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Register Number:

Date: 02-04-2019

**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BANGALORE-27**

OPEN ELECTIVE: IV SEMESTER

SEMESTER EXAMINATION- APRIL 2019

**ZO-OE-4116- A Journey in to Animal World and Human Life**

**Time: 1 ½ hrs Maximum marks: 35**

***This question paper has two printed pages and three parts***

1. **Answer the following questions. Each question carries 1 mark 10 x 1 = 10**
2. Cirrhosis is a pathological condition of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Brain B. Kidney C. Heart D. Liver
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is an example of a malarial parasite.
5. Sycon B. Plasmodium C. Asterias D. Ascaris
6. An universal donor has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ blood group.
7. ‘A’ Group B. ‘AB’ Group C. ‘B’ Group D. ‘O’ Group
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ,while sucking blood produces an anticoagulant.
9. Earthworm B. Leech C. Aphrodite D. Nereis
10. AIDS is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
11. Virus B. Infection C. Disease D. Syndrome
12. Spleen belongs to ­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system.
13. Excretory B. Lymphatic C. Nervous D. Reproductive
14. Charring and deep tissue damage indicates \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degree burn.
15. Fourth B. First C. Second D. Third
16. Down Syndrome is caused by an extra chromosome in chromosome number \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
17. 10 B. 5 C. 21 D. 15
18. Bird song is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ signal.
19. Auditory B. Olfactory C. Visual D. All of Above

10. \_\_\_\_\_\_\_\_\_\_\_ is the attribution of human traits, emotions, and intentions to non-human entities.

1. Polymorphism B. Anthropomorphism C. Metamorphism D. None of the above
2. **Answer any 5 of the following 5 x 2 =10**
3. Name the parts of the alimentary canal.
4. Write a brief note on metamorphosis.
5. Name the four biodiversity hotspots in India.
6. What is a key stone species? Give two examples.
7. Define lung capacity.
8. Briefly explain “social insects”.
9. **Answer any 3 of the following 3 x 5 = 15**
10. Briefly explain the anatomy of the female reproductive system with a neat labelled diagram.
11. Give brief account of how food is dealt and the process involved in food digestion.
12. Define aquaculture. Differentiate between shell and fin fishery with suitable examples.
13. Describe the flow of blood with a neat labelled diagram of human heart.
14. What is a vector? Name the vector of the following diseases
    1. Malaria b. Dengue c. Filaria d. Schistosomiasis

**ZO-OE-4116-B-19**