

**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 |