



- 3) Which organ is affected when a person suffers from laryngeal oedema?
  - a) Nose
  - b) Sinuses
  - c) Eyes
  - d) Airways
- 4) Allergens enter the circulatory system through \_\_\_\_\_.
  - a) injection
  - b) insect sting
  - c) medication
  - d) all of them
- 5) The main waste excreted through lungs in humans is \_\_\_\_\_.
  - a) oxygen
  - b) carbon dioxide
  - c) nitrogen
  - d) water vapour
- 6) Which of these is an automatic action and instantaneous movement in response to a stimulus?
  - a) heartbeat
  - b) blood circulation
  - c) reflex action
  - d) both (b) & (c)

**V. Name the following: (6x2=12)**

- 1) The basic structural and functional unit of a kidney.
- 2) Artery that carries blood to the kidneys.
- 3) Tiny creatures present in dust, which are not visible to naked eyes.
- 4) An allergy test which is done if the results of skin test are unclear.
- 5) Organ that converts ammonia into urea.
- 6) Narrow tubes that carry urine from the kidney to the urinary bladder.

**VI. Differentiate between the following (any two): (2x2=4)**

- 1) Seasonal allergy and perennial allergy
- 2) Allergy and allergens
- 3) Cerebellum and cerebrum

**VII. Give reasons (any two): (2x3=6)**

- 1) It is more difficult to diagnose perennial allergy.
- 2) Brain is the control center of the body.
- 3) Allergy is an overreaction of body's immune system.

**VIII. Explain the following terms (any three): (3x2=6)**

- 1) Food allergen
- 2) Sweat glands
- 3) Reflex action
- 4) Dust mites
- 5) Nephron

**IX. Answer the following questions (any five): (5x5=25)**

- 1) What do you understand by cross allergy?
- 2) Write a short note on spinal cord.
- 3) What is an allergy? What are most common symptoms of allergy?
- 4) What are kidney stones?
- 5) Define excretion. Why is it important?
- 6) What are nerves? Name their types.
- 7) Write any three steps that should be taken to lessen the symptoms of allergy caused due to house dust?

**X. Draw well labelled diagram (any one): (6x1=6)**

- 1) Human excretory system.

**OR**

- 2) Longitudinal section of a kidney.

**XI. Internal assessment (5)**