Seat No.				Set P
N	/I.Sc. (S	emester - I) (New) (CBCS) ENTREPREN Industrial Chemistry	EURS	SHIP
		ednesday, 19-07-2023 I To 06:00 PM	y - I (I	Max. Marks: 80
Instru	2) Q. Nos. 1 and 2 are compulsory) Attempt any three questions fro) Figure to right indicate full mark	m Q. N	lo. 3 to Q. No. 7
Q.1	A) Cho 1)	ose correct alternative. In Sulfonating, which acid group a) -OH c) - SO ₂ -OH	o is use b) d)	ed? -SO-OH -SO₃-OH
	2)	 In the nitration of benzene, the a) 1:2 proportion of nitric acid b) 1:2 proportion of sulphuric acid c) 3:1 proportion of nitric acid d) 3:1 proportion of sulphuric acid 	and su acid an and su	Ilphuric acid nd nitric acid Ilphuric acid
	3)	The example of thermosetting p a) Polyester resin c) Polyurethanes	oolyme b) d)	Epoxy resin
	4)	Which catalyst is used for manu acetic acid? a) FeCl ₃ c) MgSO ₄	ufacturi b) d)	ng process of monochloro PCl ₃ MgCl ₂
	5)	Vulcanization of rubber is done a) Nitration c) Sulphur	with he b) d)	elp of Carbon Calcium
	6)	Natural polymer starch is conta a) δ -D glucose c) α -D glucose	ins b) d)	β -D glucose None of these
	7)	Amino resins are widely employ a) Molding compound c) Paper coating	ved in _ b) d)	Adhesive All of the above
	8)	Which of the following compour a) Acetic acid c) Sulphuric acid	nd inhik b) d)	bits sulfone formation? Mercury Phosphoric acid
	9)	"-NO₂" produces which effect?a) +I effectc) Both a and b	b) d)	-I effect Does not produce any effect

		10)	a)	DDT	n the manufactu	b)	BHC	
			c)	Parathion		d)	None of these	
	B)	Write 1) 2) 3) 4) 5) 6)	Sulf The The Ben PET	nitrating age reverse este zene presen Γ is prepared	assified into fou ent is called Nuc erification is hydr ts a very stable by a transesteri fferent UV spec	leophil rolysis. configu ficatior	uration.	06
Q.2	A) B)	Liquio Nitrate Photo	l Pha e rea halo		n with oxygen se acetate			16
Q.3	Ans A)			llowing.	lain relation bet	Noon F	D.V.S. and Stability of nitrator	08
	A)	charg	e.				-	00
	B)	Expla	in th	e Continuous	s manufacturing	proces	ss of nitrobenzene.	08
Q.4	Ans A)		is s	•	Describe the su	Ilphona	ating agents and their	08
	B)	Discu	ss tł	ne mechanisr	n of aromatic su	Ilphona	ation.	08
Q.5	Ans A) B)	Expla	in th	Ilowing. le Acrylonitril the various m	e polymers nethods of polyn	nerizati	ion.	08 08
Q.6	Ans A) B)	Desci	ibe in w	ith flow chart	• •		ochloroacetic acid. ocess of vinyl chloride from	08 08
Q.7	Ans A) B)	Give a	an a		oour phase with ring of ethyl ace		ing compound.	08 08

Set

Ρ

M.Sc.	(Semester	- I) (Ne
No.		
Seat		

I) (New) (CBCS) Examination: March/April-2023 Μ **ENTREPRENEURSHIP** Microbial Technology- I (MSC28102)

Day & Date: Thursday, 20-07-2023

Time: 03:00 PM To 06:00 PM

Instructions: 1) Q. Nos. 1 and 2 are compulsory.

- 2) Attempt any Three guestions from Q.No.3 to Q.No.7.
- 3) Figures to the right indicate full marks.

Q.1 A) Choose the correct alternatives from the options.

