

SARDAR PATEL INS. OF SCI & TECH. MAHAVIDHYALAY, GORAKHPUR
Pre University Examination-2019 - 2020

B.Sc -I

Time: 3 hours

Subject Name: ZOOLOGY
Paper – I (Protozoa Helminthers)

M.M: 45

- Note: (i) Attempt five questions in all.**
(ii) Question No.1 is compulsory.
(iii) Select two questions from each section.
(iv) All question carry equal marks.

Q-1 Answer all parts of the following. Answer not exceeds 200 Words.

- (a) Trophozoites.
- (b) Endomixis.
- (c) Eupletella.
- (d) Flame cell.
- (e) Spongocoec.

Section A

(Answer not exceed 1000 Words)

- Q-2 Classify phylum porifera or coelentrata with suitable example.**
Q-3 Describe lifecycle of T. solium or F. hepatica.
Q-4 Describe lifecycle of Aurelia and metagenesis.
Q-5 Describe Reproduction in paramecium

Section B

(Answer not exceed 500 Words)

- Q-6 Write short note on following.**
(a) Canal system of sycon
(b) Locomotion in Euglena.
- Q-7 Write short note on following.**
(a) Excretion in planeria.
(b) Amphiblastula larva.
- Q-8 Write short note on following.**
(a) Spicules of sponge
(b) Medusa of coelentrata.
- Q-9 Describe on the following**
(a) Life cycle of manocystis.
(b) Larva of F. hepatica.