

POWER PT3 CHAPTER 1

Section A.

Choose the correct answer.

1. Which of the following are the components in the human nerve system?

- I Brain
- II Nerve cell
- III Blood
- IV Skin

- A. I and II
- C. I, II and III
- B. I and III
- D. I, II, III, and IV

Answer :

2. The following are statements to explain the production of response to stimulus.

- I Nerve cells transport impulse to the brain to be interpreted.
- II Nerve cells transport information to the effector.
- III The receptor detects the response and produces impulse
- IV Response is made

- A. I, II, III and IV
- C. III, I, II and IV
- B. II, III, I and IV
- D. IV, II, I and III

Answer :

3. Which of the following is the importance of involuntary action?

- A. Prevent injury
- B. Can move freely
- C. Can use equipment easily
- D. Calling the fire brigade when there is fire.

Answer :

4. The diagram below shows the growth of the roots of balsam seedling.

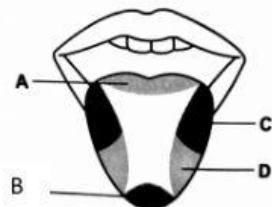


Which statement is true in explaining the growth of its root?

- A. The roots show positive thigmotropism
- B. The roots show negative hydrotropism
- C. The roots show negative phototropism
- D. The roots show negative geotropism

Answer :

5. Puan Irma has cooked green beans porridge. She wants to make sure the porridge is sweet. Which part of the tongue more sensitive to sweet?



Answer :

6. Which of the following is true about monocular vision?

- A. Has narrow field of vision
- B. Has a very large overlap area of field of vision
- C. Help animals to observe nearby predators
- D. Can estimate distance accurately to attack predators

Answer :

Section B

Question 1

(a) Match the sensory organ to the stimulus stated



Ear



Skin

Eye

(b) State TRUE or FALSE for the following statement.

| Statement | TRUE / FALSE |
|--|--------------|
| i. Image that falls on the blind spot would not be seen | |
| ii. Food will be more delicious when the nose is pinched | |

Question 2

(a) The statement below are about tropism in plant. Choose the correct tropism. (Drag and drop)

| Statement | Type of tropism |
|--|-----------------|
| Enable the plants to maintain cell turgidity | |
| Enable the plants to obtain sunlight | |

Phototropism

Hydrotropism

Geotropism

Thigmotropism

(b) Underline the correct answer for the following statements.

(i) Shoot shows positive **thigmotropism / phototropism** as it grows toward the light.

(ii) **Shoot / Root** shows negative geotropism as it is always growing upwards.