



CHAPTER 1/91

LABORATORY MCQs



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1 Blood is which Type of Tissue ?

- i Epithelial Tissue
- ii Muscle tissue
- iii Connective Tissue
- iv Nervous Tissue

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Mock Test

2 Mycoplasmas are different from other bacteria by?

- i Presence of chitin in cell wall
- ii Presence of Techoic acid in cell wall
- iii Presence of Lipoprotein in cell wall
- iv Absence of cell wall itself

3 The Difference of Plasma and Serum is that Plasma ?

- i Does not contain fibrinogen
- ii Has more water
- iii Contain Fibrinogen
- iv Contain Iron.

4 New Methylene Blue Reagent is used for staining of which blood cells?

- i Reticulocytes
- ii Platelets.
- iii WBC's
- iv Heinz bodies

5 Gram Staining was introduced by which scientist ?

- i Alfred Gram
- ii Christian Gram
- iii Robert Cook
- iv Louis Pasteur

6 When WBC are counted manually by Turk's Reagent, Blood is diluted by Ratio ?

- i 1:20
- ii 1:50
- iii 1:100
- iv 1:200

7 The end point of Purine Metabolism is ?

- i Urea
- ii Creatinin
- iii Uric Acid
- iv Ammonia

8 Which is the following chemical test differentiates between Staphylococcus and Streptococcus ?

- i Coagulase Test
- ii Catalase Test
- iii Urase Test
- iv Oxidase Test

9 Which is the following Immunoglobulin can cross Placenta ?

- i IgA
- ii IgD
- iii IgG
- iv IgM

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10 All of the following are function of blood except one ?

- i Hormone Production
- ii Buffer system
- iii Oxygen Transport
- iv Nutrient Absorption

11 Which is the following test is used to detect/determine Syphilis ?

- i ASOT
- ii Ra factor
- iii CRP
- iv VDRL

12 One of the following is major cation found in extracellular fluid ?

- i Sodium
- ii Potassium
- iii Magnesium
- iv Zinc

13 Immunoglobulins are which type of Protein in Nature ?

- i Alpha Globulin
- ii Beta Globulin
- iii Gamma Globulin
- iv Delta Globulin

14 *Enterobius Vermicularis* is also known as ?

- i Pin worm
- ii Round worm
- iii Thread Worm
- iv Whip Worm

15 Which is the following hormone directly Regulate Blood Glucose Level ?

- i TSH
- ii FSH
- iii Progesterone
- iv Insulin

16 Which is the following Anticoagulant Tube need to collect sample of HbA1c ?

- i Sodium Fluoride
- ii EDTA
- iii Heparin
- iv Sodium Citrate

17 Which is the following Parasite Doesn't develop Systic stage ?

- i Giardia Lambia
- ii Antamoeba Histolytica
- iii Enterobius Vermicularis
- iv Trichomonas Vaginalis

18 A Blood Donor who recently diagnoses Positive HbsAg should be deferred for how long ?

- i Permanantly
- ii For 3 months
- iii For 6 Months
- iv For 1 Year

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Mock Test



19 Which of the following is called "bad" Cholesterol ?

- i Cholesterol
- ii Triglyceride
- iii HDL
- iv LDL

20 Which one of the following test is used to differentiate Staphylococcus aureus from other Staphylococcus Species ?

- i Coagulase Test
- ii Catalase Test
- iii Urase Test
- iv Oxidase Test

21 Hemophilia A is caused by which factor deficiency ?

- i Factor VIII
- ii Factor IX
- iii Factor X
- iv Factor I

22 Salmonella and Shigella can be differentiated on the basis of which test ?

- i Gram Stain
- ii Catalase Test
- iii Motility
- iv Indole Test

23 Ammonium Oxalate reagent is used for the counting of which test ?

- i WBC's
- ii Platelets
- iii RBC's
- iv Reticulocytes

24 Which of the following Bio-chemistry Test Should keep away from light ?

- i Urea
- ii Bilirubin
- iii Glucose
- iv Calcium

25 Which one of the following Immunoglobulin appeared as Pentamer ?

- i IgA
- ii IgE
- iii IgG
- iv IgM

26 The solution used to fix a pap smear is:

- i Wright Stain
- ii Hematoxylin
- iii Physiological Saline
- iv Cytospray

**Go to
Mock Test**

27 Which one of the following bacteria can cause glomerular nephritis or FR ?

- i Staphylococcus aureus
- ii Streptococcus Pyogenes
- iii Staphylococcus Epidermidis
- iv Streptococcus Pneumonia



28 Which one of the following hormone is produced by pituitary gland ?

- i TRH
- ii T4
- iii TSH
- iv Insulin

29 in DIC all of the following test will show high results except ?

