

GECKODAILY CLASSROOM RESOURCES · QUIZ

Leopard Gecko - Multiple Choice Quiz

Eublepharis macularius

Name: _____ Date: _____

Instructions: Circle the best answer to each question. An answer key with brief explanations follows on the last page.

1. What family does the leopard gecko belong to?

- A) Gekkonidae B) Eublepharidae
C) Agamidae D) Diplodactylidae

2. Which of these is unique to Eublepharidae among gecko families?

- A) Adhesive toe pads B) Movable eyelids
C) Prehensile tails D) Parthenogenesis

3. What is the main function of a healthy leopard gecko's tail?

- A) Balance only B) Fat storage
C) Producing sound D) Regulating temperature

4. Temperature-dependent sex determination in leopard geckos means:

- A) Sex is fixed at fertilisation by chromosomes B) Incubation temperature influences hatchling sex
C) Temperature only affects hatching speed, not sex D) Only females can control incubation temperature

5. Warmer incubation temperatures in leopard geckos tend to produce:

- A) More females B) More males
C) No change in sex ratio D) Sterile offspring

6. What is caudal autotomy?

- A) A type of vision adaptation B) Voluntary detachment of the tail to escape a predator
C) A digestive process D) A mating behaviour

7. Leopard geckos are native to which region?

- A) West Africa B) South-Central Asia
C) New Caledonia D) Central Australia

8. What is the leopard gecko's current IUCN Red List status?

- A) Vulnerable B) Endangered
C) Least Concern D) Critically Endangered

9. Compared to climbing geckos, leopard gecko toes have:

- A) Larger adhesive pads B) Small claws and no adhesive pads
C) Webbing for swimming D) No toes at all

10. Which best describes leopard gecko activity pattern?

- A) Strictly diurnal B) Nocturnal/crepuscular
C) Fully aquatic D) Hibernates year-round

GECKODAILY CLASSROOM RESOURCES · ANSWER KEY

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1. B) Eublepharidae

Leopard geckos belong to Eublepharidae, the eyelid gecko family.

2. B) Movable eyelids

Movable eyelids are the family's defining trait; most other geckos have a fixed transparent scale instead.

3. B) Fat storage

The tail primarily stores fat as an energy reserve, unlike the muscular tails used for climbing in other lizards.

4. B) Incubation temperature influences hatchling sex

TSD means the temperature eggs are incubated at influences whether hatchlings develop as male or female.

5. B) More males

Warmer incubation temperatures are associated with a higher proportion of male hatchlings.

6. B) Voluntary detachment of the tail to escape a predator

Autotomy is the voluntary loss of a body part — here, the tail — usually to escape a predator's grip.

7. B) South-Central Asia

Their native range covers Afghanistan, Pakistan, northwestern India, western Nepal, and parts of Iran.

8. C) Least Concern

The species is currently assessed as Least Concern.

9. B) Small claws and no adhesive pads

Leopard geckos are ground-dwelling and have small claws rather than the setae-covered pads seen in climbing geckos.

10. B) Nocturnal/crepuscular

Leopard geckos are most active at night and around dawn/dusk (crepuscular).