up the mitochondria?

Q10. Describe the function of the double membrane of the mitochondria.

Q11. Describe the function of the cristae.

Q12. What does the matrix contain?

Q13. What do these enable the mitochondria to do?

Q14. What is the overall function of the mitochondria?

Q15. What is the overall function of the chloroplasts?

Q16. What are the main structures that make up the chloroplast?

Q17. What structure makes up the grana?

Q18. What is the function of the grana?

Q19. What is the function of the envelope?

Q20. What is the function of the stroma?

Q21. How is the chloroplast adapted for its function?

Q22. What are the two types of endoplasmic reticulum?

Q23. What is the function of the RER?

Q24. What is the function of the SER?

Q25. What are the functions of the golgi apparatus?

Q26. How are lysosomes formed?

Q27. What are the functions of lysosomes?

Q28. What are the two types of ribosomes?

Q29. Where are 80S found?

Q30. Where are 70S found?

Q31. What is the function of the ribosomes?

Q32. Describe the structure of the cell wall.

Q33. What are the functions of the cellulose cell wall?

Q34. Why is strength of the cell wall important?

Q35. What is the single membrane called that surrounds the vacuole?

Q36. What does the vacuole contain?

Q37. What are the functions of the vacuole?