



QUESTION BANK

DEPARTMENT OF MICROBIOLOGY

Govt. E. Raghavendra Rao Postgraduate Science College Bilaspur (CG)

Model Questions: Objective Test Questions

(Only potential correct answer either in one word or more words)

Bacteriology-

Sl. No.	Questions
1	Which component of nutrient agar acts as a buffer?
2	What is the chemical nature of capsule of the bacterium <i>Diplococcus pneumoniae</i> ?
3	Out of Nacetyl glucosamine and N- acetyl muramic acid to which sugar unit the tetrapeptide chain of amino acids is attached?
4	What % of ethyl alcohol is used as a decolorizing agent in Gram staining?
5	Which chemical substance is added as a mordant in Carbol Fuchsin stain in Zeihl Neelson acid fast staining?
6	What is the type of flageller arrangement in which the flagella are present all over the bacterial surface called as?
7	What type of flagella is present in the bacterium <i>Vibrio cholerae</i> ?
8	What type of arrangement of endospore is observed in the bacterium <i>Clostridium tetani</i> ?
9	What is the group of bacteria utilising sunlight, inorganic carbon and nitrogen as their energy source called as?
10	Due to presence of which chemical the bacterial endospores appears refractile?
11	Write the name of the bacterium which is used as a sterilization control during autoclaving?
12	Write the name of the bacterium which is a causal organism of the disease Typhoid.
13	Which is the most suitable method routinely used in the laboratory to sterilize plastic wares?
14	How much pressure is achieved in an autoclave when it is heated at 121.5° c for 20 minutes?
15	Under which category does phenyl comes under, an antiseptic or disinfectant?
16	What are compounds prepared with iodine used for disinfection purpose named as?
17	What is the type of hemolysis termed as when colonies are surrounded by clear zone on blood agar?
18	What colour will be shown by <i>E.coli</i> when it is cultured on Macocnkey agar having neutral red indicator?
19	Write the name of the chemical which confers metallic sheen on the colonies of <i>E.coli</i> cultured on Eosine methylene blue agar?
20	What is the color of the colony of <i>Mycobacterium tuberculosis</i> on L.J. culture medium?

Qt. No.	Answer	Qt. No.	Answer
1	Peptone	11	<i>Bacillus sterothermophilus</i>
2	Polysaccharide	12	<i>Salmonella typhi</i>
3	N- acetyl muramic acid	13	Autoclaving
4	95%	14	15lbs
5	Phenol crystals	15	Disinfectant
6	Peritrichous	16	Iodophores
7	Polar flagella	17	Beta haemolysis
8	Terminal	18	Pink
9	Photoautotrophs	19	Eosine
10	Calcium dipicolinate	20	Buff