

XII BIOLOGY TEST EVOLUTION

TIME: 1 HOUR

M.M.: 20

1. Define adaptive radiation. 1
2. Differentiate between divergent and convergent evolution with examples. 2
3. Name the fish caught in 1938. Write its name from where it was caught? $1 + 1 = 2$
4. What is the differences in view of Darwin and Hugo devries in mechanism of evolution? 3
5. What is Hardy-Weinberg principle? Name any four factors which affect if. $1 + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = 3$
6. Name the biggest land reptile which was present around 200 mya. What was their height? Write one feature of it. $1 + 1 + 1 = 3$
7. Name the human ancestor present in 2 mya. Where it was probably? Write one feature of it. $1 + 1 + 1 = 3$
8. Who embryological support of evolution? What was its basis? Who disapproved it? 3

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