

M 7221

Reg. N	ło. :	ALAS SERY	
Name	:		
V Ser	mester B.A./B.Sc./B.Com./B.B.A./ B.A. Afsal-Ul-Ulama Degree (Continue of the Examination, Not Open Continue of the Examination	vember 2014 ourse	112403
Γime : :	2 Hours	Max. Weightage: 20)
	PART-	- A	
	Part consists of two bunches of quesion bunch consists of four objective type quesions.		
I. 1)	Bakelite is formed by the condensation	of phenol with	
	a) Melamine	b) Glycol	
	c) Styrene	d) Formaldehyde	
2)	The percentage of each essential plant	t nutrient in a fertilizer is denoted by	
	a) NPK value	b) pK _a value	
	c) pH value	d) pK _b value	
3)	is an example of a na	atural fuel.	
	a) Water gas	b) Producer gas	
	c) CNG	d) Coal gas	
4)	The chief chemical component in ordin	ary glass is	
	a) Silica	b) Silicone	
	c) Silane	d) Silicate	

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II.	5)	is an example for an analgesic.						
		a) Aspirin	b)	Paracetamol				
		c) Sulphadiazine	d)	Penicillin				
	6)	6) Drugs used to lower body temperature during fever, are known as						
		a) Analgesic	b)	Antihistamine				
		c) Antipyretic	d)	Antibiotic				
	7)	Temporary hardness of water is due to and Mg.	o the p	presence of	_ of Ca			
		a) Sulphates	b)	Bicarbonates				
		c) Chlorides	d)	Nitrates				
	8)	Boiling is not effective to remove		of water.				
		a) Micro-organisms	b)	Temporary hardness				
		c) Permanent hardness	d)	Dissolved chlorine	(2×1=2)			
		PART	-B					
		er any six questions in one or two sente age of one .	ences	each. Each question car	rries a			
9.	W	hat are bio fertilizers?						
10.	W	What is the mode of action of pheromones?						
11.	W	Why do some pesticides become less effective after long term use?						
12.	Define calorific value of fuels.							
13.	Gi	Give the composition of LPG.						
14.	What are the components of a galvanic cell?							
15.	Name the raw materials used for the manufacture of Portland cement.							
16.	Но	low is cleansing cream prepared ?						
17.	W	hich kind of drugs is commonly called t	ranqui	lizers?				
18.	Ho	ow is ordinary glass made?			$(6 \times 1 = 6)$			



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PART-C

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Answer any four questions. Answer not to exceed one page. Each carries a weightage of two.

- 19. What is the difference between thermoplastics and thermosetting plastics? Give examples for both.
- 20. Explain how the excessive use of fertilizers, harm the environment.
- 21. What are the characteristics of a good fuel?
- 22. Give a brief account of the composition and uses of different types of glass.
- 23. Write a note on harmful chemicals in cosmetics.
- 24. How do antiseptics and disinfectants differ in their action ?
- 25. Distinguish between BOD and COD.
- 26. Describe briefly the desalination of brackish water.

 $(4 \times 2 = 8)$

PART-D

Answer any one. Each question carries a weightage of four.

- 27. Discuss the characteristics and application of natural and synthetic elastomers.
- 28. Illustrate the significance of drugs in modern life.
- 29. Describe the common methods of purification of water.

 $(1 \times 4 = 4)$