

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

Course Name - Biochemistry & Clinical Pathology

Course Code - 1.4 T

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Answer all the questions. Each question carry one mark.

9. 1. Biuret test is qualitative test for- *

Mark only one oval.

- Protein
- Carbohydrate
- Lipid
- Vitamin

10. 2. Fat soluble vitamin is- *

Mark only one oval.

- Vitamin-B1
- Vitamin-B5
- Vitamin-A
- Vitamin-C

11. 3. Rickets occur due to deficiency of _____ *

Mark only one oval.

- Vitamin E
- Vitamin A
- Vitamin D
- Vitamin K

12. 4. The normal WBC count is _____ *

Mark only one oval.

- 4000 to 11000 per cu. mm of blood
- 9000 to 11000 per cu. mm of blood
- 4000 to 15000 per cu. mm of blood
- 6000 to 11000 per cu. mm of blood

13. 5. The normal platelet count is *

Mark only one oval.

- 2-5 lacs per [cu.mm](#) of blood
- 2-8 lacs per [cu.mm](#) of blood
- 3-5 lacs per [cu.mm](#) of blood
- 1-5 lacs per [cu.mm](#) of blood

14. 6. The average life span of RBCs is about *

Mark only one oval.

- 30 days
- 120 days
- 50 days
- 365 day

15. 7. Which Hormone is responsible for regulation of water metabolism? *

Mark only one oval.

- Vasopressin
- Renin
- Aldosterone
- All of the above

16. 8. Lactose is made up of *

Mark only one oval.

- One glucose molecule and one galactose molecule
- Two glucose molecule
- Two galactose molecule
- One glucose and one fructose molecule

17. 9. Glycogenesis is the synthesis of _____ *

Mark only one oval.

- Glycogen
- Starch
- Glucose
- Glycerol

18. 10. Fasting blood sugar range is _____ *

Mark only one oval.

- 70 - 100 mg/dl
- 90 - 120 mg/dl
- 60 - 120 mg/dl
- 40 - 90 mg/dl

19. 11. In the TCA, malate is oxidized to _____ *

Mark only one oval.

- Fumarate
- L-ketoglutarate
- Succinate
- Oxaloacetate

20. 12. Heparin is a *

Mark only one oval.

- Monosaccharide
- Aldose
- Disaccharide
- Hetero polysaccharide

21. 13. Which of the following is a sulphur containing amino acid- *

Mark only one oval.

- Glycine
- Tryptophan
- Methionine
- Valine

22. 14. Which of the following is not a reducing sugar? *

Mark only one oval.

- Lactose
- Galactose
- Maltose
- Sucrose

23. 15. Cholesterol consist of _____ *

Mark only one oval.

- 27 carbons
- 30 carbons
- 14 carbons
- 35 carbons

24. 16. Which nucleic Acid is responsible for transmission of genetic codes? *

Mark only one oval.

- DNA
- RNA
- Both DNA and RNA
- None of these

25. 17. Creatinine level in urine gets elevated in _____ *

Mark only one oval.

- Addison's disease
- Hypothyroidism
- Typhoid fever
- Nephritis

26. 18. Goiter occurs due to the deficiency of- *

Mark only one oval.

Br

Na

Cl

I

27. 19. A keto sugar can be detected by _____ *

Mark only one oval.

Fehling's test

Benedict test

Seliwanoff's test

Molisch test

28. 20. Vitamin A is- *

Mark only one oval.

Water soluble

Fat soluble

Both

None of these

29. 21. pH of urine is- *

Mark only one oval.

4-8

5-6

7-10

5-7

30. 22. The process of blood clotting is initiated by- *

Mark only one oval.

Prothombin

Fibrinogen

Fibrogen

Thromboplastin

31. 23. Haemoglobin is a pigment found in red blood cells and its function is to transport_____ *

Mark only one oval.

Oxygen

Carbon dioxide

Peptide

Amino acids

32. 24. Ribose is- *

Mark only one oval.

- Triose
- Tetrose
- Pentose
- Hexose

33. 25. Protein is a- *

Mark only one oval.

- Polymer of amino acid
- Complex of amino acid
- Polymer of alanine
- None of these

34. 26. Amino acids which are not synthesized by human body are called _____ *

Mark only one oval.

- Essential amino acids
- Non essential amino acids
- Simple amino acids
- Complex amino acids

35. 27. Transamination takes place principally in- *

Mark only one oval.

- Liver
- Muscles
- Stomach
- Gall bladder

36. 28. The fats are- *

Mark only one oval.

- Completely insoluble in water
- Sparingly soluble in water
- Completely soluble in water
- None of these

37. 29. Which element is required for the contraction of muscles? *

Mark only one oval.

- Calcium
- Sodium
- Magnesium
- Manganese

38. 30. Cholesterol is a- *

Mark only one oval.

Carbohydrate

Steroid

Lipid

Fatty acid

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