

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

Course Name - General Biochemistry

Course Code - BMLT202

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Answer all the questions. Each question carry one mark.

9. 1. Which of the following is also known as invert sugar

Mark only one oval.

- Sucrose
- Fructose
- Dextrose
- Glucose

10. 2. What is the site for gluconeogenesis

Mark only one oval.

- Liver
- Blood
- Muscles
- Brain

11. 3. Starch consists of:

Mark only one oval.

- Amylose and Amylopectin
- Amylase and Amylose
- Amylopectin only
- Amylodextrin and Amylose

12. 4. Non-carbohydrate moiety of glycosides is:

Mark only one oval.

- Aglycone
- Glycosidic bond
- Amylopectin
- Amylose

13. 5. Which of these is a hereditary disease caused due to an error in amino acid metabolism?

Mark only one oval.

- Homocystinuria
- Albinism
- Phenylketonuria
- Both Homocystinuria and Phenylketonuria

14. 6. Valine is classified as:

Mark only one oval.

- Hydrophobic amino acid
- Hydrophilic amino acid
- Positively charged amino acid
- Hydrophobic aliphatic amino acid

15. 7. Which of this vitamin is associated with the coenzyme Biocytin?

Mark only one oval.

- Nicotinic acid
- Thiamine
- Pantothenic acid
- Pyridoxine

16. 8. Which of the following is not a fat-soluble vitamin

Mark only one oval.

- Vitamin D
- Vitamin K
- Vitamin C
- Vitamin A

17. 9. Cobalt containing vitamin is

Mark only one oval.

- Vitamin B2
- Vitamin B6
- Vitamin B12
- None of these

18. 10. Which of the following is protein hormone?

Mark only one oval.

- Oxytocin
- Insulin
- TSH
- Antidiuretic hormone

19. 11. What is the biosynthetic source of all steroid hormones?

Mark only one oval.

- Cholesterol
- Ketone bodies
- Carbohydrate
- Protein

20. 12. The two strands in a DNA double is joined by

Mark only one oval.

- Covalent bond
- Hydrogen bond
- Ionic bond
- Phosphodiester bond

21. 13. Adenine bonds with....

Mark only one oval.

- Guanine
- Cytosin
- Uracil
- Thymine

22. 14. Atherosclerosis can cause blood

Mark only one oval.

- Thinning
- Clotting
- Thickening
- None of these

23. 15. Which fraction of lipoproteins has highest cholesterol content?

Mark only one oval.

- HDL
- Chylomicrons
- LDL
- VLDL

24. 16. Isoenzymes (Isozymes):

Mark only one oval.

- Catalyse the same reaction
- Have different mobilities on electrophoresis
- Are physically distinct forms of the same enzyme
- All of these

25. 17. What is the stain of choice for a Differential WBC count?

Mark only one oval.

- Giemsa
- Supravital
- Wright's
- Leishman stain

26. 18. Heat Coagulation test is most commonly employed to detect

Mark only one oval.

- Albumin in blood
- Glycine in urine
- Creatinine in urine
- Albumin in urine

27. 19. Creatine phosphokinase is related to

Mark only one oval.

- Liver diseases
- Early marker of myocardial infarction
- Jaundice
- Cancer

28. 20. Urea produced in:

Mark only one oval.

- Kidney
- Liver
- Pancreas
- Blood stream

29. 21. Serotonin neurotransmitter is synthesized from

Mark only one oval.

- Tryptophan
- Tyrosine
- Proline
- Phenylalanine

30. 22. Name a sulfur containing amino acid:

Mark only one oval.

- Methionine
- Arginine
- Glycine
- Tyrosine

31. 23. A five carbon sugar found in DNA is

Mark only one oval.

- Ribose
- Guanine
- Deoxyribose
- Helicase

32. 24. A _____ is a biocatalyst that increases the rate of the reaction without being changed

Mark only one oval.

- Aluminum oxide
- Silicon dioxide
- Enzyme
- Hydrogen peroxide

33. 25. Parkinson's Disease is linked with decreased synthesis of:

Mark only one oval.

- Serotonin
- Arginine
- Dopamine
- None of these

34. 26. Name a contractile Protein

Mark only one oval.

- Actin
- Arginine
- Myosin
- Both Actin and Myosin

35. 27. Name the structure analog of vitamin K, which is used as anticoagulant?

Mark only one oval.

- Warfarin
- Tocopherol
- Ergocalciferol
- β -carotene

36. 28. Energy currency of the cell is:

Mark only one oval.

- GTP
- ADP
- ATP
- Glucose

37. 29. Scurvy is due to the deficiency of

Mark only one oval.

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

38. 30. All test are positive for lactose except:

Mark only one oval.

- Benedict test
- Barfoed's test
- Fehling's test
- Osazon test

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