

Adolescence

questions answers

1. What is the age of puberty?
2. What are the changes take place during puberty in boys and girls?
3. Name the male and female sex hormones and what are their functions?
4. Why do we have pimples and acne on our face during puberty?
5. Which type of food should we need during puberty and not? Also state why? Define hormone
6. What is the master gland of our body? Why is it called so? What is the other feature of the gland?
7. What are the functions of thyroxine hormone?
8. Which hormone and chemical is responsible for metamorphism?
9. Make a list of endocrine glands and their chemicals
10. Name the diseases caused by over and less secretion of growth hormone
11. Write down the features of hormone
12. Which hormone is secreted when you are in anxiety
13. Describe the changes take place in voice during puberty
14. Which endocrine gland is called smallest gland?
15. What is the term used for secretion s of endocrine glands?
16. What is menstruation? What term is given to beginning of menstruation?
17. How will tadpoles be affected is insufficient iodine in water where they live
18. Why should teenagers maintain proper personal hygiene
19. List three methods of spread of HIV virus which causes AIDs.
20. Why is voice box so prominent in adolescent boys?
21. Pituitary gland controls the functioning of all other glands. Explain giving example
22. A diabetic take injection. Identify the content of the injection and its source. Write its role in controlling diabetes.
23. How does a body adjust itself to situation of anger and anxiety

24. Justify that there are equal chances of birth of a female child
25. Name the mechanism involved in maintaining concentration of a hormone in blood
26. Name the gland which control blood sugar level
27. Some individuals in human population are lacking X chromosome of father. Justify the statement with the help of a schematic diagram and identify the sex of these individual.
28. Pancreas is said to be both an exocrine and endocrine gland. explain and name the hormones too.
29. name the sex hormones present in males and females
30. Who is responsible for determining the sex of the child? With the help of the diagram explain your answer
31. Give the target site for the following
 - a) Insulin
 - b) adrenaline
 - c) testosterone
32. Why is iron rich food needed by adolescent
33. Adolescent need to maintain proper hygiene. Give reason
34. show metamorphosis in frog giving a diagram
35. Generally some of teenagers readily come under bad influence under peer group pressure
 - a) Why do teenagers come readily under this influence?
 - b) Suggest methods to overcome such problems
36. Define sexual characters
37. What's happened when egg is fertilized and egg is not fertilized
38. Name the hormone that help in metamorphosis in frog
39. Name any two common changes that take place in both male and female individual during adolescence.
40. Mohan collected some worm like creatures along with a twig and kept them in a jar. To his surprise the worm like creatures changed into the jar.
41. Name the sex hormone released in males
42. Define adolescence. When does it occur in human life span? Mention any three physical changes seen in an adolescent boy.

43. Poonam, a 13-year-old girl, experiences mood swings too often. What could be the possible reason for these emotional changes.

44. Describe the menstrual cycle with a help of a flow chart.

45. A man reports to the doctor with a blood test report which specifies high blood glucose levels. Abnormal levels of which hormones specify the given condition. Also write the gland involved in its production.

46. Eggs-caterpillar-hormone-----adult moth

Eggs-...-----Thyroxine-----frog

47. What would happen if iodine concentration in water having frog decreases?

48. Differentiate between sweat gland and thyroid gland in terms of

- a) Type of gland
- b) Name of secretion
- c) Site of action

49. Why are endocrine glands called as ductless glands?

50. Write the full forms of AIDS and HIV

51. Name the endocrine gland and hormone for the following

- a) Proper mental development
- b) Conversion of food to glucose
- c) Maintenance of salt balance
- d) Help to cope with stress
- e) Maturation of sperms

52. What are sex hormones? Why are they called so

53. A diabetic takes injection. Identify the content of the injection and its source. Write its role in controlling diabetes

54. List three methods of spread of HIV virus which causes AIDS.

Define

1. Metamorphosis

2. Gestation

3. puberty

4. target site

Fill in the blanks

1.gland is situated in brain
2. The shedding of the outgrown skin in a butterfly is called
3. The complete change of form of an organism as it develops from a young one to an adult is called
4. The hormone that the secondary sexual characters in females is called
5. The hormone whose deficiency in body causes goiter is
6. The hormone is prepared our body for action in emergency is called.....

Differences

1. Thyroid and pancreas

2. Puberty and adolescence

3. Endocrine and exocrine gland

Give reason

1. Hormones only affect specific organ
2. Iron rich food is good for adolescents
3. Mother gives the birth but the baby has characters of both parents
4. In human being father is responsible for sex of the unborn child. Explain using a diagram.
5. A boy is 9 years old and is 120 cm tall. At the end of the growth period how much tall is he going to be? (for 9 years old percentage of full height is 75%)
6. Puberty is onset of reproductive ability but it does not enable the individual to reproduce

analyze

1. Vishal has a very big and bulging throat
 - a) The disease Vishal suffers from
 - b) The gland associated with
 - c) The hormone whose deficiency caused the disease