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BT102-Microbiology MCQs FINAL TERM (PAST PAPERS)

1. **Peripheral proteins_____ loosely connected and soluble in water**
2. **Plasmid_____ extrachromosomal circular DNA**
3. **Mesophils optimum temp_____is 37**
4. **Unicellular fungi is _____yeast**
5. **Asexual spores are formed by_____ mitosis**
6. **Mycobiont is_____fungi**
7. **ELISA is used for_____Antigen and antibody**
8. **Western blotting is used for_____proteins**
9. **Consistently present but with low incidence_____endemic**
10. **Which is not belong to innate immunity_____specific**
11. **Which is not lymphocyte_____monocytes**
12. **Which is not belong to ELISA_____Probe**
13. **Extreme halophiles require high salt concentration_____30%**
14. **pH of mold is** Download More Files from VUAnswer.com **_____ 5-6**
15. **which do not grow in the presence of o2_____ Obligate anaerobes**
16. **the process in hot air sterilization is _____ oxidation**
17. **which is not a method of direct count_____ Spectrophotometer**
18. **resolution of microscope is_____ 0.2µm**
19. **persisitent infection _____Viruses replicate slowly**
20. **cell wall is absent in_____ mycoplasma**
21. **Resolution of Electron Microscope _____0.2nm**
22. **Ribosomes made up of _____mRNA and protein**
23. **Rings of basal body of gram negatives_____ 4**
24. **Gram negative appears on stain _____red**
25. **Basic dye methylene _____blue**
26. **Rat bite fever caused by _____ Spirillum minus**
27. **High salt concentration used by obligat halophiles_____30%**
28. Acellular... viruses
29. Resolution of Electron Microscope....0.2nm
30. Ribosomes made up of... mRNA nd protein
31. Rings of basal body of gram negatives.....4
32. Gram negative appears on stain...red
33. Basic dye.... methylene blue
34. Robrthook draws microbe in.....
35. Rat bite fever caused by.... Spirillum minus
36. High salt concentration used by obligat halophiles.... 30%
37. Small small colonies type name...
38. Direct count method...membrane filter
39. Study of fungi...mycology
40. Standard condition for hot air oven....170*C for 2hours
41. Autoclaving at... ?121*C 15psi 120min
42. EtO do not use...1500mg/ml
43. Optimum pH for molds is...5 -6

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44. Peripheral proteins----------loosely connected and soluble in water
45. Plasmid--------extrachromosomal circular DNA
46. Mesophils optimum temp. is 37
47. Unicellular fungi is yeast
48. Asexual spores are formed by mitosis
49. Mycobiont is---------fungi
50. ELISA is used for Antigen and antibody
51. Western blotting is used for proteins
52. Consistently present but with low incidence endemic
53. Which is not belong to innate immunity specific

54. Which is not lymphocyte monocytes
55. Which is not belong to ELISA Probe
56. which do not grow in the presence of O_2 Obligate anaerobes the process in hot air sterilization is oxidation
57. which is not a method of direct count Spectrophotometer persisitent infection --------Viruses replicate slowly
58. cell wall is absent in mycoplasma
59. Hot air oven temperature is 170degree for 2 hour
60. Example of binguanides is chlorohexidine
61. Bacteriophage is virus infecting bacteria
62. Sight of entry through which microorganism enter body? 5.
63. Plasmid is single stranded or double
64. Lime disease is caused by:
65. Proteins are separated by gel electrophoresis
66. Structural support is provided by core polysaccharides
67. Cell wall is absent in mycoplasma
68. Alpha hemolysis gives greenish halo colour
69. Study of fungi is mycology
70. 30S ribosome contain 2rRNA
71. 70 % alcohol is more effective
72. Microbiology definition
73. Epidemiology
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74. Algal body is thallus
75. Obligate halophiles live in30% salt
76. Specimen or sample is placed on stage
77. Mycobacterium is stained by acid fast staining
78. Pilli transfer DNA from one bacterium to other
79. Half of the dry weight of microbe is carbon
80. Hot air method is 121 degree at 15psi for 20min
81. Peripheral proteins are loosly connected and soluble in water
82. Mesophils optimum temperature is 37
83. A sexual spore is formed by mitosis or meiosis
84. Mycobiont is fungi
85. Elisa is used for antigen and antibody
86. Consistently present but with low incidence is endemic
87. Which not belong to innate immunity? Specific
88. Which is not lymphocyte? Monocytes
89. Probe not belong to elisa
90. Process in hot air sterilization is oxidation
91. Spectrophotometer is not a method of direct count
92. Virus replicates slowly
93. Cell wall absent in mycoplasma
94. Water molecules pass through aquaporines

