



BIOLOGY

BOOKS - TRUEMAN'S BIOLOGY

(ENGLISH)

NCERT Exemplar Questions +1

(NEURAL CONTROL AND

COORDINATION)

Mcqs

1. Chemicals which are released at the synaptic junction are called

A. hormones

B. neurotransmitters

C. lymph

D. cerebrospinal fluid

Answer: b



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2. Potential difference across resting membrane is negatively charged. This is due to differential distribution of the following ions.

A. Na^+ & K^+ ions

B. CO_3^{++} & Cl^- ions

C. Ca^{++} & Mg^{++} ions

D. Ca^{+4} & Cl^- ions

Answer: a



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3. Resting membrane potential is maintained by

- A. hormones
- B. neurotransmitters
- C. ion pumps
- D. none of the above

Answer: c



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4. The function of our visceral organs is controlled by

- A. Sympathetic and somatic neural system
- B. Sympathetic and para sympathetic neural system
- C. Central and somatic nervous system
- D. None of the above

Answer: b



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5. Which of the following is not involved in knee-jerk reflex ?

A. (a) Muscle spindle

B. (b) Motor neuron

C. (c) Brain

D. (d) Inter neurons

Answer: c



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6. An area in the brain which is associated with strong emotion is

- A. (a) cerebral cortex
- B. (b) cerebellum
- C. (c) limbic system
- D. (d) medulla

Answer: c



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7. Mark the vitamin present in rhodopsin

A. Vit. A

B. Vit B

C. Vit.C

D. Vit. D

Answer: a



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8. Human eye ball consists of three layers and it encloses

A. Lens, iris, optic nerve

B. Lens, aqueous humor and vitreous humor

C. Cornea, lens, iris

D. Cornea, lens, optic nerve

Answer: b



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9. Wax gland present in the ear canal is called

A. Prostate gland

B. Prostate gland

C. Cowper's gland

D. Sebaceous gland/ceruminous gland

Answer: d



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10. The part of internal ear responsible for hearing is

A. cochlea

B. semicircular canal

C. utricle

D. sacculus

Answer: a



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11. The organ of Corti is a structure present in

- A. (a) external ear
- B. (b) middle ear
- C. (c) semicircular canal
- D. (d) cochlea

Answer: c



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