

## Worksheet: Evolution

Odisha State Board · Class 12 · Biology · 5 questions · 13 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 13

**Q1.** What is adaptive radiation? Illustrate with Darwin's finches. *[2 marks]*

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**Q2.** What evidence suggests humans originated in Africa? *[2 marks]*

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**Q3.** Differentiate between homologous and analogous organs with an example of each. *[3 marks]*

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**Q4.** State the Hardy-Weinberg principle and its conditions. *[3 marks]*

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**Q5.** If 1% of a population shows a recessive disorder, find the carrier frequency. *[3 marks]*

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