Questionbank Biology

Unit -VIII Chapter-10. Microbes and Human Welfare IMPORTANT POINTS

Virus, bacteria, fungi, algae, protozoan are microscopic in size hence known as microbes or microorganism. This are harmful as well as useful to human being. They are found in all types of habitates.

They are exploited in different fields by modern technology. Bacteria and fungi are used in making household products such as curd, dosa and idli, bread, beverages etc. Different types of pharmacuitcal products are the result of reaction done by microbes. They produces antibodies, carbonicoied, alcohol, enzymes, protien, steroids etc. Microbes are important in fuel energy production.

Sewage treatment plants and bilogas plants are possible due to such of microbes only. Biogas is mixture of methane, co_2 and which are used in fuel energy.

Bacteria, fungi, algae, virus are used in biocontrol and biofertilisers in agriculture. We should use such chemical instead of synthetic artificial chemical in our life cycle.

1.	Which organisms are useful for the knowledge of biotechnology and genetic engineering				
	(a) Animals	(b) Plants			
	(c) Micro Organism	(d) None of them			
2.	Which bacteria gives protection	on against gestiric injury ?			
	(a) Methenogins	(b) Lecto Bacillus			
	(c) Lecto Cocas	(d) Lecto Strepto			
3.	Which micro-organism are us	eful in fermantation of dough for the idli and dhosa ?			
	(a) Bacteria	(b) Protozua			
	(c) Fungus	(d) Virus			
4.	Which is useful to obtainace a	cetic acid?			
	(a) Aspergillus niger	(b) Clostridium Butirycun			
	(c) Acetobactor aceti	(d) Saech arhomyces Cerreui Siae			
5.	Which is one correct for the a	mino acid ?			
	(a) L-melic acid	(b) L-Lycin			
	(c) L-aluconic Acid	(d)(a)&(c) both			
6.	Which is useful to remove the	oily stains in laundry ?			
	(a) Renin (b) Protease	(c) Amaylase (d) Lipase			
7.	Which one correct option for	fermantation?			
	(a) To prepare pickle from vegetable and savour fruits				
	(b) To prepare food for cattle				
	(c) To prepare some vitamins				
	(d) In production of some Enz	ymes 175			
		475			

	Qu	uestionbank Biology					
	Which is useful to remove weeds in agriculture ?						
	(a) Pesticides (b) Weedici	ide (c) Fungicide	(d) Insecticides				
	Which metabolic process is performe	ed by bectaria in biogas plant?					
	(a) Aerobic Respiration	(b) Cellular Respiration					
	(c) Anerobic Respiration	(d) Internal Respiration					
).	IARI means						
	(a) India Agriculture Research Institute						
	(b) International Agrochemical Research Institute						
	(c) Indian Agrochemical Research Ins	titute					
	(d) Indian Agriculture Resource Institute						
	Which organism is useful to form biofertiliser?						
	(a) Glomus	(b) Cynobacteria					
	(c) Azospirillum	(d) All the given					
	Which organic compuned is useful to prepare Encilage ?						
	(a) Vitamin (b) Protien						
	(c) Lipid (d) Carbohydrates						
	Which one is produce by the help of A	Arebia gossipae ?					
	(a) Riboflavin (b) Steriods	s (c) Statins	(d) Lycin				
14.	Which is irrelavant for mychorrhiza?						
	(a) Absorb of phosphorous	(b) Increase Immu	nity				
	(c) Fixation of Free N_2	(d) Protectes again	(d) Protectes against salinity and draought				
•	Which group is true for the Enzymes	of micro organism ?					
	(a) Amylase, Protease, Lipase, Protea	ase.					
	(b) Glycin, Renin, Lipase, Melic Acid						
	(c) Lipase, Protease, Lipase, Amylase	e					
	(d) Glyconic acid, protease, Lipase, A	Amylose					
•	Which fungus is useful to prepare bre	ad?					
	(a) Rhizopus nigricans	(b) Saecharhomyces Cerre	evisiae				
	(c) Clostridium Butirycum	(d) Asper Gillus Niger					
΄.	Find odd sentences out :-						
	(a) Ethenol is used as a fuel in Brazil.						
	(b) Toddy is prepared from palm tree in north India.						
	(c) Micro organism are useful to prep	are enzymes, protienes and ste	riods.				
	(d) Penicillin is prepared from penicilli	um notatum.					
3.	Which micro organism is useful to ob	tain short chain fatty acids ?					
	(a) Saecharhomyces Cerrevisiae	(b) Azeto bacter aciti					
	(c) Clostridium butirycum	(d) Aspergillus niger					

