

## SUBJECT

1. Small intestine is divided into—  
parts.

- A. 3
- B. 4
- C. 5
- D. 6

2. Which of following are parts of large intestine?

- A. Ascending Colon
- B. Transverse Colon
- C. Descending Colon
- D. All of above

3. Part of body which is present in front or near to abdomen is known as:

- A. Anterior
- B. Posterior
- C. Lateral
- D. medial

4. The number of cervical vertebrae is

- A. 8
- B. 9
- C. 5
- D. 7

5. Digestive system consists of the following organs Except

- A. Oral cavity
- B. Esophagus
- C. Gall bladder
- D. heart

6. Main parts of upper limb consist of:

- A. arm
- B. forearm
- C. hand
- D. All of above

7. Movement of forearm in which position that palm facing downward is known as:

- A. Pronation
- B. flexion
- C. supination
- D. All of above

8. Two parts of body that present at the same side of body are called:

- A. contralateral
- B. only A
- C. ipsilateral
- D. all of above

9. The \_\_\_\_\_ of the heart maintain the unidirectional flow of the blood.

- A. Valves
- B. Atria
- C. ventricles
- D. aorta

10. The number of total vertebrae \_\_\_\_\_

- A. 14
- B. 25
- C. 33
- D. 37

11. Bone is a strong and durable type of \_\_\_\_\_

- A. epithelial tissue
- B. connective tissue
- C. nervous tissue
- D. muscular tissue





12. It is a J shaped organ. It is 10 inches in length is called

- A. Oral cavity
- B. Esophagus
- C. Gall bladder
- D. stomach

13. The pharynx is divided into three parts

- A. Nasopharynx
- B. Oropharynx
- C. Laryngeal Pharynx
- D. All of above

14. Accessory organs of digestive system are:

- A. liver
- B. pancreas
- C. Gall bladder
- D. All of above

15. Which of following is not the part of foot?

- A. tarsal
- B. metatarsals
- C. phalanges
- D. none of above

16. Glucose in the Urine is a sign of

- A. Liver disease
- B. Lungs problem
- C. Diabetes mellitus
- D. Normal Health

17. Nature of cardiac muscle is

- A. Voluntary and Striated
- B. Involuntary & striated
- C. Involuntary and un striated
- D. None of above

18. All of following are true about smooth endoplasmic reticulum Except

- A. Ribosomes are attached to outer surface of smooth endoplasmic reticulum
- B. Lipid biosynthesis and the intracellular transportation
- C. It plays a major role in glycogen metabolism
- D. It also helps in detoxification of various toxins and alcohol

19. Smell producing substances have these characteristics.

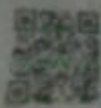
- A. Water Soluble
- B. Lipid soluble
- C. All of the above
- D. volatile

20. Bile juice have the pH ranging between

- A. 7.1-8.1
- B. 6.1-7.1
- C. 7.6-8.6
- D. 8.6-9.6

21. The disease Hepatitis (A, B and C) are related with \_\_\_\_\_

- A. Heart
- B. Kidney
- C. Liver
- D. Lungs





22. Anterior pituitary gland produces hormones except.

- A. TSH
- B. FSH
- C. LH
- D. ADH

23. GIT is functional unit which process our \_\_\_\_\_

- A. food
- B. water
- C. blood
- D. all a, b, and c

24. Blood is the specialized type of \_\_\_\_\_

- A. connective tissue
- B. epithelial tissue
- C. nervous tissue
- D. all are true

25. Nervous system is divided into \_\_\_\_\_ systems

- A. two
- B. Three
- C. Four
- D. five

26. The Skin Produce Vitamin \_\_ in presence of Sunlight.

- A. Vitamin B
- B. Vitamin K
- C. Vitamin C
- D. Vitamin d

27. Which of following are contents of middle ear?

- A. Muscles
- B. Ligaments
- C. All of the above
- D. ossicles

28. \_\_\_\_\_ has a butterfly-shaped cross-section and is mainly composed of nerve cell bodies.

- A. White matter
- B. Grey matter
- C. Both
- D. None of above

29. Blood is \_\_\_\_\_ times more viscous than water.

- A. 4
- B. 5
- C. 6
- D. 7

30. HCl is an acid present in \_\_\_\_\_ for the initiating of digestion.

- A. Mouth
- B. Liver
- C. Small Intestine
- D. stomach

31. DNA and RNA are two types of:

- A. Protein
- B. carbohydrates
- C. Amino acids
- D. Nucleic acid





32. \_\_\_\_\_ contain long hydrocarbon chain bonded to COOH Group. a. lipids

- A. Fatty acids
- B. Protein
- C. Lipid
- D. All of above

33. Which of following hormone stimulates contraction of the smooth muscles of the pregnant uterus?

- A. Growth hormone
- B. Relaxin
- C. Insulin
- D. oxytocin

34. \_\_\_\_\_ class of proteins includes substances which are derived from simple and conjugated proteins.

