



EFFORT CLASSES

Dare to Dream !.... Dreams come true !

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Q.P code-199/IBST1

IX ICSE

Date-25/01/20

Time – 1 hr

BIOLOGY

Marks–40

Each question carries 2 marks

Q1. Name the part of the cell concerned with the following?

- a) Liberation of energy
- b) Synthesis of proteins
- c) Transmission of hereditary characters from parents to offspring
- d) Initiation of cell division

Q2. Write the full form of ATP and ADP.

Q3. How are aerobic and anaerobic respirations different in plants?

Q4 Match the following.....

COLUMN 1

COLUMN 2

Pine

Fungi

Earthworm

Animalia

Bread mould

Protista

Amoeba

Gymnosperm

Q5. Give any one difference between each of the following.....

- a) Flatworm and roundworm.
- b) Vertebrate and invertebrate.

Q6. How is the respiratory passage kept free of dust particles?

Q7. Fill in the blanks.....

- a) Alveoli and
- b) Epiglottis and
- c) Diaphragm and.....
- d) Pleura and

Q8. What are the functions of the following in breathing? 1) Ribs 2) Diaphragm

Q9. Why does gaseous exchange continue in the lungs even during expiration?

Q10. Differentiate between tidal volume and residual volume.

Q11. Why are the cells generally of a small size?

Q12. It is said that that protoplasm cannot be analysed chemically. Why?

Q13. Name the following:

- a) Energy currency of cell.
- b) A chemical which removes carbon dioxide from the air.

Q14. What happens to the energy liberated in respiration?

Q15. How do the following structures help in respiration in plants?

- a) Lenticels b) Stomata c) Root hairs

Q16. Who had introduced the binomial system of naming living being?

Q17. Name the five kingdom according to the new classification.

Q18. Mention three features found only in plants and one found in animal cells.

Q19. Name the plastid and pigment likely to be found in the cells of.....

- a) petals of sunflower
- b) skin of green mango

Q20. Write the overall chemical equation of aerobic and anaerobic respiration.