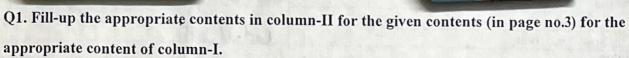
N

Mid-Sem Exam

CH-419: Consumer Chemistry

Part -1

Roll n



Column-I	Column -II
Androgenetic alopecia	Main loss
Dihydrotestosterone	cause of male baldness
Hair conditioners	Salinglis and X
Keratolytic agent	Cetylinellylammonium chlorid
Tensile strength of tyres	· lolds
Sodium polyacrylate	Port it note X
Wet indicator/pH indicator	- > lugar carte juice X
Spray mint	- Sugarrane fine limamond
Cannabinol	
Glycolic acid	- Marijuana Boron X
Apocrine glands	laine of body odown
Crystalline silica	Ruby Valor
Blue diamond	Bromophinol blue X
Moth ball	1, 4- dilloropenzine
Potassium ion exchange	Gozilla glass
Aluminium	- super absorbert X
Tooth whitening	Mydrogen peroxide
Tyres	Strugger - butadiene
3M Rocket full	
Purple K	lotarium bicarbonate
The second secon	- William American

Q2. What are the main uses of the following? (Borrow the content given in page 3)

Substances	Use
Zinc pyrithione	Rocket fuel X
2 Monoxidil	Morganto repollant descent X
3 Xylitol	hair care broduct X
ч Triclosan	prevent hair los X
5 Al ₂ (OH) ₅ Cl	Ingredients of anti-beneficiant
Picaridin	sugarles evertuer X
1,4-Dichlorobenzene	component of moth ball
Montmorillonite	morgailo ribellant X
S Carboxamide peroxide	Carboxamide peroxide X
o Ammonium perchlorate	seodrant V

Q3. What did they discover/contribute?

Name	Discovery
John Dunlop	a state of the sta
Dr. Spencer Silver	lost it note
Art Fry	20.1
Bette Nesmith Graham	Whitener
G. N. Ramachandran	

Q4. For the given Neuro-transmitters suggest their mode of action and how their deficiency affects us.

(Borrow the content from page 3)

Neuro-transmitters	Mode of action	Deficiency Affect
Dopamine	Love hormone	fuling lovely X
Oxytocin	molivation	lack of motivation X
Serotonin	feeling importance	
Endorphins	brief euplioria	anxiety

Q 5. Suggest the corresponding chemicals test for the following drugs (test

The state of the s	Chemical test
Drugs	Scott Lect
Cocaine	Wagenaar's teet
Barbiturates	b-aminopenzoic arid
Lysergic acid	Elwolphthalene
Forensic blood test	WWW CP TO THE STATE OF THE STAT

Chemical test: p-Aminobenzoic acid, Phenolphthalene, Wagenaar's test, Scott test

Mid-Sem Exam

CH-419: Consumer Chemistry





Answer the following questions to the point (not more than 4-5 sentences)

- Q1. Define desiccant. Why are they used in packaged products?
- Q2. What is Locard's exchange principle in forensic science? How it is helpful in tracing/identifying criminal
 - 3. What are the green and blue coating found in an old copper utensil? How they can be cleansed?
- Q4. How do slats remain free-flowing even during humid weather?
 - Q5. What is the antidote for MeOH poisoning (in the context of the Hooch tragedy)
- Q6. What are the various causes of acidity? Name the major component of anta acid?
- ✓ Q7. What is/are the essential difference between deodorants and antiperspirants?
- 8. How do salts of aluminium help control perspiration and bacterial growth?
 - Q9. What is a pheromone? How it is useful in paste (insect) control?
 - Q10. Even though sebum is essential for maintaining healthy hair, too much of it can cause problems explain
 - Q11. Why do mostly male get bold? What is the role of dihydrotestosterone (DHT)?
 - Q12. Why alpha-hydroxy acids are so popular in skin care products?
- Q13. How mosquito repellent (N,N-diethyl-3-methylbenzamide) DEET works?
- Q14. What is the purpose of a wet indicator in the disposable nappy? How it works?
- Q15. What is the chemical basis of depression?
- Q16. How do antidepressants work by blocking reabsorption?
- Q17. How does pain-reliving balm work? What are the ingredients of balm?
- Q18. What is contrast agent? What should be the properties of an ideal contrast agents
 - 219. What are the advantages and disadvantages of Liquid mosquito repellent?
 - Q20. What are the major benefits of β -hydroxyacids over α -hydroxyacids?

Contents that need to be selected and filled in column II for Q1

	Column -II
1	Potassium bicarbonate
	Post it note
	Cetylmethylammonium chloride
1	Salicylic acid
1	Hair loss
X	Cords
	Super absorbent /
F	Bromophenol bue
1	Cause of male boldness
1	Cinnamond /
1	Marijuana
T	Rocket fuel
1	Sugar cane juice
7	Gorilla glass
1	Cause of body odour
1	Ruby
	Boron ()
1	Hydrogen peroxide
1	1,4-Dichlorobenzene
1	Styrebe-butadiene

Content for Q2 to be filled in the Use column

Use	TO BE
Antimicrobial agent / hair care produ	ıct
Rocket fuel	
Prevent hair loss	PER PART
Desiccant	
Sugarless sweetener	
Mosquito repellant	
Deodrant	
Ingredients of antiperspirant	
Tooth whitening	
Component of moth ball	

Content for Q4 to be selected and filled in Mode of action and deficient affect

Brief euphoria, Lack of motivation, Love hormone, Motivation, Low self-esteem, Feeling lonely, Anxiety, Feeling importance