



# BIOLOGY

## BOOKS - JNAN PUBLICATION

### CONTROL AND COORDINATION IN LIVING ORGANISM

#### Exercise

1. Chemonastic movement is found in

A. Mimosa

B. Sunflower

C. Oxalis

D. Drosera

**Answer:**



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2. Which of the following fruit is not used as a parthenocarpic fruit? 1.Lemon 2.Banana  
3.Grapes 4.Jackfruit

A. Lemon

B. Banana

C. Grapes

D. Jackfruit

**Answer:**



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**3.** Which of the following movement is shown in Sunflower? 1.Geotropic 2.Hydrotropic 3.Phototropic 4.Chemotactic

A. Geotropic

B. Hydrotropic

C. Phototropic

D. Chemotactic

**Answer:**



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**4. Who discovered the sensitivity of plant?**

A. J.C.Bose

B. Darwin

C. Went

D. Pavlov

**Answer:**



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**5. Which type of movement show in VOLVOX?**

A. Phototropic

B. Phototactic

C. Thermonastic

D. Geotropic

**Answer:**



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**6. Which of the following show Seismonastic movement :**

A. *Maranta leuconeura*

B. *Mimosa pudica*

C. Sunflower

D. Cestrum Nocturnum

**Answer:**



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7. Which of the following hormone is secreted from hypothalamus?

A. TRH

B. TSH

C.  $T_4$

D.  $T_3$

**Answer:**



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**8. Which type of movement found in tulip?**

A. Phototropic

B. Photonastic

C. Thermonastic



D. Hydrotropic

**Answer:**



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9. Seed germination is induced by which hormone?

A. Auxin

B. Gibberelic acid

C. Cytokinin

D. ABA

**Answer:**



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**10.** Diabetes insipidus is caused by the deficiency of

A. Thyroxine

B. ADH

C. Insulin

D. GTH

**Answer:**



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**11.** Which of the endocrine gland is deciphered as Master Gland?

A. Pituitary

B. Hypothalamus

C. Thalamus

## D. Pancreas

**Answer:**



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**12. Pituitary gland does not secrete: 1.LH 2.GH  
3.Thyroxine 4.Prolactin**

A. LH

B. GH

C. Thyroxine

D. Prolactin

**Answer:**



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**13.** Dwarfism is seen mainly due to less secretion of: 1.GTH 2.Insulin 3.FSH 4.GH

A. GTH

B. Insulin

C. FSH

D. GH

**Answer:**



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**14. Blood pressure is increased by:**

A. Glucagon

B. Insulin

C. Nor-epinephrine

D. Somatostatin

**Answer:**



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**15. Islet of Langerhans found in:**

A. Testis

B. Ovary

C. Pancreas

D. Adrenal gland

**Answer:**



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16. Cretinism is due to less production of:

1.Thyroxine 2.Testosterone 3.GH 4.ADH

A. Thyroxine

B. Testosterone

C. GH

D. ADH

**Answer:**





17. Which hormone is secreted from middle pituitary? 1.GH 2.ADH 3.TSH 4.MSH

A. GH

B. ADH

C. TSH

D. MSH

**Answer:**



**18.** Which endocrine gland is called as a "Band Master of endocrine orchestra"? 1.Pancreas  
2.Pituitary 3.Hypothalamus 4.Thalamus

A. Pancreas

B. Pituitary

C. Hypothalamus

D. Thalamus

**Answer:**



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19. ACTH is secreted from

A. Thyroid

B. Pituitary

C. Adrenal gland

D. Gonads

**Answer:**



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20. Which hormone delay leaf senescence?

A. IAA

B. ABA

C. Gibberellin

D. Cytokinin

**Answer:**



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21. Which is the natural auxin?

A. IPA

B. IAA

C. 2,4-D

D. NAA

**Answer:**



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**22.** Which of the following is not the symptoms of Graves diseases:

- A. Diabetes mellitus
- B. BMR increase
- C. Enlargement of Thyroid
- D. All of these

**Answer:**



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**23. Where is image formed in eye?**

- A. Cornea

B. Pupil

C. Lens

D. Retina

**Answer:**



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**24.** The balance organ of brain is

A. Cerebellum

B. Hypothalamus

C. Fore brain

D. Pons

**Answer:**



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**25. Where is node of ranvier located?**

A. Cell body

B. Myclinated axon

C. Synapse



D. Dendrite

**Answer:**



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**26.** Which of the is assocaited with schwann cell?