- A. Simple proteins
- B. Compound or conjugated proteins
- C. Derived protein
- D. all of above

35. In carbohydrates the no. of water molecules attach to the carbon are in number to the no. of carbon atoms

- A. Double
- B. Equal
- C. Non-equal
- D. Half

36. Most common lipid is \_\_\_\_\_ in animals & plants.

- A. wax
- B. fat
- C. oils
- D. steroids

37. \_\_\_\_\_ molecules have different several different level of structure.

- A. protein
- B. nucleic acids
- C. none of these
- D. amino acid

38. Which of the following are correct about enzymes?

- A. Enzymes are biocatalyst of the body
- B. Enzymes are mainly protein in nature.
- C. They speed up the biological reactions of body
- D. all of above

39. What is true about action of insulin on carbohydrate metabolism?

- A. It increases the entry of glucose into cells by stimulating the process of facilitated diffusion.
- B. It increases utilization of glucose for energy.
- C. It increases glycogen storage in cells.
- D. all of above



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40. Carbohydrates are the natural compounds and their basic source is.

- A. Animals
- B. plants
- C. Microbes
- D. Fungi

41. A sub group of steroids is \_\_\_\_\_ which contain one or more -OH groups and no carbonyl and carboxyl groups.

- A. proteins
- B. waxes
- C. iron
- D. sterols

42. Proteins provide energy to body, proteins are breakdown into \_\_\_\_\_ during digestion.

- A. monosaccharaides
- B. iron
- C. none of these
- D. amino acid

43. Genes are composed \_\_\_\_\_ in which the genetic information is contained in the form of codes.

- A. DNA
- B. RNA
- C. Protein
- D. vitamins

44. If R which represents side chain in amino acid if change, the amino acid \_\_\_\_\_ structurally.

- A. Change
- B. same
- C. both of these
- D. none of these

45. During ripening of fruit the starch converted to

- A. Simple sugar
- B. Disaccharides
- C. Polysaccharides
- D. None of above

46. Bacteria was discovered by in \_\_\_\_\_

- A. 1673
- B. 1650
- C. 1630
- D. 1995

47. Symbiosis which is beneficial to the microorganisms is called:

- A. commensalism
- B. Parasitic
- C. Infection
- D. Mutualism

48. Some microbiologist combined the cell membrane, cell wall and capsule termed as:

- A. Shell
- B. Volutin
- C. Cell envelop
- D. All of the above





49. Certain organism described as \_\_\_\_\_ are not regarded as disease agents:

- A. highly virulent
- B. Non-virulent
- C. A virulent
- D. All of above

50. Spherical shaped bacteria are also known as:

- A. Bacilli
- B. cocci
- C. Spirillum
- D. Vibrio

51. In virus nucleic acid occurs in \_\_\_\_\_ form

- A. Only single stranded
- B. Only double stranded
- C. Both double stranded or single stranded form
- D. None of the Above

52. Microorganism found naturally in fresh and salt water includes:

- A. Bacteria and cyanobacteria
- B. Protozoa & Algae
- C. Rotifers
- D. All of above

53. The Gram -ve bacteria cell wall thickness is \_\_\_\_\_ Nano meter:

- A. 25nm
- B. 03nm
- C. 19nm
- D. 10 nm

54. The \_\_\_\_\_ molecules are arranged in two parallel layer in fluid mosaic model:

- A. phospholipid
- B. Lipids
- C. Protein
- D. Carbohydrates

55. Some streptococci that cause strep throat and is called scarlet fever well in \_\_\_\_\_ media

- A. Chocolate Agar
- B. Blood agar
- C. Nutrient Agar
- D. None of the Above

56. A completely assembled virus outside its host cell is known as:

- A. virion
- B. Capsid
- C. Genome
- D. None of the Above

57. RNA virus are unique because their genetic information is encoded in

- A. DNA
- B. RNA
- C. Protein
- D. Carbohydrate

58. Life span of normal flora in human body:

- A. Throughout life
- B. First 05 years
- C. First 10 years
- D. None of the Above



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59. The branch of science is deals with the study Of micro-organisms:

- A. Pathology
- B. Anatomy
- C. Histology
- D. microbiology

60. The important component of bacterial cell-wall is :

- A. Lipid
- B. Poly [peptide
- C. peptidoglycan
- D. None of the Above





## SEQs

**Answer All Questions  
Each question is 05  
Marks**

### Anatomy

**Q.61 What is respiration?  
Define respiratory system?**

**Q62. Define the following  
directional terms:**

- I. Medial
- II. Lateral
- III. Proximal IV. Distal

**Q63. Briefly explain Anatomy of  
Urinary system?**

### Physiology

**Q64. briefly describe the types  
of joints?**

**Q65. What is blood pressure?  
What are physiological variation  
of Blood pressure?**

**Q66. Write functions of  
stomach?**

### Biochemistry

**Q67. Briefly explain lipids and  
its classification?**

**Q68. Write the difference  
between Fat soluble and water  
soluble vitamins?**

**Q69. Define Nucleic Acids and  
what is difference between DNA  
and RNA?**

### Microbiology

**Q70. What are the applications  
of sterilization in pharmacy?**

**Q71. What is the difference  
between gram positive and  
gram negative bacteria?**

**Q72. What do you know about  
Live attenuated whole agent  
vaccines and Inactive whole  
agent vaccines?**