19.	My chorrhiza means (a) Symbiosis between (b) Symbiosis between (c) Symbiosis between (d) Symbiosis between	n fungus and plants				
	(b) Symbiosis betwee(c) Symbiosis betwee	• •				
	(c) Symbiosis between	n plant and bacteria				
	· · · •					
	(d) Cumbiosis between	n algae and fungus				
	(d) Symbiosis between	n michorrrhiza of fung	gus of water and bact	eria		
20.	In production of whic	h carbonic acid, Aspen	rgillus niger is useful	?		
	(a) Citric acid	(b) Butyric acid	(c) Acetic acid	d (d) Palmitic acid		
21.	Which one is related w	vith steriods ?				
	(a) Citric acid	(b) Butyric acid	(c) Acetic acid	d (d) Palmitic acid		
22.	Which is used to prev	ent blood clotting in b	blood vessels ?			
	(a) Steriods	(b) Cyclo sporin-	A (c) Streptokin	ase (d) Stetins		
23.	Which is to be used in	production of swiss	cheese ?			
	(a) Monoscus Purpure	eus (t	o) Clostridium bacteri	ium		
	(c) Lacto Bacillus	(0	d) Saecharhomyces (Cerrevisiae		
24.	Which option is relate	d with the utility of lea	ctic acid?			
	(a) In fermantation, to prepare pickle (b) useful for preparing curd from milk					
	(c) To increase the qua	ality of vitamin B_{12} (c	d) All the given.			
25.	Which one is useful as	a immunosuppresive	agent in organ trans	plant ?		
	(a) Cyclosprin-C	(b) Cyclosporin-I				
	(c) Cyclosporin-A	(d) All the given				
26.	Which bacteria is usef	ul for purification in se	ewage treatment ?			
	(a) Hetrotrops	(b) Symbiont				
	(c) Free living	(d) Parasist				
27.	Which assertion is con	rrect?				
	(a) There is role of min	nistry of forest and env	vironment in develop	ing biogas technology.		
	(b) Micro organism as	re used as a bio contr	rol agent by IARI.			
	(c) Biofertilisers are us		_	ation.		
	(d) Chemical fertiliser		ertiliser.			
28.	To which, function bac	culo virus is involve ?				
	(a) Produces deases some arthropods and insect.					
	(b) Produces deases i	n todes neme.				
	(c) Produces deases in	n fungus.				
	(d) Produces Insectisi					
29.	Which one is related w					
	(a) Streptokinase - To	-	ıg.			
	(b) Cyclosporin-A-I	mmunosuppresser				
	(c) Stetins - Decrease	s the cholesterole in b	blood			
	(d) All the given					
			477			

	Questio	onbank Biology				
30.	Full form of BOD.					
	(a) Biological Oxygen Demand	(b) Bio Oxygen Demand				
	(c) Biochemical Oxygen Demand	(d) Biochemical Oxygen Degr	eadable			
31.	Which is the group of autotroph micro org					
	(a) Anabaena, Nostoc, Glomus, Trichoder					
	(b) Aceletoria, Anabaena, Cynobacteria, Rhizopus.					
	(c) Nostoc, Aspergilus, Anabaena, Rhizop	ous				
	(d) Acelatoria, Anabaena, Nostoc, Cynob	acteria.				
32.	By which process floating debris and grit	are removed in STPs respectiv	vely?			
	(a) Filteration and Sedimentation	(b) Filteration and Distilation				
	(c) Sedimentation and Filteration	(d) Only Filteration				
33.	Which is useful to control Nematodes in c	cearel crops ?				
	(a) Bionemotocides (b) Fungicides	(c) Weedicides	(d) Incecticeides			
34.	Which sentence is odd?					
	(a) Progesteron is useful as a immuno sup	pressor				
	(b) Stetins is useful to reduse cholesterole					
	(c) Streptokines is useful to prevent blood clotting					
	(d) Lipase is useful to remove oily stains					
35.	Which micro organism is involved in flock	as as well as in michorrhiza ?				
	(a) Bacteria (b) Virus	(c) Fungus	(d) Algae			
36.	Find odd group out :-					
	(a) Carbomycin, bactitracin, tetracytidine,	fumagillin				
	(b) Butaric acid, Isotric acid, Lectic acid,	Melic acid				
	(c) Amylase, Protease, Lipase, Csellulase					
	(d) Glucomylase, Renin, Glucose Oxicide					
37.	Which pest is obtained from Pseudonona	s ?				
	(a) Quantum-400 (b) Quantum-40	000 (c) Quantum-40000	(d) Quantum-40			
38.	Which organism is useful to prepare Alcol	hol?				
	(a) Saccherohmy Ceribicie	(b) Streptomycis Sacc	heromysis			
	(c) Streptococus cerbicie	(d) Saccherohmycis C	erevisiae			
39.	Which pair is odd ?					
	(a) Rhizobium-Symbiotic bacteria	(b) Glamus-Symblotic	fungus			
	(c) Trichoderma-Free living bactaria (d) Azatobector-Free living bactaria					
40.	Which is correct sequence for purification	n process of STPs ?				
	(a) Primary Sludge \rightarrow Effluent \rightarrow Flocks	\rightarrow Active Sludge \rightarrow Biogas				
	(b) Flocks \rightarrow Primary Sludge \rightarrow Effluent	\rightarrow Active Sludge \rightarrow Biogas				
	(c) Primary Sludge \rightarrow Effluent \rightarrow Active	• •				
	(d) Effluent \rightarrow Flocks \rightarrow Primary Sludge	\rightarrow Active Sludge \rightarrow Biogas				
		478				

