

Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021)

Course Name - --General Pathology And Microbiology

Course Code - BMLT203

* You can submit the form ONLY ONCE.

* Fill the following information for further process.

* Required

1. Email *

2. Name of the Student *

3. Enter Full Student Code *

4. Enter Roll No *

5. Enter Registration No *

6. Enter Course Code *

7. Enter Course Name *

8. *

Mark only one oval.

- Diploma in Pharmacy
- Bachelor of Pharmacy
- B.TECH.(CSE)
- B.TECH.(ECE)
- BCA
- B.SC.(CS)
- B.SC.(BT)
- B.SC.(ANCS)
- B.SC.(HN)
- B.Sc.(MM)
- B.A.(MW)
- BBA
- [B.COM](#)
- B.A.(JMC)
- BBA(HM)
- BBA(LLB)
- B.OPTOMETRY
- B.SC.(MB)
- B.SC.(MLT)
- B.SC.(MRIT)
- B.SC.(PA)
- LLB
- [B.SC\(IT\)-AI](#)
- B.SC.(MSJ)
- Bachelor of Physiotherapy
- B.SC.(AM)
- Dip.CSE
- Dip.ECE
- [DIP.EE](#)
- DIP.CE

- [DIP.ME](#)
- PGDHM
- MBA
- M.SC.(BT)
- M.TECH(CSE)
- LLM
- M.A.(JMC)
- M.A.(ENG)
- M.SC.(MATH)
- M.SC.(MB)
- MCA
- M.SC.(MSJ)
- M.SC.(AM)
- M.SC.CS)
- M.SC.(ANCS)
- M.SC.(MM)
- B.A.(Eng)

Answer all the questions. Each question carry one mark.

9. 1. Gram staining was developed by *

Mark only one oval.

- Louis Pasteur
- Anton Leeuwenhoek
- Christian Gram
- Joseph Lister

10. 2. Which of the following statement is true regarding Gram (+) bacteria *

Mark only one oval.

- Cell wall has a thick peptidoglycan layer
- Lipid is absent or less
- Polysaccharide is present
- All of these

11. 3. After ethanol treatment, Gram (-) bacteria can be visualized *

Mark only one oval.

- Only upon counter staining with Safranin
- In violet color of Crystal violet
- Only upon addition of iodine
- None of these

12. 4. Bacteria synthesize loose amorphous organic exopolymer which is deposited outside and tightly to cell wall called *

Mark only one oval.

- Capsule
- Pili
- Outer membrane
- Cell wall

13. 5. Main site for *S. aureus* colonization is *

Mark only one oval.

- Skin
- Nose
- Mucous
- Eye

14. 6. Gram-negative bacteria are usually resistant to? *

Mark only one oval.

- Streptomycin
- Tetracyclin
- Penicillin
- Ampicillin

15. 7. *Bacillus* is a genus of bacteria that also refers to what cell shape? *

Mark only one oval.

- Spherical
- Sarcina
- Comma
- Rod

16. 8. Under microscope, which organism would appear as a grape-like cluster of round cells? *

Mark only one oval.

- Vibrio
- Staphylococcus
- Streptococcus
- Sarcina

17. 9. The ability of bacteria to change their morphological form frequently is referred to as *

Mark only one oval.

- Lysogeny
- Pleomorphism
- Alteromorphism
- None of these

18. 10. Bacterial cell wall is made up of *

Mark only one oval.

- Chitin
- Peptidoglycan
- Slime layer
- Cellulose

19. 11. What is the correct order of staining reagents in Gram-Staining? *

Mark only one oval.

- Crystal violet--alcohol--iodine solution--safranin
- Crystal violet--safranin--alcohol--iodine solution
- Iodine solution--crystal violet--alcohol--safranin
- Crystal violet--iodine solution--alcohol--safranin

20. 12. Bacterial flagella is made up of *

Mark only one oval.

- Chitin
- Tubulin
- Microtubule
- Flagellin

21. 13. Extra chromosomal, double-stranded, self-replicating, circular DNA molecule is *

Mark only one oval.

- Phagemid
- Plasmid
- Cosmid
- None of these

22. 14. Growth curve of bacteria consists of: *

Mark only one oval.

- 6 distinct phases
- 8 distinct phases
- 4 distinct phases
- 2 distinct phases

23. 15. Generation time of Escherichia coli is *

Mark only one oval.

