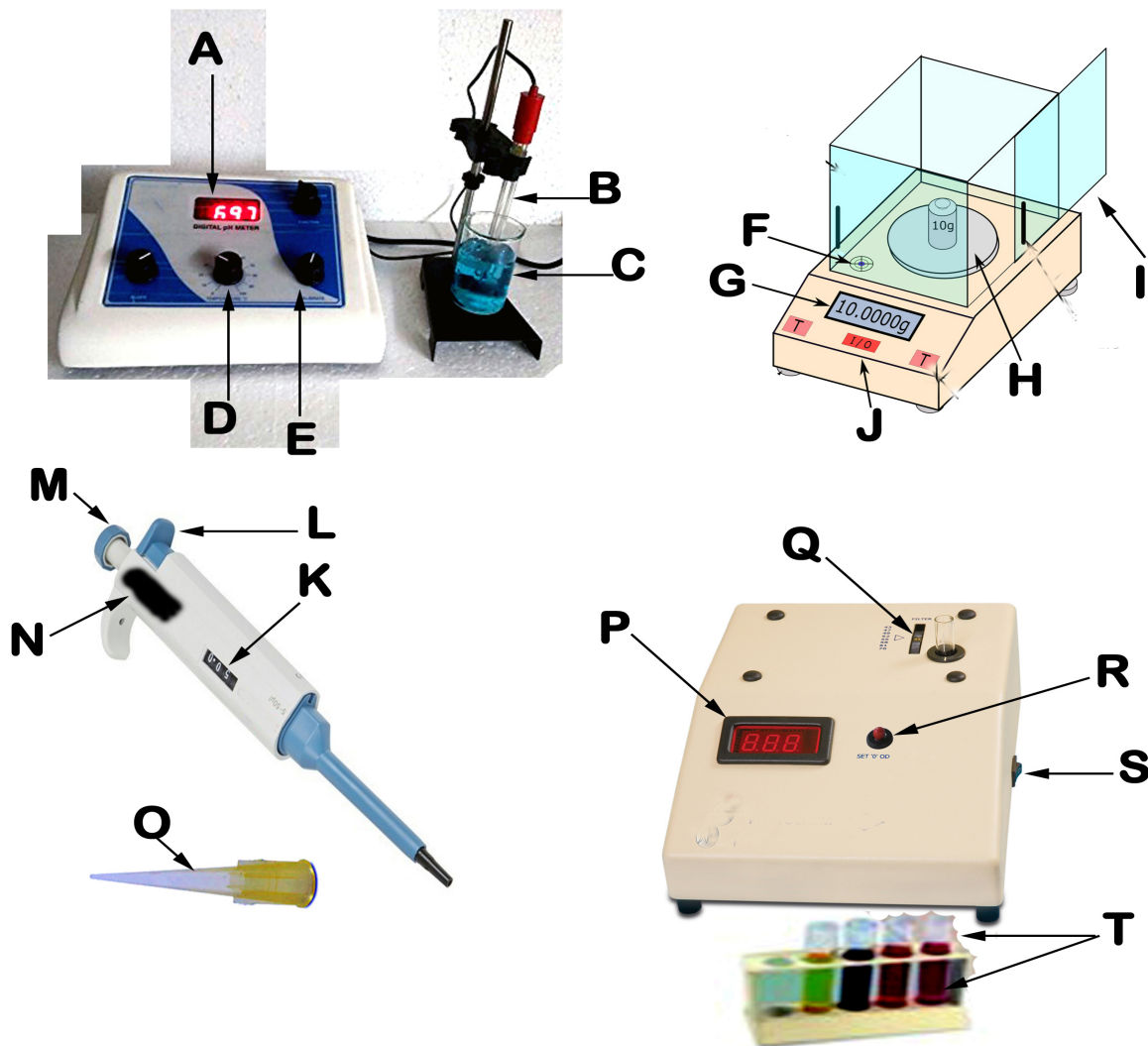# Model Question 2020
ZOOLOGY – HONOURS - PRACTICAL
Eight Paper (ONLINE)

Full Marks: 100   **Time – 2 hour**

1. Identify the parts mentioned in the pictures – (A), (B), (C), (D), (E), (F), (G), (H), (I), (J), (K), (L), (M), (N), (O), (P), (Q), (R), (S), (T)   2×20=40

2. Calculate Mean, Median and Mode of length of plants surveyed in a field along with frequency distribution given in the table below:-   6+6+8=20

Length (cm)	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Frequency	6	12	14	16	8	8	4

3. Test whether the following data has a significant goodness of fit with the Mendelian Test Cross ratio of 1:1:1:1 (at 5% level). [Null Hypothesis - 2; Tabulation and Calculation - 6; Interpretation -2]   2+6+2=10

Phenotype	Round yellow	Round Green	Wrinkled Yellow	Wrinkled Green
Number of Plants	24	25	22	27

4. (a) Write a paragraph on one significant Mammal of the field you have visited.
   (b) Write a paragraph on one significant Bird of the field you have visited.
   (c) Write a paragraph on one significant Invertebrate of the field you have visited.
                                                 10+10+10 = 30