

**Mandal Parishad Upper Primary School  
Angadi Kistapur  
Markook Mandal, Siddipet District**



**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 respirate
  - 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                      c) Birds                      d) Fish  
 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 Linds 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 (     )
- |                      |                 |
|----------------------|-----------------|
| 1) Citric acid       | 2) Formic acid  |
| 3) Hydrochloric acid | 4) Formaldehyde |
17. Which of the following food materials consist of lactic acid (     )
- |            |          |
|------------|----------|
| 1) Amla    | 2) Curd  |
| 3) Vinegar | 4) Apple |
18. The indicator which changes acids into red colour bases into yellow colour is (     )
- |                     |                  |
|---------------------|------------------|
| 1) Milk of magnesia | 2) Methyl orange |
| 3) Phenolphthalein  | 4) Iodine        |
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 |