A. Dendrite

B. Cell

C. Axona

D. Synapse

**Answer:**



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**27. Exocrine gland secretes:**

A. Enzymes

B. Vitamin

C. Neurotransmitter

D. Hormone

**Answer:**



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**28.** Which of the following is the local hormone: 1.ACTH 2.Insulin 3.Prostaglandin 4.Glucagon

A. ACTH

B. Insulin

C. Prostaglandin

D. Glucagon

**Answer:**



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**29.** Water balance of the body is maintained

by: 1.GnRH 2.ADH 3.LH 4.FSH

A. GnRH

B. ADH

C. LH

D. FSH

**Answer:**



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**30.** Which of the following is the local hormone: 1.ACTH 2.Insulin 3.Prostaglandin 4.Glucagon

A. ACTH

B. Prostaglandin

C. Glucagon

D. Insulin

**Answer:**



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**31. A neurohormone is: 1.GnRH 2.ADH 3.LH  
4.FSH**

A. GnRH

B. ADH

C. LH

D. FSH

**Answer:**



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**32.** Glucagon is secreted from: 1.Thyroid  
2.Gonad 3.Islet of Langerhans 4.Pituitary

A. Thyroid

B. Gonad

C. Islet of Langerhans

D. Pituitary

**Answer:**



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**33.** Enlargement of thyroid is the symptom of the disease

A. Goitre

B. Dwarfism

C. diabetes insipidus

D. Diabetes mellitus



**Answer:**



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**34. Where is Rod and cones situated? 1.Cornea  
2.Iris 3.Retina 4.Sclera**

A. Cornea

B. Iris

C. Retina

D. Sclera

**Answer:**



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**35.** Cerebrum is the part of

- A. Hind brain
- B. Mid brain
- C. Spinal cord
- D. Fore brain

**Answer:**



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**36.** Which one is mixed gland?

- A. Tear gland
- B. Cerebellum
- C. Pituitary
- D. Pancrease

**Answer:**



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37. Which of the following is not a covering of neuron?

A. Endoneurium

B. Ganglion

C. Perineurium

D. Epineurium

**Answer:**



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**38.** Which of the following is not a glial cell?

A. Neuron

B. Astrocytes

C. Microglia

D. Oligodendrocytes

**Answer:**



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**39.** Locomotion is not seen in:

A. Amoeba

B. Euglena

C. Sponge

D. Paramecium

**Answer:**



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**40.** Locomotion of human is executed through mainly:

- A. Trunk
- B. Fore limb
- C. Both hands
- D. Hind limbs

**Answer:**



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**41.** Locomotion of Amoeba through:

1.Pseudopodia 2.Cillia 3.Flagella 4.Remiges

A. Pseudopodia

B. Cillia

C. Flagella

D. Remiges

**Answer:**



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42. Example of ball and socket joint: 1.Knee joint 2.Elbow joint 3.Hip joint 4.Skull

A. Knee joint

B. Elbow joint

C. Hip joint

D. Skull

**Answer:**



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**43.** Which of the following helps to maintain equilibrium? 1. Medulla 2. Cerebral cortex  
3. Cerebellum 4. Midbrain

A. Medulla

B. Cerebral cortex

C. Cerebellum

D. Midbrain

**Answer:**



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**44.** How many types of fins are present in fish for locomotion?

A. 5

B. 6

C. 7

D. 9

**Answer:**



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**45.** The surface area of wings is increased in bird by the help of

- A. Remiges
- B. Restrices
- C. Pectoralis major
- D. Pectoralis minor

**Answer:**



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**46.** Which gland is situated on top of kidney?

