

XII BIOLOGY TEST ON REPRODUCTION IN ORGANISMS

TIME: 1 HOUR

M.M.: 20

1. Define clone. **1**
2. Differentiate between primates and non-primates with examples. **2**
3. Write then n-chromosome number of: **$\frac{1}{2} \times 4 = 2$**
 - (a) Rat
 - (b) Housefly
 - (c) Drosophila
 - (d) Cat
4. Clarify similarity / difference among homothallic / heterothallic and monoecious / Dieocious with examples. **3**
5. Draw well labelled diagram of sex-organ of chara. **3**
6. What are various events of sexual reproduction. **3**
7. Define the followings **$1+1+1 = 3$**
 - (a) Meicytes
 - (b) Life span
 - (c) Parthenogenesis
8. Differentiate between homogametic and heterogametic giving suitable examples. **3**

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