

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

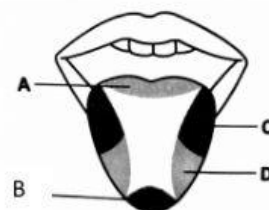


Which statement is true in explaining the growth of its root?

- A. The roots shows 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.