1.Thyroid 2.Adrenal 3.Thymus 4.Parathyroid

A. Thyroid

B. Adrenal

C. Thymus

D. Parathyroid

**Answer:**



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**47.** The name of the locomotory organ Euglena is : 1.Cilia 2.Setae 3.Flagella 4.Pseudopodia

A. Cilia

B. Setae

C. Flagella

D. Pseudopodia

**Answer:**



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**48.** Bipedal locomotion is found in: 1.Fish  
2.Cockroach 3.Dogs 4.Human

A. Fish

B. Cockroach

C. Dogs

D. Human

**Answer:**



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**49.** Triceps helps in: 1.Extension 2.Flexion  
3.Abduction 4.Adduction

A. Extension

B. Flexion

C. Abduction

D. Adduction

**Answer:**



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50. Which of the following is not the causative factors for locomotion: 1.Finding food  
2.Dispersal 3.Shelter 4.Digestion

A. Finding food

B. Dispersal

C. Shelter

D. Digestion

**Answer:**



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51. Where myotome muscles are seen?

1.Monkey 2.Crabs 3.Fish 4.Human

A. Monkey

B. Crabs

C. Fish

D. Human

**Answer:**



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52. Which of the following is not a sensory nerve? 1.Vagus 2.Auditory 3.Olfactory 4.Optic

A. Vagus

B. Auditory

C. Olfactory

D. Optic

**Answer:**



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53. Which of the following is not a flight muscle of bird? 1.Piriformis 2.Pectoralis minor 3.Pectoralis major 4.Coraco brachialis

A. Piriformis

B. Pectoralis minor

C. Pectoralis major

D. Coraco brachialis

**Answer:**



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54. Which of the following is not a gonadal hormones? 1.adrenaline 2.Testostrerone 3.Progesterone 4.Oestrogen

- A. adrenaline
- B. Testostrerone
- C. Progesterone
- D. Oestrogen

**Answer:**



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55. Which of the following is not secreted by the basophilic cells of pituitary gland? 1.ACTH  
2.GH 3.TSH 4.FSH

A. ACTH

B. GH

C. TSH

D. FSH

**Answer:**



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56. Which of the following is not a disease of abnormal secretion of growth hormone?

- 1.Cretinism      2.Acromegaly      3.Gigantism  
4.Dwarfism

A. Cretinism

B. Acromegaly

C. Gigantism

D. Dwarfism

**Answer:**



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57. The number of cranial nerves are:

A. 31

B. 31 pairs

C. 24 pairs

D. 12 pairs

**Answer:**



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58. Which among the following is a rotator muscle:

A. Subscapularis

B. Deltoid

C. Triceps

D. Biceps

**Answer:**



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59. Bifocal lens is required in: 1.Cataract  
2.Hypermetropia 3.Myopia 4.Presbyopia

A. Cataract

B. Hypermetropia

C. Myopia

D. Presbyopia

**Answer:**



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60. Helps in transformation from tadpole to adult toad: 1.GH 2.ACTH 3.Thyroxine 4.TSH

A. GH

B. ACTH

C. Thyroxine

D. TSH

**Answer:**



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61. Anti - ketogenic hormone is :

A. Testosterone

B. ACTH

C. Glucagon

D. Somatostatin

**Answer:**



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62. Calorigenic hormone is: 1.Thyroxine  
2.Glucagon 3.Insulin 4.Somatostatin

A. Thyroxine

B. Glucagon

C. Insulin

D. Somatostatin

**Answer:**



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**63.** Which of the following is not a layer of eye ball? 1.Sclera 2.Lens 3.Retina 4.Choroid

A. Sclera

B. Lens

C. Retina

D. Choroid

**Answer:**



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**64.** The amount of CSF in adult human is: 1.300 ml 2.250ml 3.150 ml 4.100 ml

A. 300 ml

B. 250ml

C. 150 ml

D. 100 ml

**Answer:**



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65. Which of the following is not a part of meninges? 1.Grey matter 2.Arachnoid mater 3.Dura mater 4.Pia mater

A. Grey matter

B. Arachnoid mater

C. Dura mater

D. Pia mater

**Answer:**



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**66.** Which of the following is not treated as a refractory medium in eye: 1.Aqueous humor  
2.Lens 3.Vitreous humor 4.Pupil

