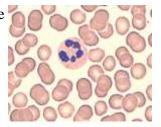
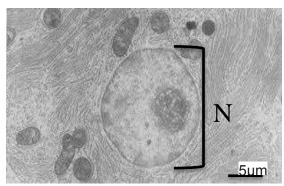
- 1. What are methods of cell counting?
- 2. _____ the thinnest solid rods class of the cytoskeletal fibers; they are active in muscle contraction.
- 3. Identify figure



- 4. A special slide use to count the number of cells such as white blood cells is called
- 5. Give example for the following cell shapes
- 6. Rod —
- 7. Columnar shaped cell
- 8. Star shape
- 9. Kidney Shaped
- 10. Identify figure



- 11. Draw and label cell membrane
- 12. Determine the real length of the nucleus of this electron micrograph, if you know that the length of nucleus on the graph is equal to 60 mm and length of bar is 10 mm? (marks)

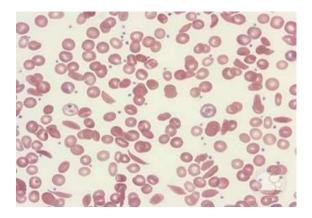


13. Define Tonoplast

- 14. Write about Cellular respiration
- 15. Defin Hyperplasia
- 16. What methods of cell counting have we done in our lab?
- 17. For each blood smear we need 2 slides, one to put a drop of blood on and the other to spread the blood that it called _____
- 18. Anaerobic respiration or fermentation is divided into _____ and
- 19. There are three cellular regions near the tip of an onion root _____
 - ,_____ and _____ .
- 20. Oval shape cell
- 21. Columnar shaped cell
- 23. Draw and label cell cycle
- 24. . Identify the figure



25. Identify the figure?



- 26. Mention the purpose of using Methyl alcohol in blood smear
- 27. using of Warm HCl used in squash and maceration thechnique

- 28. Aim of uses Ocular micrometer
- 29. Define Metaplasia
- 30. What are stages of Cellular respiration
- 31. What is Cytoskeleton
- 32. Determine the real length of the vacuole of this electron micrograph, if you know that the length of vacuole on graph is equal to 35 mm and magnification power is 3500X (2 marks)
- 33. Write the name of the expirement ?and explain the results?