42. Effluent means (a) Water remaining under the primary sludge. (b) Solid compunds of the sedimentation (c) Water remaining over the primary sludge (d) Flocks forms from the primary sludge. 43. Which group of micro organism is useful as a bio control agent ? (a) Cynobacteria, Bacula virus, Trichoderma (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH ₂ , CO ₂ H ₂ S (b) CH ₂ , CO ₂ H ₂ S (c) CH ₂ , CO ₂ H ₂ S (d) CH ₃ , CO ₂ H ₂ S (d) CH ₂ , CO ₂ H ₂ S (d) CH ₂ , CO ₂ H ₂ S (d) CH ₂ , CO ₂ H ₂ S (d) All the given 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (e) Trichoderma and Rhizopus (d) Sactaria which associated with the mychoriza of the fungus of water (b) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Integrated pest control managemen 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of th 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tant (c) At end of process biogas is forme			Questionban	k Biology			
 42. Effluent means (a) Water remaining under the primary sludge. (b) Solid compunds of the sedimentation (c) Water remaining over the primary sludge. 43. Which group of micro organism is useful as a bio control agent ? (a) Cynobacteria, Bacula virus, Trichoderma (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH₂, CO₂, H₂S (b) CH₂, CO₂, H₂S (c) CH₂, CO₂, H₂S (d) CH₂, CO₂, H₂S (e) CH₂, CO₂, H₂S (f) Deered is a subsetul in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (e) Trichoderma and Rhizopus (f) Sactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria tank, Aeration tank (b) Aeration tank, Effluent tank	41.	Which product is sy	nthesized by micro organis	m at commerical level	for mankind ?		
(a) Water remaining under the primary sludge. (b) Solid compunds of the sedimentation (c) Water remaining over the primary sludge (d) Flocks forms from the primary sludge. (a) Cynobacteria, Bacula virus, Trichoderma (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH ₄ , CO ₂ H ₂ S (b) CH ₃ , CO ₂ H ₂ S (c) CH ₂ , CO ₂ H ₂ S (d) CH ₄ , CO ₂ H ₂ S (e) CH ₂ , CO ₂ H ₂ S (f) CH ₂ , CO ₂ H ₂ S (h) CH ₃ , CO ₂ H ₂ S (h) CH ₃ , CO ₂ H ₂ S (c) CH ₂ , CO ₂ H ₂ S (d) CH ₃ , CO ₂ H ₂ S (d) CH ₃ , CO ₂ H ₂ S (d) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 45. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Associated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (c) Aeration tank, Settling tank (d) Effluent tank, Effluent tank (c) Aeration tank, Settling tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment 40. Nanearoble tank 41. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tani (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO ₂ (b) CH ₄ (c) H ₂ S (c) H ₂ S (d) CH ₃		(a) Vaccine	(b) Biofuel	(c) Alcohol	(d) All the given		
(b) Solid compunds of the sedimentation (c) Water remaining over the primary sludge (d) Flocks forms from the primary sludge. 43. Which group of micro organism is useful as a bio control agent ? (a) Cynobacteria, Bacula virus, Trichoderma (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH ₂ , CO ₂ H ₂ S (b) CH ₃ , CO ₂ H ₂ S (c) CH ₂ , CO ₂ H ₂ S (d) CH ₄ , CO ₂ H ₂ S (d) CH ₄ , CO ₂ H ₂ S (d) CH ₂ , CO ₂ H ₂ S (d) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 45. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (e) Trichoderma and Rhizopus (f) Bactaria which associated with the mychorriza of the fungus of soil (d) Bactaria which associated with the mychorriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control managemen 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of th 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanl (c) At end of process biogas is	42.	Effluent means					
(c) Water remaining over the primary sludge (d) Flocks forms from the primary sludge. 43. Which group of micro organism is useful as a bio control agent ? (a) Cynobacteria, Bacula virus, Trichoderma (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH ₄ , CO ₂ H ₂ S (c) CH ₂ , CO ₂ H ₂ S (d) CH ₃ , CO ₂ H ₂ S (d) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Associated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (c) Aeration tank, Settling tank 49. Who has established Ganga and Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment 40. Integrated pest control managemen 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of th 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tani (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO ₂ (b) CH ₄ (c) H ₂ S (d) CH ₃ (c) H ₂ S (d) CH ₃		(a) Water remaining	gunder the primary sludge.				
 (d) Flocks forms from the primary sludge. 43. Which group of micro organism is useful as a bio control agent ? (a) Cynobacteria, Bacula virus, Trichoderma (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH₄, CO₂ H₂S (b) CH₃, CO₂ H₂S (c) CH₂, CO₂ H₂S (d) CH₄, CO₂ H₂S (d) CH₄, CO₂ H₂S (e) CH₂, CO₂ H₂S (f) CH₂, CO₂ H₂S (g) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Associated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank, Anearoble tank 49. Who has established Ganga and Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of th 51. Which statement is correct for STPS ? (a) Value of BOD is decrease in effluent. <l< td=""><td></td><td>(b) Solid compunds</td><td>of the sedimentation</td><td></td><td></td></l<>		(b) Solid compunds	of the sedimentation				
 43. Which group of micro organism is useful as a bio control agent ? (a) Cynobacteria, Bacula virus, Trichoderma (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH₄, CO₂ H₂S (b) CH₃, CO₂ H₂S (c) CH₂, CO₂ H₂S (d) CH₄, CO₂ H₂S (e) CH₂, CO₂ H₂S (f) CH₃, CO₂ H₂S (g) Hypo geal (h) Aerobic (c) Free living (d) Aneorobic 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Rhizopus (d) Trichoderma and Rhizopus (d) Trichoderma and Rhizopus (e) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectivel? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Althe given 50. What is sedimantated flocks ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for		(c) Water remaining	over the primary sludge				
(a) Cynobacteria, Bacula virus, Trichoderma (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH ₄ , CO ₂ H ₂ S (b) CH ₃ , CO ₂ H ₂ S (c) CH ₂ , CO ₂ H ₂ S (d) CH ₃ , CO ₂ H ₂ S (d) CH ₃ , CO ₂ H ₂ S (d) CH ₃ , CO ₂ H ₂ S (e) CH ₂ , CO ₂ H ₂ S (f) CH ₂ , CO ₂ H ₂ S (h) Aerobic (c) Free living (d) Aneorobic 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (e) Bactaria which associated with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of th 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanl (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO ₂ (b) CH ₄ (c) H ₂ S (d) CH ₃ (c) H ₂ S (d) CH ₃		(d) Flocks forms fro	om the primary sludge.				
 (b) Trichoderma, Psuedomonas, Bacillus Thuringiensis (c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH₄, CO₂ H₂S (b) CH₃, CO₂ H₂S (c) CH₂, CO₂ H₂S (d) CH₃, CO₂ H₂S 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Associated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga and Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO₂ (b) CH₄ (c) H₂S (d) CH₃ 	43.	Which group of mic	cro organism is useful as a b	io control agent ?			
(c) Rhizhobiam, Cynobacteria, Psuedomonas (d) All the given 44. Which gases are there in biogas ? (a) CH_4 , CO_2 H ₂ S (b) CH_3 , CO_2 H ₂ S (c) CH_2 , CO_2 H ₂ S (d) CH_3 , CO_2 H ₂ S (d) CH_3 , CO_2 H ₂ S (d) Aneorobic 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Assoicated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control managemen 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of th 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanl (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO ₂ (b) CH ₄ (c) H ₂ S (d) CH ₃	(a) Cynobacteria, Bacula virus, Trichoderma						
(d) All the given44.Which gases are there in biogas ?(a) CH_4 , CO_2 H_2S (c) CH_2 , CO_2 H_2S (d) CH_3 , CO_2 , H_2S 45.Which bacteria are useful in anaerobic sludge digestures tank ?(a) Hypo geal(b) Aerobic(c) Free living(d) Aneorobic46.Which one correct for the free living and symbiotic funges ?(a) Glomus and Rhyzopus(b) Glomus and Azospirillum(c) Trichoderma and Rhizopus(d) Trichoderma and Azospirillum47.Formation of flocks means(a) Assoicated of virus with the bacteria remains in water(b) Bactaria which associated with the mychoriza of the fungus of water(c) Bactaria which associated with the solid waste of the water48.In which tank flocks is sedimenated and forms respectively ?(a) Settling tank, Aeration tank(b) Aeration tank, Effluent tank(c) Aeration tank, Settling tank(d) Effluent tank, Anearoble tank49.Who has established Ganga nad Yamuna action plan ?(a) IARI(b) KVIC(c) Ministry of forest and Environment(d) Integrated pest control managemen50.What is sedimantated flocks ?(a) Passive sludge(b) Primary sludge(c) At end of process biogas is formed.(d) All the given52.Which odd for mixed gases which produces in anerobic sludge diagesters ?(a) CO2(b) CH4(c) H_2S (d) CH3(c) H_2S		(b) Trichoderma, Ps	suedomonas, Bacillus Thuri	ngiensis			
 44. Which gases are there in biogas ? (a) CH₄, CO₂ H₂S (b) CH₃, CO₂ H₂S (c) CH₂, CO₂ H₂S (d) CH₃, CO₂ H₂S 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Associated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control managemen 50. What is sedimantated flocks ? (a) Primary sludge (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO₂ (b) CH₄ (c) H₂S (d) CH₃ 							
(a) CH_4 , CO_2 H_2S (b) CH_3 , CO_2 H_2S (c) CH_2 , CO_2 H_2S (d CH_3 CO_2 , H_2S 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Assoicated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control managemen 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of th 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanl (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO ₂ (b) CH ₄ (c) H ₂ S (d) CH ₃		(d) All the given					
