



**NATIONAL MEANS CUM MERIT SCHOLARSHIP TEST**  
**BIOLOGICAL SCIENCE PREVIOUS PAPER - 4 LIVE WORKSHEET**

1. If the Earthworm's skin is dried up, what will happen to it? ( )  
1) It cannot respire  
2) It can't take food  
3) It can't protect itself  
4) No change occurs in its life
  
2. Why do seeds disperse? Choose the correct statement ( )  
1) Seeds dispersal is essential for the survival of plants  
2) They (plants) get sufficient place to grow  
3) They get sufficient and water  
4) Most people eat sprouts
  
3. To preserve the fertility of soil , which method do you choose? ( )  
1) Continuous cultivation of same type crop in the same land  
2) Keep the land vacant  
3) Rotation of crops  
4) Excess usage of chemical fertilisers
  
4. If you want to Keep good health, which type of food do you avoid eating? ( )  
1) Dry fruits  
2) Junk food  
3) Roughages  
4) Green salads
  
5. The secretions of ductless glands are known as ( )  
1) Enzymes  
2) Vitamins  
3) Hormones  
4) Minerals
  
6. By which method, milk, can be stored? ( )  
1) Fumigation  
2) Drying in sunlight  
3) Fermentation  
4) Pasteurisation

7. Formation of zygote occurs in \_\_\_\_\_ ( )  
1) Asexual reproduction 2) Vegetative reproduction  
3) Sexual reproduction 4) Sporulation

8. The hormone that controls emotions is ( )  
1) Growth hormone 2) Testosterone  
3) Adrenalin 4) Luteinizing hormone

9. Example of an endemic species ( )  
1) Orchids 2) Peacock  
3) Spanish flag 4) Kangaroo

10. External fertilisation takes place in ( )  
a) Frogs b) Human beings  
1) a and b 2) a and c  
3) a and d 4) b and d

11. Identify the mismatched pair ( )  
1) Amoeba - binary fission  
2) Yeast - multiple fission  
3) Hydra - budding  
4) Paramecium - binary fission

12. Which of the following disease doesn't spread through air ( )  
1) Typhoid 2) Swine flu  
3) Tuberculosis 4) Mumps

13. Vaccine for rabies was invented by \_\_\_\_\_ ( )  
1) Alexander Fleming 2) Louis Pasteur  
3) Edward Jenner 4) Jonas Salk

14. Iodine solution is used to test the presence of \_\_\_\_\_ ( )  
1) Carbohydrates 2) Proteins  
3) Mineral salts 4) Fats

15. In 1752, James Lind found that \_\_\_\_\_ disease can be cured by eating fresh fruits and vegetables. ( )  
1) Scurvy 2) Beri beri  
3) Amoebiasis 4) Marasmus

16. An ant bite causes burning sensation and pain as            is released ( )

17. Which of the following food materials consist of lactic acid ( )

18. The indicator which changes acids into red colour bases into yellow colour is ( )

<b>1) Milk of magnesia</b>	<b>2) Methyl orange</b>
<b>3) Phenolphthalein</b>	<b>4) Iodine</b>

19. Which one of the following cells is indiploid stage? ( )

1) Sperm	2) Pollen grain
3) Ovum	4) Zygote

20. The part of a flower which develops into a fruit is \_\_\_\_\_ ( )

1) Style	2) Seeds
3) Ovary	4) Ovules