- i PT
- ii Platelets
- iii APTT
- iv None of the above

30 Three types of ketone bodies include acetoacetic acid, acetone and __?

- i Oxaloacetic acid
- ii Lactic Acid
- iii 3-hydroxy Butilic acid
- iv Acetic Acid

31 The degree that a control results deviate from known value or mean value is known as :-

- i Standard Deviation
- ii Coefficient Deviation
- iii Median
- iv None of above

32 Erythroblastosis Foetalis occurs due to :-

- i ABO Incompatibility
- ii RH Incompatibility
- iii Hemophilia
- iv Leukemia

33 One of the following enzyme also performed cardiac enzyme function ?

- i Acid Phosphatase
- ii Creatinine
- iii LDH
- iv ALT

34 ESR will show low value result in which one of the following condition :-

- i Polycythemia
- ii Anemia
- iii RA
- iv Tuberculosis

35 Which one of the following parasite causing amoebic dysentery ?

- i Giardia Lambia
- ii Entamoeba Histolytica
- iii Ascaris Lumbricoides
- iv Shigella

36 Megaloblastic anaemia is caused by deficiency of folate and which vitamin ?

- i Vitamin A
- ii Vitamin B12
- iii Vitamin D
- iv Vitamin C

Go to
Mock Test



37 Which One of the Following bacteria is gram negative, Aerobic oxidase positive and motile rod ?

- i E- Coli
- ii Proteus
- iii Salmonella
- iv Pseudomonas

38 Which one of the following cells play a major role in humoral immunity ?

- i B - Cells
- ii T - Cells
- iii Monocytes
- iv Macrophages

39 In Iron Deficiency anemia laboratory finding which one of the following will show increased value ?

- i Hb
- ii Iron
- iii TIBC
- iv RBC's

40 Widal test is done for the diagnosis of which bacteria ?

- i Shigela
- ii E- Coli
- iii Salminella
- iv Proteus

41 If Sample is taken in EDTA Tube, Which one of the following biochemistry test results will affect ?

- i Glucose
- ii Urea
- iii Cholestrol
- iv Calcium

42 Ziel Nelson stain is used for ?

- i Streptococcus
- ii Mycobacterium
- iii H Influenza
- iv Bacillus sp

43 Co-efficient of variation is calculated by which formula ?

- i $Sd \times 100 / \text{Standard Error (SD=Standard Deviation)}$
- ii $\text{Mean} \times 100 / SD$
- iii $SD \times 100 / \text{Mean}$
- iv $\text{Variance} \times 100 / \text{Mean}$

44 Night Blindness is caused by deficiency of which vitamin ?

- i Vitamin C
- ii Vitamin A
- iii Vitamin B12
- iv Vitamin B6

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Mock Test

45 What is erythropoietin ?

- i is secreted by kidney
- ii Stimulates the bone-marrow to produce RBC's
- iii Is released in response to hypoxemia
- iv All of above



46 Each of following characteristics is correct about *Ascaris lumbricoides* except one :-

- i *Ascaris lumbricoides* is nematode
- ii Both dogs and cats are intermediate host of *Ascaris lumbricoides*
- iii *Ascaris lumbricoides* can cause pneumonia
- iv *Ascaris lumbricoides* is transmitted by enjections of eggs

47 Which types of cells if rapidly can cause jaundice?

- i WBC's
- ii Platelets
- iii Plasma Cells
- iv Red Blood Cells

48 Kala- Azar Disease is caused by which Parasite ?

- i *Lieshmania donovani*
- ii *Trypanosoma Cruzi*
- iii *Wucheria Bancrofti*
- iv *Plasmodium*

49 When myocardial infarction will happen which of the following cardiac enzyme will elevate first ?

- i LDH
- ii CK
- iii ALT
- iv AST

50 Cason's test is used for the diagnosis of which parasite ?

- i Taeniasis
- ii Hydatidiasis
- iii Trichuriasis
- iv Onchuriasis

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Answers

1 Ans = iii

2 Ans = iv

3 Ans = iii

4 Ans = i

5 Ans = ii

6 Ans = i

7 Ans = iii

8 Ans = ii

9 Ans = iii

10 Ans = i

11 Ans = iv

12 Ans = i

13 Ans = iii

14 Ans = i

15 Ans = iv

16 Ans = ii

17 Ans = iv

18 Ans = i

19 Ans = iv

20 Ans = i

21 Ans = i

22 Ans = iii

23 Ans = ii

24 Ans = ii

25 Ans = iv

26 Ans = iv

27 Ans = ii

28 Ans = iii

29 Ans = ii

30 Ans = iii

31 Ans = i

32 Ans = ii

33 Ans = ii

34 Ans = i

35 Ans = ii

36 Ans = ii

37 Ans = iv

38 Ans = i

39 Ans = iii

40 Ans = iii

41 Ans = iv

42 Ans = ii

43 Ans = iii

44 Ans = ii

45 Ans = iv

46 Ans = ii

47 Ans = iv

48 Ans = i

49 Ans = ii

50 Ans = ii

Go to Mock Test