(c) CH_2, CO_2, H_2S (d) CH_3, CO_2, H_2S 45. Which bacteria are useful in anaerobic sludge digestures tank ?(a) Hypo geal(b) Aerobic(c) Free living(d) Aneorobic46. Which one correct for the free living and symbiotic funges ?(a) Glomus and Rhyzopus(b) Glomus and Azospirillum(c) Trichoderma and Rhizopus(d) Trichoderma and Azospirillum(c) Trichoderma and Rhizopus(d) Trichoderma and Azospirillum47. Formation of flocks means(a) Associated of virus with the bacteria remains in water(b) Bactaria which associated with the mychoriza of the fungus of water(c) Bactaria which associated with the solid waste of the water48. In which tank flocks is sedimenated and forms respectively ?(a) Settling tank, Aeration tank(b) Aeration tank, Effluent tank(c) Aeration tank, Settling tank(d) Effluent tank, Anearoble tank49. Who has established Ganga nad Yamuna action plan ?(a) IARI(b) KVIC(c) Ministry of forest and Environment(d) Integrated pest control managemen50. What is sedimantated flocks ?(a) Value of BOD is decrease in effluent.(b) Flocks is sedimanted in settling tanl(c) At end of process biogas is formed.(d) All the given52. Which odd for mixed gases which produces in anerobic sludge diagesters ?(a) CO2(b) CH4(c) H2S(d) CH3	44.	Which gases are the	ere in biogas ?				
 45. Which bacteria are useful in anaerobic sludge digestures tank ? (a) Hypo geal (b) Aerobic (c) Free living (d) Aneorobic 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Associated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control managemen 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanl (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO2 (b) CH4 (c) H2S (d) CH3 							
(a) Hypo geal(b) Aerobic(c) Free living(d) Aneorobic46.Which one correct for the free living and symbiotic funges ?(a) Glomus and Rhyzopus(b) Glomus and Azospirillum(c) Trichoderma and Rhizopus(d) Trichoderma and Azospirillum(c) Trichoderma and Rhizopus(d) Trichoderma and Azospirillum47.Formation of flocks means(a) Associated of virus with the bacteria remains in water(b) Bactaria which associated with the mychoriza of the fungus of soil(d) Bactaria which associated with the mychoriza of the fungus of soil(d) Bactaria which associated with the solid waste of the water48.In which tank flocks is sedimenated and forms respectively ?(a) Settling tank, Aeration tank(b) Aeration tank, Effluent tank(c) Aeration tank, Settling tank(d) Effluent tank, Anearoble tank49.Who has established Ganga nad Yamuna action plan ?(a) IARI(b) KVIC(c) Ministry of forest and Environment(d) Integrated pest control management50.What is sedimantated flocks ?(a) Value of BOD is decrease in effluent.(b) Flocks is sedimanted in settling tank(c) At end of process biogas is formed.(d) All the given52.Which odd for mixed gases which produces in anerobic sludge diagesters ?(a) CO2(b) CH4(c) H2S(d) CH3(d) CH3		(c) CH_2 , $CO_2 H_2S$		$(d CH_3 CO_2, H_2S)$			
 46. Which one correct for the free living and symbiotic funges ? (a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Assoicated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO2 (b) CH4 (c) H2S (d) CH3 	45.	Which bacteria are	useful in anaerobic sludge d	ligestures tank?			
(a) Glomus and Rhyzopus (b) Glomus and Azospirillum (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Assoicated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga and Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control managemen 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO ₂ (b) CH ₄ (c) H ₂ S (d) CH ₃		(a) Hypo geal	(b) Aerobic	(c) Free living	(d) Aneorobic		
 (c) Trichoderma and Rhizopus (d) Trichoderma and Azospirillum 47. Formation of flocks means (a) Assoicated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the mychoriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanh (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO2 (b) CH4 (c) H2S (d) CH3 	46.	Which one correct	for the free living and symbi	otic funges ?			
 47. Formation of flocks means (a) Assoicated of virus with the bacteria remains in water (b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the mychorriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO2 (b) CH4 (c) H2S (d) CH3 		(a) Glomus and Rhy	zopus	(b) Glomus and Azo	ospirillum		
(a) Assoicated of virus with the bacteria remains in water(b) Bactaria which associated with the mychoriza of the fungus of water(c) Bactaria which associated with the mychorriza of the fungus of soil(d) Bactaria which associated with the solid waste of the water48. In which tank flocks is sedimenated and forms respectively?(a) Settling tank, Aeration tank(b) Aeration tank, Effluent tank(c) Aeration tank, Settling tank(d) Effluent tank, Anearoble tank49. Who has established Ganga nad Yamuna action plan?(a) IARI(b) KVIC(c) Ministry of forest and Environment(d) Integrated pest control management50. What is sedimantated flocks?(a) Passive sludge(b) Primary sludge(c) Active sludge(d) None of the51. Which statement is correct for STPs?(a) Value of BOD is decrease in effluent.(b) Flocks is sedimanted in settling tanh(c) At end of process biogas is formed.(d) All the given52. Which odd for mixed gases which produces in anerobic sludge diagesters?(a) CO2(b) CH4(c) H2S(d) CH3		(c) Trichoderma and	d Rhizopus	(d) Trichoderma and	dAzospirillum		
(b) Bactaria which associated with the mychoriza of the fungus of water (c) Bactaria which associated with the mychorriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan? (a) IARI (b) KVIC (c) Ministry of forest and Environment 50. What is sedimantated flocks? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanl (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters? (a) CO ₂ (b) CH ₄ (c) H ₂ S (d) CH ₃	47.	Formation of flocks	s means				
(c) Bactaria which associated with the mychorriza of the fungus of soil (d) Bactaria which associated with the solid waste of the water 48. In which tank flocks is sedimenated and forms respectively? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanl (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO ₂ (b) CH ₄ (c) H ₂ S (d) CH ₃		(a) Assoicated of vi	rus with the bacteria remair	ns in water			
(d) Bactaria which associated with the solid waste of the water48. In which tank flocks is sedimenated and forms respectively ?(a) Settling tank, Aeration tank(b) Aeration tank, Effluent tank(c) Aeration tank, Settling tank(d) Effluent tank, Anearoble tank49. Who has established Ganga nad Yamuna action plan ?(a) IARI(b) KVIC(c) Ministry of forest and Environment(d) Integrated pest control management50. What is sedimantated flocks ?(a) Passive sludge(b) Primary sludge(c) At end of process biogas is formed.(d) All the given52. Which odd for mixed gases which produces in anerobic sludge diagesters ?(a) CO2(b) CH4(c) H2S(d) CH3		(b) Bactaria which a	associated with the mychori	za of the fungus of wat	er		
 48. In which tank flocks is sedimenated and forms respectively ? (a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanh (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO2 (b) CH4 (c) H2S (d) CH3 		(c) Bactaria which a	associated with the mychorr	iza of the fungus of soi	1		
(a) Settling tank, Aeration tank (b) Aeration tank, Effluent tank (c) Aeration tank, Settling tank (d) Effluent tank, Anearoble tank (e) Monomorphic tank (for the tank (for tank), Settling tank (for tank), Anearoble tank (for tank), Ane		(d) Bactaria which	associated with the solid wa	aste of the water			
(c) Aeration tank, Settling tank(d) Effluent tank, Anearoble tank49.Who has established Ganga nad Yamuna action plan ?(a) IARI(b) KVIC(c) Ministry of forest and Environment(d) Integrated pest control management50.What is sedimantated flocks ?(a) Passive sludge(b) Primary sludge(c) Active sludge51.Which statement is correct for STPs ?(a) Value of BOD is decrease in effluent.(b) Flocks is sedimanted in settling tank(c) At end of process biogas is formed.(d) All the given52.Which odd for mixed gases which produces in anerobic sludge diagesters ?(a) CO2(b) CH4(c) H2S(d) CH3(c) H2S	48.	In which tank flock	s is sedimenated and forms	respectively ?			
 49. Who has established Ganga nad Yamuna action plan ? (a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tanh (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO₂ (b) CH₄ (c) H₂S (d) CH₃ 		(a) Settling tank, Ae	eration tank	(b) Aeration tank, E	ffluent tank		
(a) IARI (b) KVIC (c) Ministry of forest and Environment (d) Integrated pest control management 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO_2 (b) CH_4 (c) H_2S (d) CH_3		(c) Aeration tank, S	ettling tank	(d) Effluent tank, Au	nearoble tank		
(c) Ministry of forest and Environment(d) Integrated pest control management50. What is sedimantated flocks ?(a) Passive sludge(b) Primary sludge(c) Active sludge(d) None of the51. Which statement is correct for STPs ?(a) Value of BOD is decrease in effluent.(b) Flocks is sedimanted in settling tank(c) At end of process biogas is formed.(d) All the given52. Which odd for mixed gases which produces in anerobic sludge diagesters ?(a) CO2(b) CH4(c) H2S(d) CH3	49.	Who has establishe	d Ganga nad Yamuna action	n plan ?			
 50. What is sedimantated flocks ? (a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO₂ (b) CH₄ (c) H₂S (d) CH₃ 		(a) IARI		(b) KVIC			
(a) Passive sludge (b) Primary sludge (c) Active sludge (d) None of the 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO_2 (b) CH_4 (c) H_2S (d) CH_3		(c) Ministry of fores	and Environment	(d) Integrated pest of	control management		
 51. Which statement is correct for STPs ? (a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO₂ (b) CH₄ (c) H₂S (d) CH₃ 	50.	What is sedimantat	ed flocks ?				
(a) Value of BOD is decrease in effluent. (b) Flocks is sedimanted in settling tank (c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO_2 (b) CH_4 (c) H_2S (d) CH_3		(a) Passive sludge	(b) Primary sludge	(c) Active sludge	(d) None of them		
(c) At end of process biogas is formed. (d) All the given 52. Which odd for mixed gases which produces in anerobic sludge diagesters? (a) CO_2 (b) CH_4 (c) H_2S (d) CH_3	51.	Which statement is	correct for STPs ?				
52. Which odd for mixed gases which produces in anerobic sludge diagesters ? (a) CO_2 (b) CH_4 (c) H_2S (d) CH_3		(a) Value of BOD is	decrease in effluent.	(b) Flocks is sedima	inted in settling tank.		
(a) CO_2 (b) CH_4 (c) H_2S (d) CH_3		(c) At end of proces	ss biogas is formed.	(d) All the given			
· · · · · · · · · · · · · · · · · · ·	52.	Which odd for mixe	ed gases which produces in	anerobic sludge diages	sters ?		
		(a) CO ₂	(b) CH ₄	(c) H_2S	(d) CH_3		
479			47	9			