A. Aqueous humor

B. Lens

C. Vitreous humor

D. Pupil

**Answer:**



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67. Which of the following is not a function of cytokinin? 1.Delay Senescence 2.Lateral bud growth 3.Promotes cell division 4.Stem elongation

- A. Delay Senescence
- B. Lateral bud growth
- C. Promotes cell division
- D. Stem elongation

**Answer:**



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68. Milk secretion and ejection is controlled by:

- A. Testosterone and Prolactin
- B. Testosterone and Oestrogen
- C. Prolactin and Oxytocin
- D. Oestrogen and Oxytocin

**Answer:**



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**69.** Give example of neurohormone:

A. Prolactin

B. Progesterone

C. Oxytocin

D. Testosterone

**Answer:**



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70. Which of the following is a function of ADH. 1.Stimulating the interstitial cells of Leydig 2.Increase of heart rate 3.Stimulates glycogenesis 4.rises blood pressure

A. Stimulating the interstitial cells of Leydig

B. Increase of heart rate

C. Stimulates glycogenesis

D. rises blood pressure

**Answer:**



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71. The little gap between the two neurons is called \_\_\_\_ .



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72. \_\_\_\_ helps in the exchange of nutrients and waste products between nerve tissue and blood.



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73. \_\_\_\_\_ is covering of brain.



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74. The secretion of lacrimal gland is \_\_\_ .



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75. \_\_\_\_\_ has maximum refractory power of eye.



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76. Diabetes insipidus is developed by the deficiency of \_\_\_\_ .



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77. \_\_\_\_ gives negative feedback for inhibiting the secretion of TSH on anterior pituitary.



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78. \_\_\_\_\_insufficient secretion develop

Diabetes mellitus.



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79. Gibberellin hormone is discovered  
by\_\_\_\_\_ .



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**80.** One example of \_\_\_\_\_ movement is the drooping down of leaflets of *Mimosa pudica* when the leaf is subjected to sudden touch.



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**81.** In a plant, leaves are placed at right angles to the direction of light source and are called \_\_\_\_\_ phototropic.



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**82.** \_\_\_\_ roots grow at right angles to the gravity.



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**83.** The root portion grows away from the direction of light, so the shoots are called \_\_\_\_phototropic.



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**84.** \_\_\_\_\_ discovered the sensitivity in plants first time.



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**85.** \_\_\_\_\_ are gravity sensitive inclusions present in statocytes of certain plant organ.



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**86.** In controlling phototropic and geotropic movements in plants\_\_\_\_\_plays a important role.



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**87.** \_\_\_prevents drainage of nutrients from mature leaves to delay leaf senescence.



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88. Tulip flower closes when \_\_\_\_\_ falls.



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89. Dormancy in seeds and buds are break by \_\_\_\_\_.



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90. \_\_\_\_\_ produce elongation of stem by increasing the length of internodes in plants.



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91. The shoot portion grows towards the direction of light, so the shoot is called \_\_\_\_phototropic.



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92. \_\_\_\_\_ is plant movement induced by light.



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93. Negative \_\_\_\_\_ is, stem grow away from the gravitational force.



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94. The shoots grow away from the source of water are said to be positively \_\_\_\_\_ .



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95. The formation of seedless fruit under the influence of auxin is known as \_\_\_ .



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96. Suprarenal glands are \_\_\_\_\_ .



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97. Corpus luteum secretes



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98. Synthetic \_\_\_\_herbicides have been developed and used for weed control.



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99. Myelin sheath is produced by



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100. \_\_\_\_\_ protects the chroid of eye.



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101. \_\_\_\_\_ regulates the curvature of lens.



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102. Pavlov performed an experiment on \_\_\_\_\_ reflex action.



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**103.** The complete neural pathway involved for reflex action is called\_\_\_\_\_ .



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**104.** \_\_\_ type of vision is shown in Deer.



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**105.** Respiratory control centre present in the \_\_\_\_\_ .



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106. \_\_\_\_ is the outermost covering of neurone.



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107. At regular interval, the nerve fibre possesses constriction of myelin sheath known as \_\_\_\_\_ .



