

ASSESSYOURSELF

Practice. Learn. Succeed

Sub : Science

Grade: 6th

Date:

Name:

ID No.....

Time allowed: 1 hour

Maximum marks: 25

1. Name any two unicellular organisms. 1
2. Give two similarities between mitochondria and plastids. 1
3. Who discovered the first living cell? 1
4. Give an example, each of a variable-shaped cell and fixed- shaped cell. 1
5. What is a gene? 1
6. Bacteria represent which type of cell? 1
7. What are chromosomes? What are chromosomes composed of? 2
8. Identify the prokaryotes and eukaryotes from the following: 2

Amoeba; Anabaena; Mycobacterium; Pinus.
9. Give any two differences between the 'cell membrane' and 'cell wall'. 2
10. What is the the important advantage of SEM? 2
11. (a) What would happen if there were no lysosomes in the cell?
(b) Why are lysosomes termed as 'suicidal bags' of the cell?
(c) Can a cell survive if its nucleus is taken out? Why? 3
12. Name the two nucleic acids present in the cell. What are their functions? 3
13. Draw a labelled diagram to depict the electron microscopic structure of chloroplast. 5