- IMViC tests are used for 1)
 - a) Identification of biological isolates
 - b) Studying the cell culture techniques
 - c) Identification and isolation of the active ingredients from a plant part
 - d) For testing the efficiency of the sterilization technique in laboratory
- 2) __ is differential staining method.
 - a) Negative staining
- b) Gram staining d) Spore staining

b) Incineration

- c) Flagella staining
- 3) is not the use of baffles.
 - a) Increase the effect of agitation
 - b) Improve aeration efficiency
 - c) Improve cooling capacity
 - d) Improve the fermenter capacity
- _ is best to sterilize heat labile solutions. 4)
 - b) Autoclave a) Dry heat d) Pasteurization
 - c) Membrane filtration
- 5) does not kill endospores.
 - a) Autoclave
 - c) Hot air sterilization d) Pasteurization
- Cold sterilization is carried using 6)
 - a) Freezing b) Moist heat
 - c) Dry heat d) Gamma radiation
- MacConkey's agar is an example of _____ medium. 7)
 - a) Synthetic b) Natural
 - c) Selective d) Minimal
- The colouring property of dye is due to _____ group. 8)
 - a) Auxochrome b) Chromophore
 - c) Cytochrome d) Cytophore
- 9) ____ is an example of enrichment medium. b) Blood sugar
 - a) N₂ Free mannitol broth
 - c) Milk agar d) Nutrient agar

Max. Marks: 80

		10)	a)	id Thioglycolate medium Aerobic bacteria Viruses	b))	the cultivation of Anaerobic bacteria All of the above	
	B)	Fill i 1) 2) 3) 4)	in th Aga thro whi The trea	e blanks ar is obtained from red al was the first widely us is used to count cells ough microscope, on a ca ich are known. e recovery and purificatio atment is called as	gae name sed antis in a biolo alibrated g n of bioch _ proces	ed ep og gri he	 tic and disinfectant. ical fluid by observing them, d, the exact dimensions of mical products with proper	06
		6)		sed on the fermentation s		ne	dium for Azotobacter species.	
Q.2	Ans a) b) c) d)	Suga Prina Synt	ar ut ciple theti	following. ilization test and significance of Nega c media nental monitoring	ative stair	nir	ng	16
Q.3	Ans a) b)	Des	cribe	ollowing. e in detail sterilization by i e in detail sterilization by f				08 08
Q.4	Ans a) b)	Take	e det	ollowing. tailed account of cultivation n detail indirect methods				08 08
Q.5	Ans a) b)	Write	e on	ollowing. mechanism and significa types of media dependi			iC test. purpose of the medium.	08 08
Q.6	Ans a) b)	Disc	uss	ollowing. primary screening of mic strain development strat	•	sm	s with suitable example.	08 08
Q.7	Ans a) b)	Wha exar	at are nple	ollowing. e Fermentation media? D detail on exploitation of m				08 08

	M.Sc.	. (Se	me	ster - I) (New) (CBCS) Ex ENTREPRENEU			pril-2023
			ļ	Agricultural Biotechnolog			
			ay, 2	21-07-2023 6:00 PM	· · ·	(Max. Marks: 80
Instr	uction	s: 1)	Q. N	los. 1 and. 2 are compulsory.			
		2)	Atte	mpt any three questions from C ire to right indicate full marks.	Q. No	. 3 to Q. No. 7	
Q.1	A) (Choo	ose o	correct alternative. (MCQ)			10
	•	1)		is found in the nitrogen fixing	g root	nodules of legumi	
			plan		L)		
			a) c)	Cnyoglobulin Legumin	b) d)	Leghemoglobin Nitro albumin	
		2)	0)	is produced by fermenting s	,		
	4	∠)	a)	Yogurt	b)	Kombucha	
			c)́	Jiangs	d)	Miso	
		3)	The	diagnostic enzyme for denitrific	cation).	
			a)	Nitrate reductase	b)	Nitrate oxidase	
			c)	Nitrate hydrolase	d)	Nitrate decarboxy	
	2	4)	2)	is used as a biocontrol agen Strepto coccus	-	-	butterflies.
			a) c)	Rhodospirillum	b) d)	B. thuringiensis	
	ļ	5)	,	are used as probiotic.	,	5	
		-)	a)	E. Coil	b)	Rhizobia	
			c)	Lactic acid bacteria	d)	Pseudomonas	
	6	6)		erkraut is fermented from	— : 、		
			a)	Cabbage	b)	Leman	
	-	7)	c)	Mango	d) fartili-	Potato	
	1	7)	a)	serves as an important bio Clostridium	b)	Cyanobacteria	
			c)	Frankia	d)	Mycorrhiza	
	8	8)		enzyme is used in starch for	od pro	ocessing.	
		,	a)	Cellulase	b)	Glucokinase	
			c)	Amylase	d)	Proteolytic	
	ę	9)		is an example of symbiotic r			
			a) c)	Azotobacter Clostridium	b) d)	Rhizobium Nitrobacter	
		10)	<i>.</i> ,	is major biogas produced by	,		
		10)	a)	IS major biogas produced by CNG	b)	CO_2	
			c)	O ₂	d)́	Methane	

