

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



NATIONAL MEANS CUM MERIT SCHOLARSHIP TEST

BIOLOGICAL SCIENCE PREVIOUS PAPER - 3 LIVE WORKSHEET

1. Step 1: Bacteria digest animal waste and produce Biogas.
Step-2: Bio-gas is then burnt as fuel.
Choose the correct statement from the following ()
 - 1) Only step 1 is chemical change
 - 2) Only step 2 is chemical change
 - 3) Both step 1 and step 2 are chemical change
 - 4) Both step 1 and step 2 are physical change
2. Which of the following is not an Oscillatory motion? ()
 - 1) Motion of hammer of and electric bill
 - 2) Motion of your hands, while running
 - 3) Motion off child on a see-saw
 - 4) Motion of a horse pulling cart
3. Cuscuta is an example of _____ ()
 - 1) Autotroph
 - 2) Parasite
 - 3) Saprophyte
 - 4) Symbiont
4. History of science written by _____ ()
 - 1) Robert hooke
 - 2) F. Cajori
 - 3) Karl popper
 - 4) Einstein
5. Amoeba keeps on changing its shape varying protruding out of its body. These are called ()
 - 1) Tentacles
 - 2) Cilia
 - 3) Pneumatophores
 - 4) Pseudopodia
6. Match the item in column 1 with column 2. ()

Column-1	Column-2
a. Virus ()	1. some skin disease

- | | | |
|---------------|-----|------------|
| b. Bacteria | () | 2. Malaria |
| c. Fungi | () | 3. AIDS |
| d. Protozoans | () | 4. Typhoid |

Select the correct answer

- 1) a-3, b-4, c-1, d-2
- 2) a-2, b-3, c-1, d-4
- 3) a -1, b-4, c-2, d-3
- 4) a-4, b-2, c-3, d-1

7. Pasteurisation lead to the invention of _____ ()

- | | |
|------------------|------------------|
| 1) Transpiration | 2) Inoculation |
| 3) Vaccination | 4) Sterilisation |

8. Method employed by childless couple to have baby_____ ()

- | | |
|--------------------------|---------------------------|
| 1) In Vivo fertilisation | 2) In vitro fertilisation |
| 3) Oviparous method | 4) Viviparous method |

9. Identify the secondary sexual characters not found in girls from the following: ()

- | | |
|-------------------|--------------------------|
| 1) Ovary enlarges | 2) Development of breast |
| 3) Facial hair | 4) Releasing mature eggs |

10. Now-a-days we find animals intruding into our living places because of _____

- | | |
|-------------------------------------|----------------------------|
| a) lack of dwelling place | b) lack of sufficient food |
| c) lack of interest to live in wild | c) lack of predators |

Choose the correct answer ()

- | | |
|--------------------|--------------------|
| 1) (a),(b) and (d) | 2) (a),(b) and (c) |
| 3) (a),(c) and (d) | 4) (b),(c) and (d) |

11. Choose the correct statement as per the priestly's demonstration. ()

- 1) Plants for making the air impure animals were making it pure
- 2) Animals were making the air impure plants were making it pure
- 3) Plants exchange gases with their surrounding air
- 4) The plant grows because of the pure water it gets

12. Choose the incorrect pair. ()

- | | |
|------------------------------|---------------------|
| 1) Fish. - Gill | 2) Tadpole - Gill |
| 3) Cockroach - Tracheal Tube | 4) Earthworm - Gill |

13. Which one of the following is an you unisexual flower? ()
- | | |
|-------------|-------------|
| 1) Datura | 2) Cucumber |
| 3) Hibiscus | 4) Ipomea |

14. To conserve soil, which method do you choose ()
- 1) Leave the lands vacant
 - 2) Avoid crop rotation
 - 3) Use more chemical fertilisers
 - 4) Use vacant lands to grow grass

15. To avoid constipation, which type of food do you prefer? ()
- | | |
|--------------|-------------|
| 1) Junk food | 2) Cakes |
| 3) Roughages | 4) Oil food |

16. Possible answer that can be tested is called ()
- | | |
|-------------------|---------------|
| 1) Variable | 2) Hypotheses |
| 3) Classification | 4) Comparison |

17. Plant cell is more rigid than animal cell because ()
- | | |
|------------------------------|--------------------------|
| 1) Presence of cell membrane | 2) Presence of nucleus |
| 3) Presence of vacuole | 4) Presence of cell wall |

18. Match the items column-1 with column- 2. ()

Column-1		Column-2	
A. Bacteria	()	1. Bread mould rhizopus	
B. Fungi	()	2. Amoeba	
C. Algae	()	3. Lacto-bacillus	
D. Protozoa	()	4. Chlamdo-monas	

Select the correct matching

- | | |
|-----------------------|-----------------------|
| 1) A-3, B-4, C-1, D-2 | 2) A-2, B-1, C-4, D-3 |
| 3) A-3, B-2, C-4, D-1 | 4) A-3, B-1, C-4, D-2 |

19. Choose the incorrect statement about vaccine ()
- 1) Dr Edward Jenner discovered the vaccine
 - 2) Vaccines protect us from harmful diseases
 - 3) Vaccine for rabies was discovered by doctor yellapragada

Subbarao

- 4) Smallpox vaccine saved millions of people from deadly diseases

20. Choose the incorrect pair

()

- 1) Hydra - Budding
- 2) Amoeba- Binary fission
- 3) Human beings- external fertilisation
- 4) Dolly- cloning