- 20 h
- 20 min
- 60 min
- 1 day

24. 16. The organism which grows best above 45°C are called *

Mark only one oval.

- Psychrophilic
- Mesophilic
- Thermophilic
- All of these

25. 17. Phase of bacterial growth in which bacterial parent cell does not divide but metabolic activity is vigorous, named as

Mark only one oval.

- Log phase
 Lag phase
 Stationary phase
 Death phase

26. 18. In the growth equation: $n = 3.3 (\log_{10}N - \log_{10}N_0)$, n stands for _____ *

Mark only one oval.

- Total population
 Initial population
 Number of generations
 Growth constant

27. 19. During exponential phase, growth rate is _____ *

Mark only one oval.

- Same as generation time
 Reciprocal of generation time
 Time required for population to double
 Rate of doubling population

28. 20. In death phase there is a remarkable decrease in number of *

Mark only one oval.

- Bacteria
- Viable bacteria
- Progeny
- Dividing bacteria

29. 21. What medical term describes an abnormally rapid rate of respiration? *

Mark only one oval.

- Apnea
- Tachypnea
- Hypopnea
- Dyspnea

30. 22. Gram positive spore-forming Anaerobic Bacilli are all classified as _____ *

Mark only one oval.

- Bacteroides
- Porphyromonas
- Clostridium
- None of these

31. 23. Which of the following method can be used to determine the number of bacteria quantitatively? *

Mark only one oval.

- Streak-plate
 Spread-plate
 All of these
 None of these

32. 24. Nichrome loop is used in which of the following techniques? *

Mark only one oval.

- Streak-plate
 Spread-plate
 Roll-tube technique
 Pour-plate

33. 25. In pour-plate method, the medium should be maintained at what temperature? *

Mark only one oval.

- 37 degree C
 45 degree C
 67 degree C
 0 degree C

34. 26. Bacteria & fungi multiply best: *

Mark only one oval.

- Below 16 degree C
- Above 38 degree C
- Between 16-38 degree C
- None of these

35. 27. _____ is used to decolorize the carbol fuchsin in the acid fast stain procedure *

Mark only one oval.

- Mycolic acid
- Carbol fuchsin
- Acid alcohol
- None of these

36. 28. A visible cluster of cells that have arisen from one parent cell growing on the surface of a growth medium is called a: *

Mark only one oval.

- Inoculum
- Colony
- Coccus
- Bacterium

37. 29. Sterilization is done by autoclave, consisting exposure to steam, about *

Mark only one oval.

100°

170°

220°

121°

38. 30. Device that uses steam to sterilize equipment and other objects *

Mark only one oval.

Autoclave

Hot air oven

All of these

None of these

39. 31. Alcohol serves as *

Mark only one oval.

Sporicidal to skin

Bactericidal to skin

Antiseptic to skin

None of these

40. 32. ___ used for fumigation in OT. Sterilizing instrument *

Mark only one oval.

- Formaldehyde
- Phenol
- Halogen
- None of these

41. 33. Sterilization is making a substance free from all microorganisms *

Mark only one oval.

- Both in vegetative and sporing state
- Only in vegetative state
- Only in sporing state
- None of these

42. 34. Stuart's and Amies medium are *

Mark only one oval.

- Solid medium
- Liquid medium
- Semi-solid medium
- Biphasic medium

43. 35. The role of bacteria in causing disease was demonstrated by *

Mark only one oval.

- Robert Koch
- Joseph Lister
- Louis Pasteur
- Paul Ehrlich

44. 36. Outcome of acute inflammation *

Mark only one oval.

- Severity of tissue damage
- Type of agent that caused tissue damage
- Regeneration
- All of these

45. 37. The process by which living tissues react to injury is called *

Mark only one oval.

- Inflammation
- Repair
- Regeneration
- None of these

46. 38. When the inflammation process is prolonged then it is called *

Mark only one oval.

- Subacute
- Chronic
- All of these
- None of these

47. 39. Fibrinous inflammation is a type of : *

Mark only one oval.

- Chronic inflammation
- Subacute inflammation
- Acute inflammation
- Suppurative inflammation

48. 40. Common cause of primary chronic inflammation: *

Mark only one oval.

- Tuberculosis
- Leprosy
- Auto-immune disease
- All of these

49. 41. Resolving power of a microscope is a function of _____ *

Mark only one oval.