SLR-SY-3 Set P

	В)	Write true or false.061)Azotobacter is free living aerobic nitrogen fixing bacteria.2)Urea is used as fertilizer in organic farming.3)Yogurt is produced by fermenting milk.4)E. Coil is an example of phosphate solubilizing bacteria.5)Trichoderma is used as biofertilizer.6)Azospirillum is used as bioinsecticide.	•
Q.2	Writ a) b) c) d)	e short notes on. 16 Biofuels. Need of enzymes in food processing. Production of soya sauce. VAM.	;
Q.3	Ans a) b)	ver the following.Describe in detail industrial production Indol acetic acid (IAA).08Write an essay on rhizobium biofertilizer.08	
Q.4	Ans a) b)	ver the following.Describe in detail production of Bioinsecticides.08Write in detail manufacture of cheese.08	
Q.5	Ans a) b)	ver the following.Write an essay on Azofertilizers.08Write an essay on Bio manure.08	
Q.6	Ans a) b)	ver the following.Describe the various enzyme used in fruit juice industry.08Describe in detail production of bread.08	
Q.7	Ans a) b)	ver the following.08Describe in detail quality control of Bio fertilizers.08Describe in detail advantages and health benefits of probiotic foods.08	

		Entrepreneur Skill - I	
•		turday, 22-07-2023 To 06:00 PM	Max. Marks: 80
Instruct	2 3) Questions 1 & 2 are compulsory.) Attempt any three questions from () Figures to the right indicate full ma) Draw neat labeled diagrams where	rks.
Q.1 A)) Cho 1)	ose the correct alternative and re Reports from the subordinates to t a) Upward c) Diagonal	
	2)	is the final step in the comm a) Encoding c) Feedback	nunication cycle. b) Decoding d) Receiving
	3)	is an instance of non-verbal a) Speech c) Email	communication. b) Proximity d) Notice
	4)	is an example of oral comm a) Phone Call c) Newspaper	unication. b) Email d) Letters
	5)	"Two students talking over a phone a) Written c) Public	e" - is an example of b) Personal d) Interpersonal
	6)	Pointing finger to something is an e a) Expression c) Body language	example of b) Eye contact d) Para language
	7)	 communication method doe Understand. a) Verbal c) Both a & b 	s not require any language to b) Non verbal d) None of these
	8)	method is good for taking le a) Notice c) Website	ave in the office. b) E-mail d) Circular
	9)	Communication starts with a) Encoding c) Channel	b) Decoding d) Feedback
	10)	combinations are the exami	ple/s of oral communication.

M.Sc. (Semester - I) (New) (CBCS) Examination: March/April-2023 ENTREPRENEURSHIP

Set No.

SLR-SY-4

Set Ρ

- _ combinations are the example/s of oral communication. 10)
 - Meetings, memos, and presentations a)
 - meetings, memos, and performance reviews b)
 - Meetings, presentations, and performance reviews c)
 - All of these d)

	B)	 Fill in the blanks. (One Mark Each) 1) Sending a letter is type of communication. 2) The term "communis" derived from word. 	06
		 Receiving a sales order is an example of Gestural communication is a Written words are for speech sounds. Communication problems otherwise known as 	
Q.2	a) b)	wer the following. Define Oral Communication. Define Written Communication. Define Noise Note on Time management.	16
Q.3	Ans a) b)	wer the following. Define Communication. Explain barriers to Communication. Define listening. Explain types of Listening.	08 08
Q.4	Ans a) b)	w er the following. Define Writing. Explain report writing in details. Write note on Memos.	10 06
Q.5	Ans a) b)	wer the following. Define Non-verbal Communication. Explain types and tools of non-verbal communications. Write note on business etiquettes.	10 06
Q.6	Ans a) b)	wer the following. Define group discussion. Comment on group discussion for decision making in business houses. Write note on presentation skills.	10 06
Q.7	Ans a) b)	w er the following. Explain model of 15 competencies in entrepreneurship. Write note on Table manners.	10 06

Set No. M.Sc. (Semester - I) (New) (CBCS) Examination: March/April-2023

Entrepreneur Skill - II (MSC28109) Day & Date: Saturday, 22-07-2023

Time: 03:00 PM To 06:00 PM

Instructions: 1) Questions 1 & 2 are compulsory. 2) Attempt any three questions from Q.3 to Q.7 3) Figures to the right indicate full marks.

