



BIOLOGY

BOOKS - NDA PREVIOUS YEARS

NDA QUESTION PAPER 2021

Part B

1. Girth of stem of a plant increase due to
division cells in

A. apical meristem only.

B. lateral meristem only.

C. apical and intercalary meristem.

D. both apical and lateral meristem.

Answer:



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2. Different varieties of the same gene are called

A. Genotypes

B. Sib pairs

C. Alleles

D. Isomers

Answer:



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3. Which one of the following viruses used to be responsible for highly infectious disease Smallpox ?

A. Adenovirus

B. Variola virus

C. Aichi virus

D. Coxsackie virus

Answer:



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4. Myopia is a defect in human vision where an image of a

A. nearby object is focused beyond the retina.

B. nearby object is focused before the retina.

C. distant object is focused before the retina.

D. distant object is focused beyond the retina.

Answer:



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5. Tyndall effect is a phenomenon of

A. scattering of light by the colloidal particles.

B. radiation of light by the colloidal particles.

C. dispersion of light by dust particles.

D. refraction of light by dust particles.

Answer:



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6. Shoots of plant show upward movement and it can be designated to be

- A. Negatively phototropic
- B. Positive chemotropic
- C. Positively hydrotropic
- D. Negatively geotropic

Answer:



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7. Which one of the following statements about the process of photosynthesis is correct ?

A. Chemical energy is converted into light energy.

B. Carbon dioxide is oxidised to form carbohydrate.

C. Water molecule splits into hydrogen and oxygen.

D. Light energy is directly used to split water.

Answer:



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8. How are evergreen plants with woody stems having naked seed classified ?

A. Angiosperms

B. Monocotyledons

C. Pteridophytes

D. Gymnosperms

Answer:



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9. Which one of the following tissues is known as basic packing tissue and found in xylem and phloem ?

A. Collenchyma

B. Parenchyma

C. Sclerenchyma

D. Vessels

Answer:



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10. Cornea in human eye

A. is a light sensitive screen.

B. is a muscular diaphragm.

C. contains blood vessels.

D. is composed of proteins and cells.

Answer:



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11. What is the total number of chambers in the stomach of domestic animals like cattle, buffalo, goat and sheep?

A. Four

B. Two

C. One

D. Three

Answer:



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12. Intestinal bacteria are main source of which one of the following vitamins?

A. Vitamin E

B. Vitamin C

C. Vitamin B_{12}

D. Vitamin A

Answer:



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13. Which one of the following hormones is responsible for the development of female sexual characters?

A. Prolactin

B. Estrogen

C. Oxytocin

D. Progesterone

Answer:



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