

(20519)

Roll No. R180935130005

Total Questions : 10]

[Printed Pages : 2

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B.Sc. (Micro.) Ist Year Examination,
May-2019

BIOLOGY-I

(B-109)

[B.Sc. (Micro.)]

Time : 3 Hrs.]

[M.M. : 50

Note :- Attempt any *five* questions. All questions carry equal marks.

1. Write an essay on the use of key in the identification of animals.
2. What do you mean by binomial nomenclature ? Describe the contribution of *Linnaeus*.
3. Write the characters of Arthropoda and give its classification with examples.

NA-323

(1)

Turn Over

4. Write notes on the following :
 - (a) Canal system in porifera
 - (b) Impact of microscopy
5. Write notes on the following :
 - (a) Hypothesis and prediction
 - (b) Serendipity
6. Write an essay on Modern trends in taxonomy.
7. Describe the model of DNA as proposed by Watson and Crick with the help of suitable diagram.
8. Describe the concepts and applications of biosystematics.
9. Write the important character of platyhelminthes with examples and diagrams. Write its classification also.
10. Write notes on the following :
 - (a) Aristotle
 - (b) Biodiversity