- 4) Draw neat labeled diagrams wherever necessary.

Q.1 A) Choose the correct alternative and rewrite the sentences again.

The subject matter of economics is distributed into _____ parts. 1)

ENTREPRENEURSHIP

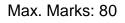
- b) four a) two c) three d) five
- The concept of 'Consumer Surplus' was introduced in Economics 2) by
 - Prof. Robbins a)
 - b) Prof. Smith d) C)
- If the price elasticity of demand is [0.5], then the commodity is _____. 3)
 - Necessary Luxury b) a) Giffen
 - c) Inferior d)

In the case of rare coins, supply curve will be _ 4) Vertical

- Horizontal a) b)
 - backward bending d) positively sloped c)
- When the price elasticity of demand is equal to one, the demand 5) curve is
 - rectangular hyperbola a)
 - b) Parallel to the horizontal axis
 - parallel to the vertical axis c)
 - negatively sloped straight line d)

Dynamic Pricing is mostly followed by _____. 6)

- Automobile Manufacturing Companies a)
- **Cooking Gas Supplying Companies** b)
- **On-line Companies** C)
- **Brand Name Food Companies** d)
- 7) Due to the operation of 'Laws of return to Scale' LAC curve is _____.
 - Rectangular hyperbola a)
 - b) **U-Shaped**
 - Parallel to the horizontal axis c)
 - d) Parallel to the vertical axis
- The AR curve and industry demand curve are identical _____. 8)
 - in case of monopoly a)
 - in case of oligopoly b)
 - in case of monopolistic competition C)
 - in case of perfect competition d)



Prof. Samuelson

Prof. Marshall

10

Set

		9)	Pen	etration Pricing	is adopted by	followi	ng a	
		,	a)	low price	, ,	b)	high price	
		4.0)	c)	·		d)	support price	
		10)		duction creates Place	utility.	b)	Time	
			c)	Form		d)	Possession	
	B)	Fill i	n the	e blanks.				06
	-	1)				e basic	e features of Perfect	
		2)		npetition are not ome minus Savii	•	`		
		2) 3)		g-run equilibriur				
		4)	In a	competitive ma	rket is	the pri	ce - maker.	
		5)		nomics of scale				
		6)	Ont	the basis of con	npetition, mark	kets are	e classified into types.	
Q.2	Ans	wer th	ne fo	llowing.				16
				rdinal utility.				
				arginal Analysis. mand elasticity.				
	d)			mand forecastir				
~ ~	-				-			
Q.3				eory of consum	er choice			16
	b)			aumol's Sales m		nodel in	details.	
~ .								
Q.4	Ans a)			ollowing.	r? Explain pro	duct dif	ferentiation and price	10
	u)			ation in details.			icremation and price	10
	b)	Write	Note	e on Game Theo	ory.			06
Q.5	Ans	wer ti	າe fo	llowing.				
		Defin	e prio	cing. Explain teo		icing.		10
	b)	Expla	in m	anagerial theory	y of firm.			06
Q.6	Ans	wer th	າe fo	llowing.				
	a)					ital rep	lacement decision.	10
	b)	Write	note	e on National Inc	come.			06
Q.7	Ans	wer th	ne fo	llowing.				
	a)			usiness cycle? E	Explain types of	of busir	ness cycle.	10
	b)	Exbla	un ta	riff analysis.				06

Seat No. M.Sc. (Semester - II) (New) (CBCS) Examination: March/April-2023 **ENTREPRENEURSHIP** Industrial Processing-I (MSC28201) Day & Date: Wednesday, 19-07-2023 Time: 11:00 AM To 02:00 PM

Instructions: 1) Q. 1 & Q. 2 are compulsory.

- 2) Solve any 3 questions out of Q. NO 3 To 7.
- 3) Figures to the right indicate full marks.
- 4) Draw neat labeled diagrams wherever necessary.

Q.1 A) Multiple choice questions.

