

Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020)

Course Name - Biochemistry

Course Code - BP203T

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Answer all the questions. Each question carry one mark.

9. 1.Which is not a biomolecule *

Mark only one oval.

- a. nucleotide
- b. Amino acid
- c. carbohydrate
- d. Sodium bicarbonate

10. 2.Amino acids are the building blocks of *

Mark only one oval.

- carbohydrate
- nucleotide
- protein
- peptide

11. 3. $C_n(H_2O)_n$ is the general formula of *

Mark only one oval.

- Valine
- Isoleucine
- tryptophan
- Carbohydrate

12. 4. Glucose is the example of *

Mark only one oval.

- Protein
- Carbohydrate
- Fats
- Cholesterol

13. 5. Which is not an essential amino acid *

Mark only one oval.

- a. Valine
- b. Isoleucine
- c. tryptophan
- d. proline

14. 6. Unfolding of regular secondary protein structure causes *

Mark only one oval.

- Large decrease in the entropy of the protein
- Little increase in the entropy of protein
- No change in the entropy of the protein
- d) Large increase in the entropy of the protein
- Option 5

15. 7. Which gland or organ doesn't work right in a person who has type I diabetes?
Which gland or organ is it? *

Mark only one oval.

- pituitary gland
- pancreas
- adrenal glands
- kidneys

16. 8. A positive benedicts test is given by *

Mark only one oval.

- sucrose
- fructose
- maltose
- glucose

17. 9. Find the INCORRECT statement about the biological functions of lipids. *

Mark only one oval.

- Storage form of metabolic fuel
- Have a protective function in bacteria, plant, and insects
- The structural component of membranes
- Exhibit increased catalytic activity

18. 10. Name the reagent which is used in Saponification? *

Mark only one oval.

- Ammonia
- Acetic acid
- NaOH/KOH
- Butanone

19. 11. Which of the following sterol is present in the cell membrane of fungi? *

Mark only one oval.

- Ergosterol
- Stigmasterol
- Sitosterol
- Campesterol

20. 12.DNA unwinding is done by *

Mark only one oval.

- Ligase
- Helicase
- Topoisomerase
- Hexonuclease

21. 13.Cholesterol does not serve as a precursor for which compounds? *

Mark only one oval.

- Vitamin D
- Sex hormones
- Bile salts
- Bile pigments

22. 14.Which of the following are not the components of RNA? *

Mark only one oval.

- Thymine
- Adenine
- Guanine
- Cytosine

23. 15. Benedict's test is used to identifysugar *

Mark only one oval.

- reducing
- non reducing
- keto
- aldo

24. 16. What is the site for gluconeogenesis? *

Mark only one oval.

- liver
- intestine
- stomach
- heart

25. 17. pH of blood is *

Mark only one oval.

- 4.5-8.0
- 7.4-7.5
- 6-7
- 8-9

26. 18. Which of the following is the prosthetic group of NADH dehydrogenase? *

Mark only one oval.

NADH

FAD

NADPH

FMN

27. 19. Which of the following are major sites for glycogen storage? *

Mark only one oval.

spleen

adipose tissue

pancreas

gall bladder

28. 20. Glycerol kinase work on *

Mark only one oval.

Glycerol

Glyceric acid

fatty acid

Pyruvate kinase

29. 21. PP Factor is known as *

Mark only one oval.

- niacin
- riboflavin
- thiamin
- bcomplex

30. 22. Albuminuria is known as *

Mark only one oval.

- Urine associated with globulin
- Albumin associated with urine
- albumin associated with haeme
- albumin associated with alanine

31. 23. Retinol is the chemical name of *

Mark only one oval.

- Vitamin A
- Vitamin B
- Vitamin C
- Vitamin D

32. 24.Vitamin B1 is known as *

Mark only one oval.

- Riboflavin
- Thiamin
- Niacin
- None of these

33. 25.Lipids are naturally *

Mark only one oval.

- Hydrophillic
- Hydrophobic
- Lipophillic
- Lipophobic

34. 26.The study of energy relationships and conversions in biological systems is called as *

Mark only one oval.

- Biophysics
- Biotechnology
- Bioenergetics
- Microbiology

35. 27.High blood pressure can be a side effect of some medicines. Which of these can raise blood sugar? *

Mark only one oval.

- Ibuprofen
- Antidepressants
- Thyroid medicines
- Oral steroid medicines

36. 28.DNA replication is *

Mark only one oval.

- Conservative
- Non-conservative
- Semi-conservative
- None

37. 29.What are the following is not a factor responsible for denaturation of proteins? *

Mark only one oval.

- pH change
- Organic solvents
- Heat
- oxidoreductase

38. 30.Which is also known as DNA gyrase? *

Mark only one oval.

- Topoisomerase -I
- Topoisomerase -II
- Topoisomerase -III
- Topoisomerase -IV

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