	Questionbank Biology				
53.	Which bacteria is remain in alimentary canal of herbivorus	s?			
	(a) Azetobactor (b) Methenogens (c) Azos	pirillium	(d) Bacillus		
54.	Which biological process will take place in STPs ?				
	(a) Flocks (b) Filteration (c) Sedi	mentation	(d) (b) & (c) both		
55.	What is indirectly called the measurment of organic matte	r of water ?			
	(a) BOD (b) DOB (c) COI	D	(d) DOC		
56.	From which compound methane gas is produced by bact	eria?			
	(a) lipase (b) Amylase (c) Celle	ulase	(d) Protease		
57.	Which gas will produced in anearobic sludge digesteres ?				
	(a) CO_2 (b) H_2S (c) CH_4	L	(d) All the given		
58.	Which micro organism is irrelevent as a biocontrol agent	?			
	(a) Virus (b) Bectaria (c) Alga	e	(d) Fungus		
59.	Which scientist has invented Antibodies ?		(KCET 2004)		
	(a) Ernest chain (b) Howard Florey (c) Alex	ander Fleming	(d) W.Fleming		
60.	Which bacterial group is useful in biogas production?		(JIPMER 2000)		
	(a) Rhizobium (b) Methanoger	1S			
	(c) Argonotrocs (d) Eubectaria				
61.	Which symbiotic bacteria is N_2 fixative with the root nodul	le of leguminious	s plant ?		
			(AFMC 1998)		
	(a) Azospyrillium (b) Clostridium (c) Azotobactor	(d) Rhizobium			
62.	Which living organism works as bio-fertiliser?		(PMT 1998)		
	(a) Azzola (b) Clostridium (c) Azotobactor	(d) Rhiz	zobium		
63.	Which micro organism is useful in production of citric acid	1?	(CBSEPMT 1995)		
	(a) Azotobactor (b) Penicillium (c) Aspe	erzilus niger	(d) Clostridium		
64.	By which process cheese and toddy is obtained ?		(PMT 1998)		
	(a) Fermantation (b) Distillation (c) Pasuirisation	d) Hyd	rolisis		
65.	To which BOD is related ?		(MP MPT 2002)		
	(a) Microbes and organic matters (b) Organic con	-			
	(c) Microbes (d) None of the				
66.	Which organism is useful to produce Riboflavin ?(a) Arabia hossipae(b) Sace		(CBSEPMT 1999)		
	ervisiae				
		e of them			
67.	Bacillus thuringiensis is useful in		(CBSEPMT 2005)		
		oxic plant	(d) Bio product plant		
68.	Bio fertilizer means				
	··· · · · · · · · · · · · · · · · · ·	dung and agric	ultural west		
	(c) prepared by Anabaena and Nostoc (d) Nor	e of them			

