

1<sup>st</sup> Sessional Examination, 2021

Subject- Anthropology

B.A 5<sup>th</sup> Semester

Paper- 5016

Time – 1 hour

Full Marks -20

1. Answer the following question: 1x5=5

1. What is random mating?
2. What is non-Random mating?
3. What is assortative mating?
4. What is negative assortative mating?
5. What is heritability?

2. Answer the following question (any three): 3x5=15

- I. Differentiate between single locus versus Multilocus.
- II. Differentiate between Mendelian inheritances versus Non-Mendelian inheritance.
- III. Explain the Hardy- Weinberg principle.
- IV. Describe the Bottleneck effect.