- Numerical aperture of lens system
- Wavelength of light used
- Refractive index
- Both wavelength of light used and numerical aperture of lens system

50. 42. The greatest resolution in light microscopy can be obtained with _____ *

Mark only one oval.

- Shortest wavelength of visible light used and an objective with the maximum numerical aperture
- Shortest wavelength of visible light used
- An objective with minimum numerical aperture
- Longest wavelength of visible light used

51. 43. In fluorescence microscopy, which of the following performs the function of removing all light except the blue light? *

Mark only one oval.

- Exciter filter
- Barrier filter
- Dichroic mirror
- Mercury arc lamp

52. 44. In light microscopy, which of the following is used as fixatives prior to staining technique? *

Mark only one oval.

- Osmic acid
- Glutaraldehyde
- Heat
- Osmic acid, glutaraldehyde, heat

53. 45. When you focus on a new specimen, always begin with *

Mark only one oval.

- Low power and coarse adjustment
- Low power and fine adjustment
- High power and coarse adjustment
- High power and fine adjustment

54. 46. Which part of the light microscope controls the intensity of light entering the viewing area? *

Mark only one oval.

- Coarse adjustment screw
- Fine adjustment screw
- Condenser lens
- Diaphragm

55. 47. In Phase contrast microscopy, the rate at which light enters through objects is _____ *

Mark only one oval.

- Constant
- Inversely proportional to their refractive indices
- Directly proportional to their refractive indices
- Exponentially related to their refractive indices

56. 48. The transmission electron microscope has the greatest resolving power because it uses an electron beam to view the sample instead of a light beam. The electron beam is used because *

Mark only one oval.

- Electrons have longer wavelengths than light waves
- Electrons do not penetrate the sample
- Electrons have shorter wavelengths than light waves
- Electrons are less invasive.

57. 49. The total magnification of a microscope is calculated by: *

Mark only one oval.

- Multiplication of the objective lens and ocular lens magnification powers
- Addition of the objective lens and ocular lens magnification powers
- Multiplication of the objective lens and condenser lens magnification powers
- The objective lens power squared

58. 50. Name the organisms that is/are an important cause of UTI (urinary tract infections): *

Mark only one oval.

- Klebsiella pneumoniae
- Escherichia coli
- Proteus mirabilis
- All of these

59. 51. The cogulase test is used to differentiate _____ *

Mark only one oval.

- Staphylococcus epidermis from Neisseria meningitidis
- Staphylococcus aureus from Staphylococcus epidermis
- Streptococcus pyogens from Staphylococcus aureus
- Streptococcus pyogens from Enterococcus faecalis

60. 52. The first vascular response to injury is _____ *

Mark only one oval.

- Arteriolar vasoconstriction
- Slowing of the circulation
- Venular dilatation
- Capillary enlargement

61. 53. Which of the following cell types would be most characteristic of the inflammatory response accompanying a leaking silicone breast implant: *

Mark only one oval.

- Eosinophil
- Mast cell
- Giant cell
- Plasma cell

62. 54. Any of the following may be either an etiology or an outcome of venous thrombosis of the lower extremities except: *

Mark only one oval.

- Sudden death
- A protein C or S deficiency
- A femoral intravenous catheter
- Thrombocytopenia

63. 55. Which substance functions intracellularly in cells involved in wound healing is: *

Mark only one oval.

- Fibronectin
- Tyrosine kinase
- Collagen
- Laminin

64. 56. Which disease is not caused by excessive rate of apoptosis: *

Mark only one oval.

- AIDS
- Cancer
- Sneezing
- Atrophy

65. 57. Programmed cell death is termed as _____ *

Mark only one oval.

- Apoptosis
- Cell cycle
- Oxidative stress
- Cell division

66. 58. Prolonged ischemia is most characteristic of: *

Mark only one oval.

- Acute myocardial infraction
- Tuberculosis
- Acute pancreatitis
- Cerebral infarct

67. 59. Which of the following terms refer to a malignant tumor of mesenchymal origin? *

Mark only one oval.

- Carcinoma
- Hepatoma
- Hematoma
- Sarcoma

68. 60. Pathology is *

Mark only one oval.

- The study of human brain
- The study of bones
- The study of blood
- The study of disease

This content is neither created nor endorsed by Google.

Google Forms