



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)

General Microbiology –

Sl. No.	Questions
1	Who is recognized as the Father of Microbiology?
2	Who is regarded as the Father of Medical Microbiology?
3	Who is the founder of Soil Microbiology? OR Who is called the father of Soil Microbiology?
4	Which is the causal organism of the disease Cholera?
5	Who proposed the 'Germ Theory of Diseases'? OR 'Germ Theory of Diseases' is created by whom?
6	Which reagent is used to detect the production of enzyme Amylase?
7	Which staining technique is used to observe bacterial endospores?
8	Who discovered Petri plates?
9	What is the nature of genetic material present in <i>E. coli</i> bacterium?
10	Which component of nutrient agar media acts as a buffer?
11	What is the chemical nature of capsule of the bacterium <i>Diplococcus pneumoniae</i> ?
12	Out of N-acetyl glucosamine and N- acetyl muramic acid to which sugar unit the tetrapeptide chain of amino acids is attached?
13	What % of ethyl alcohol is used as a decolorizing agent in Gram staining?
14	Which chemical substance is added as a mordant to Carbol Fuchsin stain in Zeihl Neelson acid fast staining?
15	What is the type of flageller arrangement in which the flagella are present all over the bacterial surface called as?
16	What type of flagella is present in the bacterium <i>Vibrio cholerae</i> ?
17	What type of arrangement of endospore is observed in the bacterium <i>Clostridium tetani</i> ?
18	What is the group of bacteria utilising sunlight, inorganic carbon and nitrogen as their energy source called as?
19	Due to presence of which chemical the bacterial endospores appears as refractile?
20	Write a name of the bacterium which is used as a sterilization control during autoclaving?
21	Which is the causal organism of the disease Typhoid?
22	Which is the most suitable method routinely used in the laboratory to sterilize culture media?
23	How much pressure is achieved in an autoclave when it is heated at 121.5° c for 20 minutes?
24	Under which category does phenyl comes under, an antiseptic or disinfectant?
25	What are compounds prepared with iodine used for disinfection purpose named as?
26	What is the type of hemolysis termed as when colonies are surrounded by clear zone on blood agar?
27	What colour will be shown by <i>E.coli</i> when it is cultured on Macocnkey agar having neutral red indicator?
28	Give name of the chemical which confers metallic sheen on the colonies of <i>E. coli</i> bacterium cultured on Eosin methylene blue agar?
29	Write a name of bacterium which possess metachromatic granules.
30	Give the name of bacterium which is present in curd.

Qt. No.	Answer	Qt. No.	Answer	Qt. No.	Answer
1	<i>Antoni Van Leeuwenhoek</i>	11	<i>Polysaccharide</i>	21	<i>Salmonella typhi</i>
2	<i>Louis Pasteur</i>	12	<i>N- acetyl muramic acid</i>	22	<i>Autoclaving</i>
3	<i>Sergei Winogradsky</i>	13	70%	23	15lbs
4	<i>Vibrio cholerae</i>	14	<i>Phenol crystals</i>	24	<i>Disinfectant</i>
5	<i>Louis Pasteur</i>	15	<i>Peritrichous</i>	25	<i>Iodophores</i>
6	<i>Iodine</i>	16	<i>Polar flagella</i>	26	<i>Beta haemolysis</i>
7	<i>Schaffer Fulton staining</i>	17	<i>Terminal</i>	27	<i>Pink</i>
8	<i>Richard Petri</i>	18	<i>Photoautotrophs</i>	28	<i>Eosin</i>
9	<i>ds DNA</i>	19	<i>Calcium dipicolinate</i>	29	<i>Corynebacterium diptheriae</i>
10	<i>Peptone</i>	20	<i>Bacillus sterothermophilus</i>	30	<i>Lactobacillus</i>