



DELHI PUBLIC SCHOOL NEWTOWN
SESSION 2021-22
HALF YEARLY EXAMINATION (ONLINE)
POLLING PAPER


CLASS: IX

FULL MARKS: 30

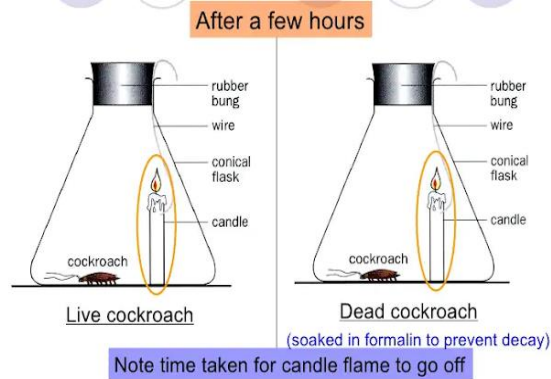
SUBJECT: BIOLOGY (PAPER 2)

TIME: 40 MINUTES

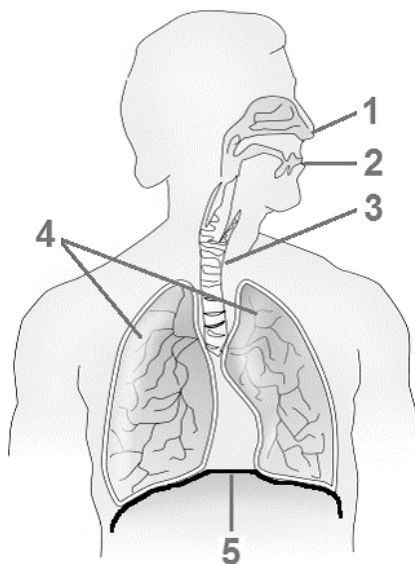
Multiple choice questions:

1. The first antibiotic that was discovered is _____.
a. Streptomycin **b. Penicillin** c. Insulin d. Paracetamol.
2. Observe the picture given below and name the organization that has this emblem.

a. UNICEF **b. Red Cross** c. UNO d. WHO
3. Disposal of waste by burning is called _____.
a. Dumping b. Drainage **c. Incineration** d. Composting
4. The headquarters of WHO is located at _____.
a. California **b. Geneva** c. Bangalore d. New York
5. Toxins are made harmless by adding _____.
a. Dilute hydrochloric acid b. Dilute Formic acid **c. Dilute Formalin** d. water
6. _____ immunity is also called native immunity.
a. Innate b. Acquired c. Passively acquired immunity d. Actively acquired immunity.

7. Observe the experiment given below and state the aim of the experiment.



- a. To measure the volume of expired air b. To measure the amount of CO_2 released
- c. To show that oxygen is taken in by animals during respiration
- d. To show the oxygen is needed in photosynthesis.
8. Deficiency of oxygen reaching tissues is called _____.
a. Hypoxia b. Anoxia c. Asphyxiation d. Food poisoning
9. Air breathed in and out in a normal breathing is called _____.
a. Dead air space b. Residual volume c. Tidal volume d. Vital capacity
10. Identify the part that contracts during inhalation.

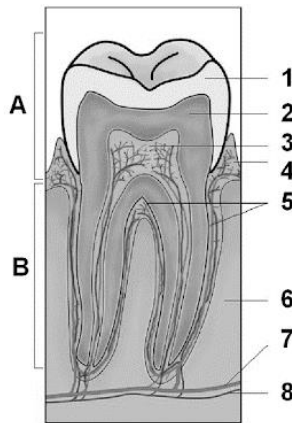


- a. 1 b. 3 c. 5 d. 2

11. Which pairs of ribs are the floating ribs?



- a. 1st and 2nd b. 10th and 11th c. 12th and 13th d. 11th and 12th
12. _____ bone marrow gives rise to the white blood cells.
a. Red b. Yellow c. Green d. Pink
13. The bone from which Calcium is removed is called _____ bone
a. Oxidised b. Ash c. Decalcified d. Organic
14. External surface of the bone is covered by a membrane called _____
a. Pericardium b. Pleural membrane c. Periosteum d. Perichondrium
15. Substrate of ptyalin is _____.
a. Glucose b. Lactose c. Starch d. Maltose
16. Lymph vessels present inside the villus is called _____.
a. Gall bladder b. Salivary gland c. Lacteals d. Tonsils
17. Inactive pepsinogen is activated into pepsin by _____.
a. Formic acid b. Sulphuric acid c. Hydrochloric acid d. Nitric acid.
18. Observe the picture given below and mention which part of the teeth is exposed above the gum?



- a. A b. B c. 1 d. 2

19. Anaemia is due to the deficiency of _____ in blood.

- a. Iron b. Potassium c. Calcium d. Copper

20. Sodium deficiency in our body causes _____.

- a. Rickets b. Skin problems c. Muscular cramps d. Food poisoning.

21. Which of these is a water-soluble vitamin?

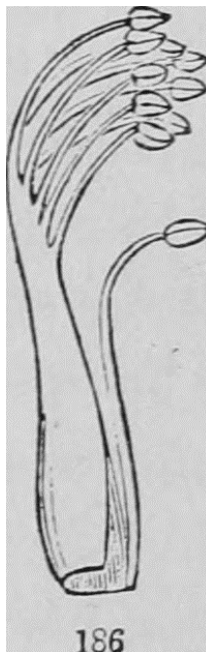
- a. Vitamin A b. Vitamin D c. Vitamin E d. Vitamin C

22. The picture given below shows a flower arising from the axil of a leaf-like structure called _____.



- a. Sepal b. Petal c. Bract d. Nectaries

23. The type of stamen shown in the picture given below is of a _____ stamen.

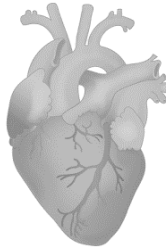


- a. Monadelphous b. Diadelphous c. Polyadelphous d. Gamopetalous.

24. The part of the neuron that contains the nucleus is the _____.

- a. Axon b. Dendron **c. Cyton** d. Myelin sheath

25. Name the type of muscle tissue that makes up the organ shown in the picture below:-



- a. Skeletal b. Smooth **c. Cardiac** d. Striated

26. The walnut shell is made up of _____.

- a. Parenchyma b. Collenchyma **c. Sclerenchyma** d. Xylem parenchyma

27. Covering of the vacuole is called _____.

- a. Nuclear membrane b. Plasma membrane **c. Tonoplast.** d. Cell wall

28. Which of the following is absent in the cell shown below?



- a. Nucleus b. Cell wall **c. Centrosome** d. Mitochondria

29. _____ is freely permeable.

- a. Cell wall** b. Cell membrane c. Plasma membrane d. Tonoplast.

30. The protein factories of the cell are _____.

- a. Ribosomes** b. Mitochondria c. Cytoplasm d. Vacuole.