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**108.** Rhodopsin present in the \_\_\_\_\_ .



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**109.** \_\_\_\_\_ is the inner most membrane of brain.



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**110.** Primary and accessory sex organs formation in male is stimulated by \_\_\_\_\_ .



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**111.** Write "Yes" or "No"

Simple reflex does not require interneurons.



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**112.** Write "Yes" or "No"

Less secretion of STH/GH leads to Acromegaly



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**113.** Write "Yes" or "No"

Owl vision is not monocular type.



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**114.** Write "Yes" or "No"

Glucagon stimulates the storage of triglyceride in liver.



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**115.** Write "Yes" or "No"

Posterior pituitary secretes oxytocin and vasopressin



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**116.** Write "Yes" or "No"

Synthetic auxin and Synthetic gibberellin are artificial hormones



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**117.** Write "Yes" or "No"

Gibberellin have no such roles in seed germination.



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**118.** Write "Yes" or "No"

Flower of Tulip open when it is subjected to sudden temperature.



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**119.** Write "Yes" or "No"

Waterlily shows chemonastic movement.



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**120.** Write "Yes" or "No"

Cytokinin accelerates leaf senescence



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**121.** Write "Yes" or "No"

Graafian follicles secrete oestrogen.



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**122.** Write "Yes" or "No"

TRH secreted from the anterior pituitary



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**123.** Write "Yes" or "No"

Endocrine Glands release their secretions directly into the intercellular fluid or into the blood because they have no duct.



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**124.** Write "Yes" or "No"

Blood glucose level increases by GH



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**125.** Write "Yes" or "No"

Contradictory interplay between Insulin and Glucagon regulate the blood sugar level.



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**126.** Write "Yes" or "No"

Neuroglial cell has the ability to divide.



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**127.** Write "Yes" or "No"

Nissil granules found only in soma of nerve cell



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**128.** Write "Yes" or "No"

Synovial fluid lubricates the joints and prevents mechanical friction



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**129.** Write "Yes" or "No"

Paramecium shows flagellar movement



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**130.** Write "Yes" or "No"

Retrices are contour feathers attached with tails of bird



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**131.** Write "Yes" or "No"

Uterus are prepared for implantation by Progesterone



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**132.** Write "Yes" or "No"

"Hormone of Emergency" is the other name of thyroxine.



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**133.** Write "Yes" or "No"

Chroid is the most outer layer of eye ball.



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**134.** Write "Yes" or "No"

Cow has binocular vision



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**135.** Write "Yes" or "No"

Remiges are the contour feathers present on the border of wings.



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**136.** Write "Yes" or "No"

Synthetic auxin induces Parthenocarpy.



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**137.** Write "Yes" or "No"

Interstitial cells of Leyding secretes

Testosterone.



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**138.** Write "Yes" or "No"

Lateral growth of plants are stimulated by  
Auxin



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**139.** Write "Yes" or "No"

Endocrine glands of plant secretes plant  
hormone



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**140.** Write "Yes" or "No"

For distant object accommodation, Ciliary muscles relaxes as a result the lens becomes thin and Focal length of the lens increased.



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**141.** Write "Yes" or "No"

Cerebellum controls respiration



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**142.** Write "Yes" or "No"

GH and STH are same.



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**143.** Write "Yes" or "No"

Testosterone helps in spermatogenesis



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**144.** Write "Yes" or "No"

Fishes change the direction by caudal fin

which acts as rudder during swimming



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**145.** Write "Yes" or "No"

Elbow joint is a ball and socket type of joint



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**146.** Write "Yes" or "No"

Conduction speed in neuron is increases by

Myelin sheath



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**147.** Write "Yes" or "No"

Ganglion found in CNS



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**148.** Write "Yes" or "No"

The weight of adult human brain is about  
1200-1400g



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**149.** Write "Yes" or "No"

Auxin is an example of a plant hormone that promotes growth.



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**150.** Write "Yes" or "No"

Neurone and glial cells is the structural and functional unit of nervous system.



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**151.** Write "Yes" or "No"

Sclera is the innermost layer of eye ball.