- Any individual who purchases goods and service from the market for 1) his/ her end use is called as:
 - a) Customer b) Consumer
 - c) Purchaser d) All of these
- 2) A firm identifies the target market, needs and wants of customer through:
 - a) Marketing research b) Planning
 - c) Promotion d) Segmentation

3) Consumer behavior can be defined as: _

- a) a field of study focusing on marketing activities
- b) a field of study focusing on consumer activities
- c) a study of pricing
- d) the study of decision rules
- 4) _ is the buying behavior of final consumer.
 - a) Global purchasing
 - Business buying behaviour b) c) Reseller buying behaviour Consumer buying behaviour d)

b)

- dividing markets based on location. 5) Geographic segmentation
 - a) Lifestyle segmentation
 - c) Distribution segmentation d) Price segmentation
- In case of frequently bought consumer goods such as tea, toothpaste, 6) soap, detergents etc, _____ base is used for market segmentation.
 - a) Demographic b) Geographic
 - c) Psychographic **Behavioral** d)
- 7) Age, gender, occupation, etc, are _____ variables of market segmentation.
 - a) Demographic b) Geographic
 - c) Psychographic **Behavioral** d)
- 8) is the process of evaluating each market segment's attractiveness and selecting one or more segments to enter.
 - a) Product differentiation b)
 - Market segmentation d) Market positioning
 - c) Market targeting The process of designing the company's image and offering to get a
 - distinctive place in the minds of the target market is known as _____
 - a) Positioning c) Segmentation

9)

- Targeting b) None of above
- d)

SLR-SY-6

Max. Marks: 80

Set

		10)	are a)	called: Self-actu	ualization	-	b)		ds
	B)	Ansv 1) 2) 3) 4) 5) 6)	ver De De De De De	Safety n in one se fine Cons fine Orgar fine Cons fine Positi fine Motiv no is found	ntence umer Beh nizational umer rese oning. ation.	Buyers.	d) stries	Physiological needs.	06
Q.2	a) b) c)	Explai Explai Write	in ar in im note	on differe	of consur ent Positio		rs.	marketing.	16
Q.3	a)	Explai	in in		of market	ng. t segmenta Approache			16
Q.4	a)	Facto	rs af	ollowing. ifect the M 1cClelland	•	gmentatior neory.	٦.		16
Q.5	a)	Explai	in in		of Consu	n g. mer Resea mer and C		ners.	16
Q.6	a)	Discu	ss N	ollowing. Iaslow's h egmentatio			for Se	gmentation.	16
Q.7	a)	Explai	in C	Two of th	Research	-			16

b) Write success story of any two entrepreneurs.

Set

Max. Marks: 80

M.Sc. (Semester - II) (New) (CBCS) Examination: March/April-2023 ENTREPRENEURSHIP Industrial Chemistry-II (MSC28202)

Day & Date: Sunday, 23-07-2023 Time: 11:00 AM To 02:00 PM

Instructions: 1) Q. Nos. 1 and 2 are compulsory. 2) Attempt any Three questions from Q.No.3 to Q.No.7. 3) Figures to the right indicate full marks. Q.1 A) Choose the correct alternatives from the options. 1) Where does saponification takes place in continuous process? a) Hydrolysis tower b) Blender c) Vacuum still d) Mixer 2) Anti-foam agent in water based paints is _____. a) Casein b) Pine oils c) Phenols d) Alcohols 3) Which of the following is food safety tool? a) Good Hygiene practice b) Hazard Analysis critical control point c) Total Quality Management d) All of above Fats and Oils also referred to as _ 4) a) Ghee b) Dalda c) Lipids d) None of these A higher proportion of salts of saturated acids gives _____. 5) a) Hard soap b) Soft soap d) None of these c) Detergents 6) In nitric acid concentration by H₂SO₄ which equipment is used for concentrating purpose? a) Stoneware towers b) Dehydrating tray towers c) Cooling towers d) Chilling towers 7) An example of cationic detergent is _____. a) pyridiniumderivatives b) fatty acid amides c) sulfonates d) aliphatic polyhydric alcohol esters

Seat	
No.	

.....

- 8) Why iron oxide used in the ammonia production process?
 - a) To increase porous iron
 - b) To maximize operating temperature
 - c) To maximize operating pressure
 - d) To reduce porous iron
- How many moles of nitric acid is required to convert 1 mole of 9) sulphur to sulphuric acid?
 - a) 10 b) 4
 - c) 48 d) 20
- 10) A substance needed by the body for growth, energy, repairs and maintenance is called _____. a) Nutrient
 - b) Carbohydrate d) Fatty acid
 - c) Calorie

B) Write True/ False

- Food poisoning can be prevented by using expired food product. 1)
- 2) Soap powder contains soap along with lime.
- Vat dye is essentially soluble in water. 3)
- Melanin is a protein pigment that is responsible for skin color in 4) humans.
- 5) The oxidation state of P is +3 in phosphorus acid.
- Nitrogen is first converted into nitrites and then into nitrates by 6) micrococcus.

