

## Science ESL Mid-Term Exam Study Guide

### Chapter 1

- A. organism
- B. cell
- C. cell membrane
- D. nucleus
- E. tissue
- F. organ
- G. system
- H. photosynthesis

1. Describe 3 characteristics of living things.
2. Describe a difference between plant cells and animal cells.
3. Name an organ, and name a system.

### Fish, Amphibians, and Reptiles

- A. scales
- B. fins
- C. gills
- D. cold-blooded
- E. school (of fish)
- F. poison
- G. shell (of turtles and tortoises)
- H. fangs
- I. constriction
- K. venom

1. Name 2 different fish.
2. Know how fish get oxygen, and describe where gills are located.
3. Name and describe a type of shark.
4. Name 2 different amphibians.
5. Describe the skin of amphibians.
6. Describe the main difference between frogs and toads.
7. Describe something that fish and amphibians have in common.

8. Describe a difference between fish and amphibians.
9. Name 3 different reptiles.
10. Describe something that reptiles and amphibians have in common.
11. Describe a difference between reptiles and amphibians.
12. Describe how reptiles replace their scales.
13. Describe what tortoises and turtles do with their eggs.
14. Describe what lizards have the ability to do with their tail.
15. Describe how constricting snakes kill their food.
16. Name a constricting snake.
17. Name a poisonous snake.

### Birds

- A. warm-blooded
- B. nest
- C. feathers
- D. bill, beak
- E. wings
- F. hollow bones
- G. gliding, soaring
- H. flapping, powered flight
- I. migration
- J. raptors
- K. talons

1. Name 3 different birds.
2. Describe how birds reproduce.
3. Name and describe 4 features of the bodies of birds which help them to fly.
4. Name a bird who flies, and name a bird who does not fly.
5. Name 2 raptors.
6. Describe how birds of prey catch their food.

7. Know what vultures eat.
8. Describe the senses of owls.
9. Describe 3 reasons why birds sing.
10. Describe how birds communicate, other than by using sound.

### Mammals

- A. warm-blooded
- B. monotremes
- C. marsupials
- D. nocturnal
- E. whiskers
- F. pack (of dogs)
- G. howl
- H. clan (of hyenas)
- I. carnivores
- J. paws
- K. hibernation
- L. trunk (of elephants)
- M. tusks
- N. ivory
- O. herd (of elephants)
- P. horn (of rhinoceros)
- Q. snout
- R. canines
- S. retractable claws
- T. camouflage
- U. pride (of lions)
- V. mane
- W. antlers
- X. humps (of camels)
- Y. blowholes
- Z. blubber
- a. baleen plates
- b. calves (of whales)
- c. pod
- d. prehensile tail
- e. silverback

1. Describe 3 characteristics of mammals.
2. Name a monotreme.

3. Name a marsupial.
4. Know which mammals have wings and can fly.
5. Name and describe a type of bat.
6. Know how bats who eat insects find their food.
7. Know which mammal is the slowest.
8. Describe the location of the eyes of rabbits.
9. Know which sense is very strong in rabbits.
10. Name 2 different rodents.
11. Name 2 members of the dog family.
12. Describe how most hyenas hunt.
13. Name and describe a type of bear.
14. Know which animals are the largest living on land.
15. Know what elephants eat.
16. Describe a difference between African elephants and Asian elephants.
17. Know what rhinoceroses eat.
18. Explain why people kill rhinoceroses.
19. Name 2 members of the pig family.
20. Describe what pigs do with their snout.
21. Know where hippopotamuses live.
22. Know what hippopotamuses eat.
23. Describe the location of the nostrils, eyes, and ears of hippopotamuses.
24. Describe the senses of cats.
25. Know who is the largest member of the cat family.

26. Describe a difference between male and female lions.
27. Know who is the fastest land animal.
28. Name and describe a type of leopard.
29. Know which sense is very strong in deer.
30. Describe the growth and shedding of the antlers of deer.
31. Name and describe a type of deer.
32. Know where camels live.
33. Know what is stored in the humps of camels.
34. Name a relative of camels.
35. Describe the bodies of cetaceans (their shape, their bones, and their tail).
36. Name the 2 groups of cetaceans.
37. Describe how baleen whales eat.
38. Name and describe a type of baleen whale.
39. Describe a difference between baleen whales and toothed whales.
40. Name 3 toothed whales.
41. Know how toothed whales find food.
42. Know which toothed whale grows a tusk.
43. Name the 3 groups of primates.
44. Know where most primates live.
45. Name 2 prosimians.
46. Describe how monkeys communicate.
47. Name the 2 groups of monkeys.
48. Describe a difference between Old World Monkeys and New World Monkeys.

49. Name a New World Monkey, and name an Old World Monkey.
50. Know which animals are the closest relatives to humans.
51. Name the 4 types of apes.
52. Know which ape is the only one that is solitary.
53. Know where orangutans spend most of their time.
54. Know who the largest primate is.
55. Know what gorillas eat.
56. Know what chimpanzees eat.
57. Describe where chimpanzees sleep.