		Questionban	k Biology				
69.	Which pair is correct ?			(Kerala PMT 2007)			
	1 - Cynobacteria - Bio pe	1 - Cynobacteria - Bio pestisides					
	2 - Mychorriza - Absorpti	on of phosphurus					
	3 - Becillus thuringiensis -	toxin					
	4 - Single cell protien - Rh	izobium					
	(a) 2	(b) 3	(c) 1	(d) 4			
70.	Which pair is odd?			(CBSEPMT 2007)			
	(a) Yeast - Ethenol		(b) Penicillium - H	Penicillin			
	(c) Methenogens - Biogas		(d) Streptococus	s - Stetins			
71.	What is value of BOD of s	sewage water in com	parision to normal v	vater ?			
	(a) More	(b) Less	(c) Normal	(d) Zero			
72.	Which pair is correct ?			(AIIMS 2003)			
	(a) Rhizobium - Parasites	of leguminous plant	(b) Mychoriza - A	Absorbation of Phosphate			
	(c) Yeast - Biogas product	ion	(d) Nostoc - Biot	fuel			
73.	According to latest news BT cotton is widely cultivated, in that Bt cotton means						
	(a) Bigger thread variety						
	(b) Cotton seeds treated with Barium						
	(c) Produce by biotechnol	ogycal enzymes ristic	tion endonueleus				
	(d) Contains Endo toxin g	ene of B.T.					
74.	Which are the main components of biogas ?						
	(a) $CH_4 + CO_2 + N_2$	(b) $CO_2 + H$,O				
	(c) $CH_3 + O_2$	(d) $CO_{2} + H$					
75.	Azospirillium and Azotob	4 4	<u> </u>				
	(a) Decomposers						
	(c) Symbiotic N, fixative	(d) Pathogen	es				
76.	How the ethenol is produc						
	(a) Saecheromisis	(b) Clostridiu	m				
	(c) Aspergillus	(d) Streptom	ysis				
77.	Which option provides fer	tiliser as well as ener	gy ?				
	(a) rhizobium	(b) Biogas					
	(c) Fuel Plant	(d) All the giv	ren				
78.	Which one is true informat	tion for toxin Bt?					
	(a) Bt protien contains act	ive toxins in bacillus					
	(b) Active toxin enters into reproduction.		and makes it sterile	e so as to stop the			
	(c) Becillius contains antito	oxin material					
	(d) Toxic enters into the al		ects which results let	thal for the insect			

