

## UNIT ONE – QUESTION FOUR

(All questions are from pages 16, 17 & 18)

- 1 Name \_\_\_\_\_ functions of the nose.
  - Nostrils for breathing
  - Detect heat and cold by touching
  - Sense of smell
- 2 Why do cat's eyes appear to glow when a light strikes them?
  - They have a mirror-like layer in their eyes
- 3 List \_\_\_\_\_ characteristics of the cat's ear that help pick up sounds.
  - Cup-shaped
  - Erect
  - Mobile
- 4 How many teeth does a cat have?
  - 30
- List \_\_\_\_\_ uses for the cat's tongue.
  - Eating
  - Lapping liquids
  - Grooming
- 5 What are the lips?
  - The fleshy part that covers the mouth and teeth.
- 6 What do the lips do?
  - Keep liquids and solids in the mouth
- 7 What are whiskers?
  - Long hairs coming from the lip and forehead area
- 8 What do we call the long hairs in the lip and forehead area?
  - Whiskers
- 9 What is another name for whiskers?
  - Vibrissae
- 10 What are vibrissae?
  - Whiskers
- 11 What is the length of a cat's whiskers?
  - generally a bit longer than the cat is wide
- 12 How does a cat use its whiskers?
  - It will not go into a space too small for itself due to the whiskers
- 13 What are carpal hairs?
  - Longer hairs on the back of the front legs which are very sensitive to touch
- 14 What do we call the long, sensitive hairs on the back of the front legs?
  - Carpal hairs
- 15 Name two purposes of the lower jaw.
  - Carries the lower teeth
  - Hinged so cat can open its mouth
- 16 What part of the cat's skull supports the nostrils?
  - Upper jaw
- 17 Where are the cheeks located?
  - The area between the eye and the jaw.
- 18 What is another name for cheek?
  - Jowl
- 19 What is the jowl?
  - The cheek
- 20 What do we call the fleshy area between the eye and the jaw?
  - Cheek or jowl
- 21 What is special about a cat's neck?
  - It can turn further than a human so it can lick between its shoulder blades.

- 1 Where is the nape located?  
--At the base of the neck, just forward of the shoulder
- 2 What do we call the area at the base of the neck, just forward of the shoulder?  
--Nape
- 3 Why does a mother cat carry her kittens at the nape?  
--Because the skin is loose and she won't hurt them
- 4 At what part of the body does a mother cat carry her kittens?  
--Nape
- 5 Where is the chest located?  
--Between the front legs below the neck
- 6 What do we call the area between the front legs below the neck?  
--Chest
- 7 What is the shoulder?  
--Bones and muscles that connect the front leg to the body
- 8 What do we call the area where the front leg connects to the body?  
--Shoulder
- 9 Where is the elbow located?  
--The first joint below the body on the front leg
- 10 What do we call the first joint below the body on the front leg?  
--Elbow
- 11 What is a foreleg?  
--Front leg
- 12 What is another name for the front leg?  
--Foreleg

- 13 Where is the wrist located?  
--The joint below the elbow on the front leg
- 14 What do we call the joint below the elbow on the front leg?  
--Wrist
- 15 What are the metacarpals?  
--The bones between the wrist and the paws
- 16 What do we call the bones located between the wrist and the paws?  
--Metacarpals
- 17 What is another name for toes?  
--Digits
- 18 What are digits?  
--Toes
- 19 How many toes are usually on a cat's front paw?  
--Five
- 20 How many toes are usually on a cat's back paw?  
--Four
- 21 What does digitigrade mean?  
--Walks on its toes
- 22 What do we call an animal that walks on its toes?  
--Digitigrade
- 23 What do we call a cat that has more than the usual number of toes?  
--Polydactyl
- 24 What does polydactyl mean?  
--Having more than the usual number of toes
- 25 Where are the pads located?  
--On the soles of the feet

- 1 List \_\_\_\_ functions of the pads.
  - Feel texture
  - Feel size
  - Feel temperature
  - Feel shape
- 2 How many ribs does a cat have?
  - Thirteen on each side
- 3 To what are the ribs connected?
  - The spine on the top and the sternum or breastbone below
- 4 What is the purpose of the ribs?
  - Protect the heart, lungs and other vital organs
- 5 What part of the body protects the heart, lungs and other vital organs?
  - Ribs
- 6 Where is the back located?
  - From the shoulder to the hips
- 7 What do we call the area from the shoulders to the hips?
  - Back
- 8 Where is the loin located?
  - The top line of the back between the rib cage and hip
- 9 What do we call the top line of the back between the rib cage and hip?
  - Loin
- 10 What do we call the point where the rear leg joins the body?
  - Hip
- 11 Where is the hip located?
  - The point where the rear leg joins the body
- 12 Where is the thigh located?
  - Hind leg between the hip and the knee
- 13 What do we call the area of the hind leg between the hip and the knee?
  - Thigh
- 14 What is another name for the knee?
  - Stifle
- 15 What is the stifle?
  - Knee
- 16 Where is the knee located?
  - First joint of the hind leg
- 17 What is the kneecap called?
  - Patella
- 18 Where is the stifle located?
  - First joint of the hind leg
- 19 What is the patella?
  - Kneecap
- 20 What is another name for heel?
  - Hock, ankle, or tarsals
- 21 What is the hock?
  - Heel, ankle or tarsals
- 22 What are the tarsals?
  - Hock, heel or ankle bones
- 23 What are other words for ankle?
  - Hock, heel or tarsals
- 24 Where are the tarsals located?
  - The joint below the knee
- 25 Where is the hock located?
  - The joint below the knee
- 26 What are the metatarsals?
  - Hind paw bones or foot bones
- 27 What do we call the hind paw bones?
  - Metatarsals
- 28 What are phalanges?
  - Toe bones

- 1) What is another name for toe bones?  
--Phalanges
- 2) Where is the belly located?  
--Under part of the cat
- 3) What part of the cat is not protected by bones?  
--The belly
- 4) What is the rump?  
--The rounded muscle group from tail to shank
- 5) What do we call the area from tail to shank?  
--Rump
- 6) Where is the shank located?  
--Lower part of the rump where the muscles narrow between the knee and the hock
- 7) What do we call the lower part of the rump between the knee and the hock?  
--Shank
- 8) What do we call the area between the end of the rib cage and the thigh, along the side?  
--Flank
- 9) Where is the flank located?  
--Between the end of the rib cage and the thigh along the side
- 10) What are the hindquarters?  
--From the hip back including the hind legs and tail
- 11) What do we call the area from the hips back?  
--Hindquarters
- 12) What is the tail?  
--An extension of the spine
- 13) List \_\_\_\_ function(s) of the tail.  
--Balance  
--Emotional gauge
- 14) How far does the spine extend?  
--From the skull to the tip of the tail
- 15) What does the spine's flexibility allow a cat to do?  
--Twist during a fall and land on its feet
- 16) Why is a cat able to land on its feet during a fall?  
--Its spine is flexible allowing it to twist and land on its feet
- 17) What is the opening located under the tail?  
--Rectum