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**152.** Match the column:

| 4. Left column           | Right column |
|--------------------------|--------------|
| 1. Geotropic movement    | (a) Water    |
| 2. Phototropic movement  | (b) Touch    |
| 3. Seismonastic movement | (c) Gravity  |
| 4. Hydrotropic movement  | (d) Light    |



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153. Match the column:

| 6. Left column           | Right column             |
|--------------------------|--------------------------|
| 1. Cerebellum            | (a) 10 billions          |
| 2. Number of dendrons    | (b) 12 pairs             |
| 3. Cranial nerves        | (c) Control body posture |
| 4. Number of glial cells | (d) many                 |



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154. Match the column:

| 7. Left column                     | Right column |
|------------------------------------|--------------|
| 1. Positive geotropic movement     | (a) Root     |
| 2. Photonastic movement            | (b) Stem     |
| 3. Transversely geotropic movement | (c) Flower   |
| 4. Negative geotropic movement     | (d) Leaves   |



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## Example

1. Mention a function of ADH.



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2. What is the function of Epinephrine/Adrenaline.



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3. Mention the function of insulin.



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4. Give a function testosterone.



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5. Write a function of estrogens.



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6. Which endocrine gland secretes ADH?



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7. Mention the full name of STH.



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8. Write the full name of TSH.



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9. What is the full name of LH.



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10. Write the full name of GH.



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11. Which hormone/hormones are secreted from adrenal gland?



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**12.** Which hormones secrete from ovary?



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**13.** Which gland is called master gland?



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**14.** Which hormone increases BMR?



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**15.** The external stimuli of tactic movement of plants are.



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**16.** What is the function of Gibberellin.



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17. Name the hormone used for parthenocarpy?



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18. What is Responsive region of plants?



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19. Explain response.



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20. Discoverer of plants sensitivity is.



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21. What is Perceptive sensitivity of plants?



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22. Hormone that promotes root growth only at low concentration is.



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**23.** Write down a function of Cytokinin.



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**24.** What is the function of auxin?



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**25.** Which is the hormone of emergency?



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**26.** Write the name of another mixed gland except of pancreas?



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**27.** Hormone that secreted from the testis.



**Watch Video Solution**

**28.** Which hormones are secreted from the pancreas.



**Watch Video Solution**

**29.** Mention the full name of ACTH.



**Watch Video Solution**

**30.** Give the full name of FSH.



**Watch Video Solution**

**31.** Mention the full name of GTH.



**Watch Video Solution**

**32.** Write the full name of MSH.



**Watch Video Solution**

**33.** Mention the full name of ICSH.



**Watch Video Solution**

**34.** Insufficiency of which hormone is responsible for development of Diabetes Mellitus?



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**35.** Mention the function of progesterone.



**Watch Video Solution**



**36.** Write a function of glucagon.



**Watch Video Solution**

**37.** Give a function of LH.



**Watch Video Solution**

**38.** State a function of thyroxine.



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**39.** How can Presbyopia be corrected?



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**40.** Which type of granules found only in neurone?



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**41.** Which type of lens can correct Hypermetropia?



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**42.** Example of neurotransmitter.



**Watch Video Solution**

**43.** Myopia can be corrected by wearing which type of lens?



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**44.** How many cranial nerves are found in human CNS?



**Watch Video Solution**

**45.** Which part connects the two cerebral hemispheres?



**Watch Video Solution**

**46.** How many pairs of spinal nerves are found in a human?



**Watch Video Solution**

**47.** Mention the weight of adult human brain.



**Watch Video Solution**

**48.** What are valves?



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**49.** Write the three layered membrane of brain.



**Watch Video Solution**

**50.** Mention two examples of sensory/afferent nerve.



**Watch Video Solution**

**51.** Give a task of Medulla oblongata.



**Watch Video Solution**

**52.** State two examples of motor/efferent nerve.



**Watch Video Solution**

**53.** Give a role of spinal cord.



**Watch Video Solution**

**54.** Write two examples of mixed nerve.



**Watch Video Solution**

**55.** Give a function Pons.



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**56.** Write a function of Cerebral cortex.



