



NATIONAL MEANS CUM MERIT SCHOLARSHIP TEST
BIOLOGICAL SCIENCE PREVIOUS PAPER - 1 LIVE WORKSHEET

1. This disease which is caused due to the deficiency of vitamin C is _____ ()
1) Rickets
2) Pellagra
3) Scurvy
4) Xerophthalmia
2. The enzyme ptyalin is secreted _____ ()
1) Gastric glands
2) Salivary glands
3) Intestinal glands
4) Pancreas
3. In plants, the secondary metabolites are _____ ()
1) Carbohydrates
2) Proteins
3) Fats
4) Alkaloids
4. The release CO₂ during respiration can be tested with _____ ()
1) Lime water
2) Potassium permanganate
3) Sulphuric acid
4) Soda water
5. The cellular respiration takes place in _____ ()
1) Golgi-complex
2) Chloroplast
3) Mitochondria
4) Ribosomes
6. The instrument used to measure the blood pressure is _____ ()
1) Hydrometer
2) Sphygmomanometer
3) Calorimeter
4) Thermometer
7. The excretory organ in platyhelminthes is _____ ()
1) Nephridia
2) Malpighian tubules
3) Flame cells
4) Kidneys

8. The number of cranial nerves in human being is _____ ()

- 1) 10 pairs
- 2) 31 pairs
- 3) 12 pairs
- 4) 43 pairs

9. Gonadotropin hormone is secreted by ()

- 1) Adrenaline gland
- 2) Thyroid gland
- 3) Pituitary gland
- 4) Pancreas

10. The phytohormone which is useful for ripening of fruits is ()

- 1) Auxins
- 2) Gibberellins
- 3) Cytokinins
- 4) Ethylene

11. In bryophyllum, the vegetable reproduction occurs through ()

- 1) Root
- 2) Stem
- 3) Leaf
- 4) Flower

12. The total number of canines present in human being is _____ ()

- 1) One
- 2) Two
- 3) Eight
- 4) Four

13. Bees wax is prepared and secreted by ()

- 1) Salary in enzyme in the bee's crop
- 2) Abdominal glands of worker bees
- 3) Salivary glands of worker bees
- 4) Both 1 and 2

14. Oestrogen is secreted by- ()

- 1) Testis
- 2) Adrenal
- 3) Ovary
- 4) Liver

15. Tree saving and plantation movement was launched in 1950 it is known as- ()

- 1) Endemic species
- 2) Epidemic species
- 3) Endomorphic species
- 4) Intermorphic species

16. Beer and wine are both alcoholic drinks which are produced from different sources select the correct statement regarding the production of each. ()

- 1) Why is prepared by fermentation of grapes and bear is prepared from potatoes

2) Wine is prepared by fermentation of grapes and beer by fermentation of germinating barley

3) Wine is prepared by fermentation of germinating Barley and beer by fermentation of grapes

4) None of the above

17. Raw materials involved in the process of photosynthesis ()

1) CO₂b 2) H₂o
3) Sunlight 4) All of the above

18. What happens to lime water when we Exhale air into it? ()

1) Remains same 2) Turns blue
3) Turns milk 4) Becomes colourless

19. How can plants prevent self pollination? ()

1) Stamin and pistil mature at different times
2) Plant should develop bisexual flowers
3) Piston should have increased respectively for pollen from same plant
4) All the above

20. A gardener buns leaves and weeds. This is causing pollution. He should not bun them but instead disposed them by- ()

1) Throwing them into the river
2) Burying them in the garden
3) Throwing into the sawers
4) Dumping them into the sea