

(a) Integrase

(b) Ligase

(c) Helicase

(d) DNA gyrase

20. Dr. Norman E. Borlaug belonged to-

(a) Spain

(b) Mexico

(c) America

(d) Austria

21. Eye of potato are -

(a) Apical buds

(b) Axillary buds

(c) Adventitious root

(d) Extra axillary bud

22. Ginger is-

(a) Modified root

(b) Modified stem

(c) Modified leaf

(d) Modified bulb

23. Cactus is referred to as-

(a) Hydrophite

(b) Mesophite

(c) Xerophyte

(d) Epiphyte

24. Agar – agar is prepared from

(a) Algae

(b) Lichens

(c) Fungi

(d) Bryophyte

25. The inflorescence of wheat is-

(a) Raceme

(b) Catkin

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(b) Auxanometer

(c) Osmometer

(d) Potometer

50. For the growth in length of plant which of the following is not essential-

(a) Sodium

(b) Calcium

(c) Nitrogen

(d) Phosphorus

51. Example of positive geotropism is-

(a) Closing of flower

(b) Upward growth of stem

(c) Downwards growth of root

(d) Lateral growth of root

52. Leaves of which of the following plants are not used for the rearing of silkworms

(a) Mulberry

(b) Castor

(c) Oak

(d) Teak

53. Water and mineral in plant is transported through-

(a) Xylem

(b) Phloem

(c) Pith

(d) Cortex

54. Number of stomata is less and sunk in-

(a) Mesophytes

(b) Halophytes

(c) Hydrophytes

(d) Xerophytes

55. Which of the following is used as rodenticide?

(a) Zinc phosphide

(b) Zinc carbonate

(c) Zinc chloride

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(d) Zinc sulphide

56. Red rot of sugarcane is caused by-

(a) *Colletotrichum falcatum*

(b) *Cercospora personata*

(c) *Alternaria alternata*

(d) *Phytophthora infestans*

57. Element playing role in nitrogen fixation-

(a) Mn

(b) Mo

(c) Zn

(d) Cu

58. Branch of science which deal with the study of skin of man-

(a) Physiology

(b) Anatomy

(c) Biochemistry

(d) Dermatology

59. Study of disease like cancer-

(a) Osteology

(b) Oncology

(c) Karyology

(d) Nephrology

60. What is vermiculture?

(a) The science of raising worms

(b) The science of studying

(c) The science of killing worms

(d) None of these

61. Which of the following have coral reefs?

1. Andaman and Nicobar Island

2. Gulf of Kachchh

3. Gulf of Mannar

4. Sundarbans

Select correct answer using code:

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- (c) Lower jaw
- (d) None

68. The most poisonous snake is-

- (a) Rattle snake
- (b) Python
- (c) Krait
- (d) Tree snake

69. The snake who make their nest-

- (a) Chain viper
- (b) King cobra
- (c) Krait
- (d) Shaw scaled vipar

70. Dolphins are classified under-

- (a) Pices
- (b) Amphibian
- (c) Reptile
- (d) Mammal

71. Substance found in blood which help in clotting –

- (a) Fibrinogen
- (b) Heparin
- (c) Thrombin
- (d) Globine

72. Which of the following gland is responsible for the secretion of insulin.

- (a) Pituitary
- (b) Pineal
- (c) Thymus
- (d) Pancrease

73. The sense of balance is achieved by:

- (a) Carebellum equilibrium
- (b) Thalamus equilibrium
- (c) Cerebrum equilibrium
- (d) Spinal equilibrium

- (a) Mullar
- (b) Meghnath Sha
- (c) Stepham Hawking
- (d) Watson and Crick

161. August Weisman proposed –

- (a) Natural selection theory
- (b) Germ plasm theory
- (c) Modern synthetic theory
- (d) Inheritance of acquired character

163. The 'red data book' containing information on all wild plant and animals which is in danger of extinction has been published by which one of the following?

- (a) International union for conservation of nature and natural Resources (IUCN)
- (b) World Wild life Fund (WWF)
- (c) World Conservation Union (WCU)
- (d) United National union Program (UNEP)

164. Consider the following regions of India-

1. Western Ghat
2. Aravali Hills
3. Eastern Himalayas

Which of the above is /are biodiversity hot spot/hot spots

- (a) 1 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

165. Which of the following is largest biosphere reserves of India-

- (a) Kanjiranga
- (b) Sundarban
- (c) Bandipur
- (d) Periyar

166. Which of the following is a Biological method of soil conservation?

- (a) Contour farming
- (b) Contour terracing