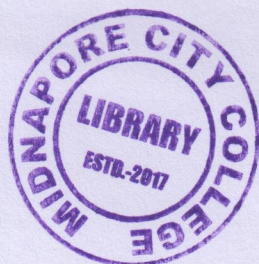


Acc No. SP 59

MCC/18/M.Sc./Sem.-II/ZOO/1



Second Semester Examination-2018

M.Sc. ZOOLOGY

Paper Code: ZOO-206

Practical Paper

Full Marks : 50

Time: 6 Hours

(Parasitology, Molecular Biology, Histochemistry)

The figures in the margin indicate full marks.

Candidates are required to give their answer in their own words as far as practicable.

Illustrate the answers whenever necessary.

Answer the following questions

1. Isolate DNA from the sample provided and run on Agarose gel and write the principle of agarose gel electrophoresis. **6+6+3=15**

2. Prepare smear from the rectal content of the specimen provided. Identify with characters, Draw and label the parasite observed. **5+2+3=10**

3. A. Identify the specimen with characters A&B. **2½×2= 5**
B. Identify the histological slides A&B with characters. **5x2 = 10**

4. Internal assessment (Viva + Lab Note Book). **5+5 =10**