Questionbank Biology

- By BOD which one is to be measured? 79.
 - (a) Amount of organic matters of water.
 - (b) Industrial waste of water Resources.
 - (c) Amount of co which connected with Hb.
 - (d) Amount of required O_2 for dark reaction of green plants.

Column Type Questions

80. Match the following

Column-I

Column-II

- (P) Cyclosporin-A (i) Rhizopus nigricans (Q) Hydroxi Projegteron (ii) Monoscus Purpureus (R) Stetins (iii) Arebia Gossipi (iv) Trhichoderma polysporum (S) Riboflavin (a) (P-iv) (Q-ii) (R-i) (S-iii) (b) (P-iii) (Q-i) (R-ii) (S-iv) (c) (P-iii) (Q-i) (R-ii) (S-iv) (d) (P-iii) (Q-i) (R-iii) (S-ii)
- 81. Match the following

Column-I

(P) Aspergilus niger (Q) Clostridium butiricum (R) Azatobactor (S) Lactobacillus (a) (S-i) (P-ii) (Q-iii) (R-iv) (c) (R-i) (P-ii) (Q-iii) (S-iv) Match the following

Column-I

82.

(P) Cynobacteria (Q) Pseudomonas (R) Rhizobium (S) Methenogens (a) (R-i) (S-ii) (Q-iii) (P-iv) (c) (R-i) (P-ii) (S-iii) (Q-iv) 83. Match the following

Column-I

(P) Blue green Algae (Q) Baculo virus (R) Bacillus thariengensis (S) Trichoderma (a) (Q-i) (R-ii) (S-iii) (P-iv) (c) (Q-i) (P-ii) (R-iv) (S-iii)

Column-II

(i) Butyric acid (ii) Acetic acid (iii) Lactic acid (iv) Citric acid (b) (Q-i) (R-ii) (S-iii) (P-iv) (d) (P-i) (Q-ii) (S-iii) (S-iv)

