Cell: The Unit of Life

1. Which of the following is known as suicidal bag?
   A. Golgi body
   B. Lysosome
   C. Centrosome
   D. Endoplasmic reticulum

2. Lysosome is formed at which end of Golgi body?
   A. Cis face B. Trans face
   C. Convex face D. Forming face

3. Lysosomal enzymes work at
   A. Acidic pH
   B. Basic pH
   C. Both acidic and basic pH
   D. None

4. Find out the odd one with respect to lysosomal enzyme
   A. Lipase B. Protease
   C. Carbohydras D. RUBISCO

5. Acidic pH in lysosome is maintained by
   A. Pumping of protons from lysosome to cytosol
   B. Pumping of protons from cytosol to lysosome
   C. Facilitated diffusion of protons from cytosol to lysosome
   D. Facilitated diffusion of protons from lysosome to cytosol

6. The proton concentration inside lysosome is ..... as compared to cytosol
   A. Equal
   B. More
   C. Less
   D. Can be any of the above.

7. The newly formed lysosome is called
   A. Primary lysosome
   B. Secondary lysosome
   C. Autophagic lysosome
   D. All of the above

8. Which of the following organelle plays an important role in metamorphosis in frog?
   A. Endoplasmic reticulum
   B. Golgi complex
   C. Lysosome
   D. Ribosome

9. Which of the following is a polymorphic organelle?
   A. Lysosome
   B. Endoplasmic reticulum
   C. Ribosome
   D. Nucleus

10. The membrane of vacuole is called.....
   A. Tonoplast B. Amyloplast
   C. Bioplast D. Both B and C

11. Tonoplast is
   A. Permeable
   B. Semipermeable
   C. Selectively permeable
   D. Impermeable

12. Sap vacuole is absent in
   A. Plant cell
   B. Bacterial cell
   C. Blue green algal cells
   D. More than one

13. Which of the following is associated with stomatal movement
   A. Lysosome B. Endoplasmic reticulum
   C. Nucleus D. Vacuole

14. Anthocyanin is found in
   A. Lysosome B. Golgi body
   C. Vacuole D. Peroxisome

15. Which of the following is a water soluble pigment?
   A. Chlorophyll B. Xanthophyll
   C. Carotene D. Anthocyanin

ANSWERS KEY

1. (B)
2. (B)
3. (A)
4. (D)
5. (B)
6. (B)
7. (A)
8. (C)
9. (A)
10. (A)
11. (C)
12. (D)
13. (D)
14. (C)
15. (D)

Note - If you have any query/issue

Mail us at support@physicswallah.org