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BT102 FINAL TERM MCQS AND SUBJECTIVE (NOTES)

Created by Aftab Ahmed and Irtaza Ali

1. Hot air oven temperature is _____ **170degree for 2 hour**
2. Example of Biguanides is_____ **chlorohexidine**
3. _____ is virus infecting bacteria. **Bacteriophage**
4. Sight of entry through which microorganism enter body. **Portals of entery**
5. Plasmid is _____ stranded **Double**
6. Lyme disease is caused by. _____**BORRELIA BURGDORFERI**
7. Proteins are separated by_____ **Gel electrophoresis**
8. Structural support is provided by ____.**core polysaccharides**
9. Cell wall is absent in ____.**Mycoplasma**
10. Alpha hemolysis make _____**GREENISH HALO**
11. Study of fungi is_____. **Mycology**
12. 30S ribosome contain _____.**2rRNA**
13. _____ % alcohol is more effective. **70%**
14. Study of microbes is called _____**Microbiology**
15. Monitoring disease in a population. _____**EPIDEMIOLOGY**
16. Algal body is___. **Thallus**
17. Obligate halophiles live in_____. **30% salt**
18. Specimen or sample is placed on____. **Stage**
19. Mycobacterium is stained by ____**acid fast staining**
20. **Pilli_____**transfer DNA from one bacterium to other
21. Half of the dry weight of microbe is **_____carbon___**
22. Hot air method is_____. **121 degree at 15psi for 20min**
23. _____proteins are loosly connected and soluble in water. **Peripheral**
24. Mesophils optimum temperature is_____. **37°C**
25. A sexual spore is formed by___ _____**Mitosis**
28. Consistently present but with low incidence is_____. **Endemic**
29. Which is not lymphocyte____. **Monocytes**
30. Process in hot air sterilization is _____.**Oxidation**
31. Water molecules pass through____. **Aquaporines**

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32. Direct count method _____.**Membrane filter**

33. Extra chromosomal circular DNA ___.**Plasmid**

34. Unicellular fungi is ____.**yeast**

35. Mycobiont is _____.**fungi**

36. ELISA is used for_____. **Antigen and antibody**

37. Western blotting is used for ____.**Proteins**

38. Which is not belonging to innate immunity? ____ **Specific**

39. Which is not belonging to ELISA_____ **Probe**

53. Which do not grow in the presence of O2 ___.**Obligate anaerobes**

54. Which is not a method of direct count_____ **Spectrophotometer**

55. Persistent infection: Virus replicates but _____**slowly**

56. Which of the following is not bacterial gene transfer method_____ **Transfection**

57 Which one is correct answer regarding sterilization_____.**Removel of microbes and their spores.**

58. Ethylene oxide is strongly alkylating agent that kills the microbes reacting with the functional group of _____to block replication and enzymatic activity. **____DNA**

59. ____ is the transfer of DNA by a virus called bacteriophage.__**Transduction**

60. Transformation is the horizontal gene transfer between two_____. **Bacteria**

61. The primary stain of gram method is_____. **Crystal violet**

62. Antigen antibody reaction is a _____method for microbial identification. _____**Serological**

63. Phenol and phenolic compound is widely used antiseptic for disruption .**Plasma membrane**

64. Buffer are used to maintain ____in medium. ____**pH**___

65. Protains could be detected by ._____ **Gel electrophoresis**

66. The halogen iodine and chlorine inhabit ____function. ____**Protein**_____

67. Proteins from microbes are separated by _____. Electrophoresis

68. Endospores are stained with _____**Malachite green**

69. Vaccine of small pox _____ **Edward Jenifer**

70. _____alcohol is more effective than 100% _____**70%**

80. Hot air sterilized by _____ **Oxidation**

81. F means ____ **Fertility factor**

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82. Bacteriophage is a _____**Virus**

83. The study of the evolutionary history of organism's _____ **Systematics/Phylogeny**

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84. Mycobiont is example of _____**Fungi**

85. Infectious circular RNA of plants_____**Viroid**

86. Consistently present, but with low incidence_____**Endemic**

1- The mode of action of chemicals to control micro-organism is the _____. **Phenol and phenolics**

2- Sight of entry through which micro-organism gain access to the body-_____ **Mucosal membrane**

3- Not true for virosoids_____. **dsDNA**

4- Fungi get CO2 from_____ **ORGANIC MATTER**

5- Prokaryotes are devided by_____ **MITOSIS**