Column-II

(i) N₂-fixation (ii) Biogas (iii) Biofertilisersin peddy fields (iv) Quantam-4000 (b) (S-i) (Q-ii) (P-iii) (R-iv) (d) (R-i) (S-ii) (P-iii) (Q-iv)

Column-II

(i) Pathogenes effect some arthropods (ii) Increase organic matters in soil (iii) Bio control (iv) Produced toxin (b) (P-i) (Q-ii) (R-iii) (S-iv)(d) (R-i) (S-ii) (P-iii) (Q-iv)



(P) BOD

(Q) Flocks

(R) Encilage

(S) Biogas

Questionbank Biology 84. Match the following **Column-I** Column-II (P) Streptokinase (i) To provent blood clotting (Q) Penicillin (ii) To decrease cholesterole (R) Stetins (iii) Immuno supressor (S) Cyclosporin-A (iv) Anti biotic (a) (P-i) (Q-ii) (R-iii) (S-iv) (b) (P-i) (R-ii) (S-iii) (Q-iv) (c) (R-i) (P -ii) (Q-iii) (S-iv) (d) (S-i) (r-ii) (P-iii) (Q-iv) 85. Match the following **Column-I** Column-II

(i) Food for cattle (ii) Association of Bactaria and filaments of mold in water (iii) Measure of the organic matter in a water (iv) Anaerobic metabolisom on biowaste (a) (R-i) (Q-ii) (P-iii) (S-iv) (b) (Q-i) (R-ii) (S-iii) (P-iv) (c) (P-i) (S-ii) (R-iii) (Q-iv) (d) (S-i) (P-ii) (S-iii) (R-iv) 86. Match the following C-1 т

Column-I	Column-II
(P) Rhizobium	(i) Leguminous
(Q) Anabaena	(ii) Autotroph N_2 -fixative
(R) Azatobactor	(iii) Freeliving N ₂ -fixative
(S) Glomus	(iv) Phosphorus absorption
(a) (P-i) (Q-ii) (R-iii) (S-iv)	(b) (Q-i) (P-ii) (R-iii) (S-iv)
(c) (P-iii) (Q-i) (R-ii) (S-iv)	(d) (P-i) (Q-ii) (R-iv) (S-iii)

Statement (A) and Reason (R) Type Question

	(a) Both A and R	are true and R is corr	rect explanation of A.	
	(b) Both A and R	are true but R is not	correct explantion of A.	
	(c) A is true but R	is false.		
	(d) A is false but l	R is true.		
87.	A :- Lab improve	s quality of vitamin-B	12	
	R :- Lactobacilus	bectaria produces la	ctic acid.	
	(a)	(b)	(c)	(d)
88.	A :- Cyclosporin-	A is used as an Immu	nosupressiore.	
	R :- Cyclosporin-	A is obtained from Tr	richoderma.	
	(a)	(b)	(c)	(d)

INDIAN SCHOOL MUSCAT

		Ques	tionbank Biology					
89.	A :- Encilage is f	ood for cattle						
07.	-	A :- Encilage is food for cattle. R :- Encilage is produced by fermantation of protien of green plant tissue.						
	(a)	(b) 0	(c)	(d)				
90.		tle is used to produced		(u)				
90.	e	rge number of methenog	e	of cottle				
	(a)	(b)	(c)	(d)				
91.				hrough biocontrol agent.				
91.		emicals, natural balance	-	niougn biocontrol agent.				
	(a)	(b)	(c)	(d)				
92.		etic bacteria produced t		(u)				
92.	-	able to convert solar er	2	POT 1				
	(a)	(b)	(c)	(d)				
93.		zymes are produced by		(u)				
95.		symes are used to remove	•					
		(b)	(c)	(d)				
94.	(a) $A : A \text{ archia had}$	teria forms flocks by ass						
94.		vater which remain over	•					
		(b)						
05	(a) $\Lambda \cdot \mathbf{PT}$ is useful		(c)	(d)				
95.		to control pest of crops						
	_	es of fungus also use as	-	(d)				
06	(a)	(b)	(C)	(d)				
90.	96. A :- Trichoderma absorb phosporos for the plant.R :- Quantum-4000 is obtained from psuedomonas.							
		_						
07	(a)	(b)	(c)	(d)				
97.		kind of amino acid.	montation of finite 11-	aitmus and was at ables				
		e result of citric acid fer						
	(a)	(b)	(c)	(d)				

Questionbank Biology

ANSWER KEY

					-		
1	C	26	Α	51	D	76	C
2	В	27	С	52	D	77	В
3	Α	28	Α	53	В	78	D
4	C	29	С	54	Α	79	A
5	В	30	C	55	Α	80	C
6	D	31	D	56	C	81	В
7	D	32	Α	57	D	82	D
8	В	33	Α	58	C	83	C
9	C	34	Α	59	C	84	В
10	A	35	С	60	В	85	Α
11	D	36	В	61	D	86	Α
12	D	37	В	62	Α	87	В
13	A	38	D	63	C	88	В
14	C	39	C	64	Α	89	C
15	C	40	Α	65	В	90	A
16	В	41	D	66	Α	91	Α
17	В	42	C	67	C	92	D
18	C	43	В	68	C	93	C
18	A	44	Α	69	В	94	В
20	A	45	D	70	D	95	В
21	C	46	В	71	Α	96	D
22	C	47	В	72	В	97	C
23	В	48	Α	73	D		
24	D	49	C	74	Α		
25	C	50	C	75	В		

 $\bullet \bullet \bullet$