Q.2 Answer the following.

- Describe the Biosurfectants and Enzymes detergents. a)
- Discuss about chemical composition and nutritional value of common b) foodstuffs.
- How is baking powder and DAP manufactured? C)
- Describe the raw materials used in soap formation. d)

Q.3 Answer the following.

radiation.

a) b)	Explain the manufacturing of Sulphuric acid by Contact process. How Ammonia is prepared in Nitrogen industry?	08 08		
Answer the following.a) Explain the testing and evaluation of soaps.				
b)	Define detergents and describe the types of detergents.	08		
Answer the following.				
a) b)	Discuss in detail the classification and properties of food. Explain the food preservation and processing by fermentation and	08 08		
	b) Ans a) b) Ans	 b) How Ammonia is prepared in Nitrogen industry? Answer the following. a) Explain the testing and evaluation of soaps. b) Define detergents and describe the types of detergents. Answer the following. a) Discuss in detail the classification and properties of food. 		

06

80

Q.6 Answer the following. Explain the constituents and formulation of paints. 80 a) Describe the manufacturing process of titanium dioxide. 80 b)

Q.7 Answer the following.

- a) Describe the classification of dyes according to their mode of application.b) Explain the manufacturing of Urea. **08**

				SLR-SY	′-9
Seat No.				Set	Ρ
N	M.Sc	. (Se	emester - II) (New) (CBCS) Examination: March/Ap ENTREPRENEURSHIP	oril-2023	
			icrobial & Agriculture Technology - II (MSC28207	-	
			sday, 25-07-2023 To 02:00 PM	Max. Marks	: 80
Instru	ction	2) 3)	Q. No. 1 and 2 are compulsory. Attempt any three questions from Q. No. 3 to 7 Draw neat labeled diagrams wherever necessary. Figure to right indicate full marks.		
Q.1	A)		ose the correct alternative and rewrite the sentences.		10
		1)	Streptomycin is spectrum antibiotic. a) Narrow b) Broad c) Both a and b d) None of the above		
		2)	White button mushroom is a type of a) Poisonous mushroom b) Rare mushroom c) Edible mushroom d) Non-edible mushroom	I.	
		3)	Substrate used by microorganisms to produce single-cell princludesa) Hydrocarbonb) Citric acidc) Ethanold) Sulphure	oteins	
		4)	Wool fiber is obtained from a) Tiger b) Elephant c) Cow d) Sheep		
		5)	The juice that is extracted from the grapes is called asa) Maltb) Clear juicec) Mustd) Hops	·	
		6)	National center for mushroom is located in of India. a) Tamilnadu b) Delhi c) Uttar Pradesh d) Himachal Pradesh		
		7)	is an example of beta lactum antibiotic. a) Chloramphenicol b) Penicillin c) Gentamycin d) Grisofulvin		
		8)	The conservation of germplasm under natural condition is ca) In-situ conservationb) Ex-situ conservationc) Genebankd) Obsolute cultivars	alled as	<u> </u>
		9)	is father of tissue culture. a) Bonner b) Laibach c) Haberlandt d) Gautheret		
		10)	The culturing of cells in liquid agitated medium is called asa) liquid cultureb)b) Micropropagationc) Suspension cultured)Agar culture	·	

	B)	 Define and explain of the following. 1) Define Antibiotic. 2) Application of Citric acid 3) Wine Types 4) Define Tissue Culture. 5) SCP 6) Germplasm 	06		
Q.2	a) b)	swer the following. Applications of Antibiotic Uses of Glutamic acid Flowchart for wine production Post harvest technology			
Q.3	Ans a) b)	swer the following. Write a note on Germplasm conservation. Write in detail Commercial egg production.			
Q.4	Ans a) b)	swer the following. Give a detailed account on SCP production. Describe in detail Mushroom production.			
Q.5	Ans 1) 2)	swer the following. Explain in detail on Tissue culture techniques. Explain in detail Citric acid production.			
Q.6	Ans 1) 2)	wer the following. Discuss in detail Commercial wool production Write in detail industrial production of commercial meat.	16		
Q.7	Ans 1) 2)	wer the following. Explain in brief Wine production. Write in detail Micro-organisms involved, media and product recovery of Penicillin.	16		

Page 2 of 2