

13.12.19

SUMMATIVE ASSESSMENT-2

Marks-80

STD:VI

SCIENCE-II

Time-2½hrs

I. Choose the correct answer:

9x1=9

1. Most organelles in an eukaryotic cell is found in the _____.
a. cell wall b. cytoplasm c. nucleus d. vacuole
2. Which one of the following is not an unicellular organism? _____.
a. Yeast b. Amoeba c. Spirogyra d. Bacteria
3. The 'control centre' of the eukaryotic cell is _____.
a. cell wall b. Nucleus c. Vacuoles d. chloroplast
4. Cells are classified into _____ types.
a. one b. two c. three d. four
5. Circulatory system transports these throughout the body _____.
a. oxygen b. Nutrient c. Hormones d. All of these.
6. Main organ of respiration in human body is _____.
a. stomach b. spleen c. Heart d. Lungs.
7. _____ system consists of bones, cartilages and joints.
a. Skeletal b. Muscular c. Circular d. Respiratory
8. The heart is surrounded by a double layered membrane called _____.
a. pericardium b. capillary c. pleura d. alveoli
9. The smallest bone in our body is present inside the ear is called _____.
a. stapes b. skull c. incus d. malleus

II. Fill in the blanks:

9x1=9

10. I am like a policeman. Who am I ?
11. The instrument used to observe the cell is _____.
12. The egg of an ostrich is the _____ single cell.
13. I take part in food production of a cell. Who am I _____.
14. _____ are found in animal cells.
15. The walls of the heart is made up of _____.
16. The _____ is the largest sense organ in our body.
17. A group of organs together make up an _____ system.
18. The endocrine glands produce chemical substances called _____.

III. Match the following:

9x1=9

- | | | |
|----------------------|---|-------------------------------|
| 19. Control centre | - | cell membrane |
| 20. Food producer | - | Nucleus |
| 21. Gate of the cell | - | Chloroplasts |
| 22. Skeletal system | - | flat muscle |
| 23. Ear | - | cardiac muscle |
| 24. Diaphragm | - | sound |
| 25. Heart | - | Protection of internal organs |
| 26. Mitochondria | - | Brain |
| 27. Cerebellum | - | power house of the cell. |

IV. Write True or False:

9x1=9

28. Blood is produced in the bone marrow.
29. The brain, the spinal cord and nerves form the nervous system.
30. The other name of food pipe is alimentary canal.
31. The adult human skeletal system consists of 206 bones _____.
32. New cells are produced from the existing cells.
33. A cell is the smallest unit of life.
34. Most cells are microscopic and can be seen with naked eye.
35. Nerve cell is the longest cell.
36. Prokaryotes were the first form of life on earth.

V. Answer any seven of the following:

7x2=14

37. Name two unicellular and multicellular organisms?
38. Define cell.
39. What are the three major parts present in a typical cell.
40. Write the function of epiglottis.
41. Name the important parts of eye.
42. Pick the odd one out and give reason (Arteries, Spinal cord, Capillaries, Veins).
43. Write any four glands of endocrine system.
44. Name three types of blood cells.
45. Differentiate prokaryotic cell and eukaryotic cell.

46. Arrange the cells according to their size from small to large

Human egg cell, Plant cell, Bacterium cell, virus.

VI. Answer any three in detail:

3x4=12

47. Explain in detail about digestive system and draw a neat diagram.
48. Write about circulatory system.
49. Compare plant cell and animal cell.
50. List out the cell components and their functions.

VII. FBT:

5x2=10

- | | | |
|---|---|--------------|
| 51. Branch of science deals with study of cells | - | 12 pairs |
| 52. Discovery of the cell | - | cell biology |
| 53. Ribcage | - | Robert Hooke |
| 54. Brain | - | Pupil |
| 55. Eyes | - | Meninges |

VIII. Draw any two diagram:

2x4=8

56. Layers of skin
57. Structure of prokaryotic cell
58. Kidney