

BIOLOGY

1. Which part of the Human Body stores Glycogen?

- [A] Liver
- [B] Intestine
- [C] Pancreas
- [D] Skin

Answer: A

In liver Simple sugars (monosaccharides) which are in excess are converted into complex polysaccharides like glycogen

2. Which part of the Human Body stores Glycogen?

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3. Which among the following causes Hydrophobia?

- [A] Virus
- [B] Bacteria
- [C] Protozoan
- [D] worm

Answer: A

Hydrophobia which is also known as Rabies is a viral disease that causes inflammation of the brain in humans and other mammals. Some of the early symptoms can include fever and tingling at the site of exposure.

4. With which of the following animals Galton's whistle is most commonly associated?

- [A] Horses
- [B] Dogs
- [C] whales
- [D] Shark

Answer: B

Human can listen only the frequencies below 20 kHz. However animals like dogs, cats, dolphins, bats, and mice can listen above this limit. This principle was used by Galton who produced the ultrasonic waves by blowing a whistle. For human these whistle appears silent, while dogs and cats can listen it. It is used in training of dogs and cats

5. Which among the following does not fall in the category of morbid fear or Phobia?

- [A] Claustrophobia
- [B] Photophobia
- [C] Algophobia
- [D] Anthophobia

Answer: B

Photophobia is not a fear. It is excessive sensitivity to light and the aversion to sunlight or well-lit places, Claustrophobia is fear of confined places, Algophobia is fear of pain, Anthophobia is fear of flowers.

6. Which among the following was the first vaccine ever to be developed?

- [A] Cholera
- [B] Smallpox
- [C] Rabies
- [D] Tetanus

Answer: B

Smallpox vaccine was the first vaccine ever to be developed. Smallpox is an infectious disease which is caused by one of two virus variants, Variola major and Variola minor.

7. Which among the following is most distantly related to other three animals?

- [A] Walrus
- [B] Sea Lion
- [C] Seals
- [D] Sperm whale

Answer: D

Seals, Walruses and Sea lions are Mammals belonging to a single taxonomic group (a clade) called Pinnipedia, which means fin footed. All of them are semi-aquatic marine mammals. They belong to the order Carnivora and their closest living relatives are bears. They are characterized

by modification of limbs to flippers. Pinnipeds are mammals with four flippers — one pair in front and one at the back. They are warm-blooded, nurse their young, breathe air and have hair. The sea lion has small, tiny external ear flaps. Seals have no flaps. The front flippers of sea lions are long, have no hair and nails. Seals' front flippers are short, blunt, covered with hair with nails on the ends. Sea lions can turn their hind flippers forward to move on land but seals cannot do so.

8. In human body, the main target of antidiuretic hormone is ?

- [A] Heart
- [B] Kidney
- [C] Liver
- [D] Spleen

Answer: B

The target of antidiuretic hormone is the collecting duct of the nephron. If ADH is released, less urine is excreted.

9. What is the use of Radiotherapy for the treatment of Cancer?

- [A] It destroys the tumor by destroying the Cell membranes of the Cancerous Cells
- [B] It destroys the tumor by destroying the DNA of the Cancerous Cells
- [C] It destroys the tumor by destroying the Cytoplasm of the Cancerous Cells
- [D] It destroys the tumor by destroying the spindle fibres which are used in Cell Division

Answer: B [It destroys the tumor by destroying the DNA of the Cancerous Cells]

10. How many vertebrae does a human being have ?

- [A] 33
- [B] 36
- [C] 29
- [D] 19

Answer: A

The **vertebral** column usually consists of 33 **vertebrae**: 24 presacral **vertebrae** (7 cervical, 12 thoracic, and 5 lumbar) followed by the sacrum (5 fused sacral **vertebrae**) and the coccyx (4 frequently fused coccygeal **vertebrae**).