**Watch Video Solution**



**57.** State a role of mid brain.



**Watch Video Solution**

**58.** Give a function of Cerebellum.



**Watch Video Solution**

**59.** Write a function of Hypothalamus.



**Watch Video Solution**

**60.** Mention a function of Thalamus.



**Watch Video Solution**

**61.** What are Schwann cells?



**Watch Video Solution**

**62.** Which type of locomotion seen in  
Paramecium?



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**63.** Mention one symptom of dwarfism.



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**64.** Which organ is used in amoeboid locomotion?



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**65.** Give full name of ADH.



**Watch Video Solution**

**66.** Write down the name of the membrane which covered the bone joints?



**Watch Video Solution**

**67.** Which gland secretes prolactin?



**Watch Video Solution**

**68.** Give the name of the fluid that lubricates the bone joint?



**Watch Video Solution**

**69.** Mention the full name of STH.



**Watch Video Solution**

**70.** State an example of Adductor muscles.



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**71.** Write the name of an adductor muscles.



[Watch Video Solution](#)

**72.** From which gland GTH is secreted?



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**73.** Give the example of Rotator cuff muscles.



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**74.** Name the precursor of IAA synthesis.



**Watch Video Solution**

**75.** Give the example of Rotator cuff muscles.



**Watch Video Solution**

76. Which hormone is used in apical dominance in plants?



**Watch Video Solution**

77. Give an example of an Extensor muscles.



**Watch Video Solution**

78. Give the full name of IAA.



**Watch Video Solution**



**79.** Mention an example of seismonastic movement in plant.



**Watch Video Solution**

**80.** What types of nastic movement is shown by Tulip?



**Watch Video Solution**

**81.** Write the secondary plants organ where transversely geotropic movement is found.



**Watch Video Solution**

**82.** Name the types of tropic movement.



**Watch Video Solution**

**83.** What is accommodation?



**Watch Video Solution**

**84.** What are dendrites?



**Watch Video Solution**

**85.** Heart rate is controlled by which part of the brain?



**Watch Video Solution**

**86.** What is nastic movement?



**Watch Video Solution**

**87.** What is stimulus? Give examples?



**Watch Video Solution**

**88.** What do you mean by Thermonastic movement of plant? Give example.



**Watch Video Solution**

**89.** What is photonastic movement? Write down its example.



**Watch Video Solution**

**90.** State the functions of auxin.



**Watch Video Solution**

**91.** What do you mean by geotropic movement?



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**92.** What do you understand by hydrotropic movement?



[Watch Video Solution](#)

**93.** What is Seismonastic movement? Write down its example.



[Watch Video Solution](#)

**94.** Write two example of auxin which are used in agriculture?



**Watch Video Solution**

**95.** Write the definition, symptoms and cause of diabetes mellitus?



**Watch Video Solution**

**96.** What is endocrine gland? Write an example.



**Watch Video Solution**

**97.** State the two functions of gibberellines.



**Watch Video Solution**

**98.** Write about the chemonastic movement of plant with example.





**Watch Video Solution**

**99. State Parthenocarpy.**



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**100. Write two function of cytokinin?**



**Watch Video Solution**

**101.** Write about chemical nature of three phytohormones (Plant hormones).



**Watch Video Solution**

**102.** Write about Hypermetropia. How it is corrected?



**Watch Video Solution**

**103.** What is conditioned reflex action? Give two examples.



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**104.** State about reflex action? Write example.



**Watch Video Solution**

**105.** What is blind-spot?



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**106.** What is synapse? What is its function?



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**107.** Write any one function of each of cerebrum, cerebellum and medulla oblongata.



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**108.** What is diabetes insipidus?



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**109.** From where are thyroxine and thyroid stimulating hormone secreted?



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**110.** What is reflex arc?



[Watch Video Solution](#)

**111.** What do you know about Inborn/Hereditary/Unconditioned reflex actions? Give examples.



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**112.** Write about myopia and its correction.



