

.....BIOLOGY NOTES.....

1. CORTEX has.....

Four lobes.

{Four lobes of CORTEX are TEMPORAL, PARITEL, FRONTAL, and OCCIPITAL which are responsible for processing different types of INFORMATION}.

2. Bowman's capsule surrounds the.....

GLOMERUIUS.

Glomerulus is a network of tubules surrounded by a cup-shaped structure known as a bowman's capsule.

3. Bacteria move with the help of.....

FLAGELLA.

Flagella has THREE components MOTOR, HOOK, and FILAMENT.

repeated

4. AMBOEA moves with the help of.....

PSEUOPODIA

repeated

5. DISH washing enzyme is

PROTEASE and AMYLASE

Protease and amylase digest strains of PROTEIN and STARCH.

repeated

6. MEOSIS occurs in.....

Primordial germ cell.

7. Strongest wall of the HEART is.....

Left VENTRICAL

The left ventricle is only HALF INCH thick.

repeated

8. Protein is synthesized in.....

RIBOSOMES

9. PEPSIN is

a STOMACH ENZYME

PEPSIN serves to digest PROTEINS found in ingested food.

10. LIPID digesting enzyme is

LIPASES

11. CARBOHYDRATE digesting enzyme is.....

AMYLASES

Made in MOUTH and PANCREAS, breaks down the complex carbohydrates.

12. RED Blood Cells contain.....

A Protein named HEMOGLOBIN

HEMOGLOBIN carries Oxygen from LUNGS to all body parts

repeated

13. protein-digesting enzyme.....

PEPSIN which is a stomach enzyme

14. Which is not a part of NEPHRON

repeated

COLLECTING duct

15. ALZHEIMER is.....

Mental illness

16. HOMEOSTASIS is the maintenance of.....

Internal body temperature

17. The possible PHHENOTYPES of the ABO blood group system.....

FOUR..... A, B, C, and AB

repeated

18. Plastids are present in only

PLANT CELLS and absent in animal cells

19. Heat-resistant bacteria is.....

PSEUOMONAS PAUCIMOBILIS

20. An abnormal pocket of tissue fluid like a blister that can form in many different areas of the body including skin genitals and internal organs known as.....

CYSTS

repeated

21. Krebs cycle and ELECTRON TRANSPORT CHAIN takes place in.....

Mitochondrial Matrix

22. RED BLOOD CELLS are formed in.....

Long bone marrow

23. White blood cell is formed in.....

Short bone marrow

24. A technique that is used for the production of millions of identical copies of the desired gene is known as.....

PCR

25. Cloning is not confused with.....

PCR

26. A thread-like structure located inside the NUCLEUS of both animals and plants is.....

CHROMOSOMES

27. Female menstrual cycle is of.....

28 days

repeated

28. The process of breaking down GLUCOSE into pyruvate and energy is known as.....

GLYCOLYSIS

29. The matching, identical but often have slight differences, genes are.....

ALLELES

30. Enzyme activity is regulated by.....

Other molecules that either INCREASE or DECREASE the activity **repeated**

31. molecules that increase the enzyme activity is

ACTIVATOR

32. Molecule that decreases the enzymatic activity is.....

INHIBITORS

33. A process in which a single cell divides twice to produce FOUR cells.....

MEIOSIS

34. Identical chromosomes in males and females are.....

22 chromosomes known as AUTOSOMES which are the same in male and female

35. lysosomes are also known as.....

DIGESTIVE BAGS because of digestive enzyme **repeated**

36. Three types of plastids are

CHLOROPLAST, LEUCOPLAST, and CHROMOPLAST

37. The pore through which water leaves the body of SPONGE.....

OSCULUM

38. Diploblastic animals belong to

RADIATA

39. Specules and sponging fibers in porifera.....

SKELETON

40. The shell in Mollusca.....

MANTLE

repeated

41. The normal pH of human blood is

7.4

42. Non-protein part of the enzyme is.....

COFACTOR.

Repeated

43. KERBS CYCLE is also known as.....

CITRIC ACID CYCLE

44. Refers to the chemistry and physiology of energy metabolism; ism is.....

BIOENERGETIC

45. Hydrolytic enzymes are found in.....

LYSOSOMES

46. Pituitary gland is also known as.....

MASTER GLAND

47. If the thyroid gland is removed so.....

Our body stop producing the thyroid hormone

48. The discharge of an egg from the ovary.....

Ovulation

50. sperms are produced in

Seminiferous tubules

51. Vaccine is discovered by.....

EDWARD JENNER

repeated

52. The proteins are made up of.....

AMINO ACID

53. Colour of xanthophyll.....

YELLOW PIGMENTS

repeated

54. In muscles the nutrient is

POTASSIUM

55. Aorta starts from.....

LOWER LEFT CHAMBER OF HEART (VENTRICAL)

56. Common hormones of male and female are.....

ESTROGEN

PROGESTERONE

TESTOSTERONE

57.NO. of mitochondria in a cell is

100,00_600,00

repeated

58. strongest valve of the heart is

AORTIC VALVE

repeated

59. Site, where the enzyme and substrate bind, is.....

ACTIVE SITE

60. Hemoglobin is red due to

HEME GROUP which makes the blood red

61. skeleton muscle attached to the bone.....

TENDON

62. Blood received from each KIDNEY is

20%

repeated

63. Hemoglobin found in

RED BLOOD CELLS

repeated

64. In bacteria heat resistance is provided by.....

PROTOPLAST OF ENDOSPORE which is highly dehydrated making it heat resistance repeated

65. Calories in Fats are.....

NINE 9 CALORIES APPROXIMATELY

66. Functional enzyme that is catalytically active.....

HOLOENZYME

67. HEMOGLOBIN FOUND IN

repeated

RBCS

68. SECOND MOST abundant bio element.....

CARBON

67. The distribution of organisms can be studied through

Biomes

68. ammonia is the waste product of...

MARINE ANIMALS, FISHES e.t.c.

.....WISH UH ALL THE BEST.....

..... ALLAH BLESS UH.....