**Watch Video Solution**

**113.** Write down the causes of the formation of cataract and its prevention.



**Watch Video Solution**

**114.** What is presbyopia? How it can be corrected?



**Watch Video Solution**

**115.** From where STH gets secreted?



**Watch Video Solution**

**116.** What is the function of insulin?



**Watch Video Solution**

**117.** Write a function of glucagon.



**Watch Video Solution**



**118.** From where GTH are secreted? State the functions of the same.



**Watch Video Solution**

**119.** Define hormone. State the characteristics of hormone.[2+3]



**Watch Video Solution**

**120.** Describe the role of Auxin, Cytokinin and Gibberellin.



**Watch Video Solution**

**121.** Describe the nastic movements with example.



**Watch Video Solution**

**122.** What is presbyopia?



[Watch Video Solution](#)

**123.** State the cause of cataract. How to prevent cataract?



[Watch Video Solution](#)

**124.** Differences between the tactic, tropic and nastic movement.



[Watch Video Solution](#)

**125.** Describe the tropic movements of plants.



**Watch Video Solution**

**126.** Write the different types of reflex action.



**Watch Video Solution**

**127.** What do you mean by locomotion?

Discuss about the cerebellum and inner ear with respect of human locomotion.





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**128.** What is myelin sheath.



[Watch Video Solution](#)

**129.** What is cornea?



[Watch Video Solution](#)

**130.** What is Sclera?





[Watch Video Solution](#)

**131.** What is the lens in eye?



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**132.** Discuss the humour found in eyes.



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**133.** What do you mean by Ciliary body of eye.





[Watch Video Solution](#)

**134.** What do you mean by pupil?



[Watch Video Solution](#)

**135.** What is retina?



[Watch Video Solution](#)

**136.** Discuss in brief about the movable joints in human being.



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**137.** What is flexion?



**Watch Video Solution**

**138.** What is extension?



**Watch Video Solution**



**139.** What is the medial and lateral rotation?



**Watch Video Solution**

**140.** Give the example of Rotator cuff muscles.



**Watch Video Solution**

**141.** Write the short note on cerebrum.



**Watch Video Solution**

**142.** State the difference between locomotion and movement.



**Watch Video Solution**

**143.** Cerebellum control posture and equilibrium.



**Watch Video Solution**

**144.** State the function of inner ear to maintain the equilibrium.



**Watch Video Solution**

**145.** Describe briefly the locomotion process of human being.



**Watch Video Solution**

**146.** What is ADH? From where it get secreted?

State the function of this hormone.



**Watch Video Solution**

**147.** State the function of prolactin. What is the origin of it?



**Watch Video Solution**

**148.** What is difference between plant hormone and animal hormone?



**Watch Video Solution**

**149.** Write the difference between endocrine and exocrine gland.



**Watch Video Solution**

**150.** Write the difference between TSH and Thyroxine.



**Watch Video Solution**

**151.** Write the comparison between Oestrogen and Progesteron.



**Watch Video Solution**

**152.** State the difference between Nervous and Endocrine system.



**Watch Video Solution**

**153.** Write the difference between abduction and adduction.



**Watch Video Solution**

**154.** Describe in details about the feedback control and hormone regulations.



**Watch Video Solution**

**155.** Difference between hormone and nervous system.



**Watch Video Solution**



**156.** What is reflex action? Explain it with example.[2+3]



**Watch Video Solution**

**157.** What do you mean by Ganglion?



**Watch Video Solution**

**158.** What do you mean by Diabetes Insipidus?



**Watch Video Solution**

**159.** State the different parts of reflex arc.



**Watch Video Solution**

**160.** State the difference between Oestrogen and Testosterone.



**Watch Video Solution**

**161.** What is secreted from islets cells?



**Watch Video Solution**

**162.** Describe the structure of neuron in brief.



**Watch Video Solution**

**163.** Classify hormone in chemical format.



**Watch Video Solution**

**164.** Draw a diagram of the vertical section of human eye and label any six parts.



**Watch Video Solution**

**165.** Describe the structure of neuron in brief.



**Watch Video Solution**

**166.** Describe retina in brief.



**Watch Video Solution**

**167.** Mention the types of humour found in eye. Explain them.



**Watch Video Solution**

**168.** Explain Sclera of eye briefly.



**Watch Video Solution**