

# GOVT. CADET COLLEGE MUZAFFARABAD ENTRY TEST 2023

## Model Paper

Paper	Class	Type	Marks	Date	Time Allowed
General Science (Chemistry)	8 <sup>th</sup>	Objective	25	--/ --/ ----	30 Min.
Roll No. (In figures):			Sign of Dy. Sup. _____		
Roll No. (In words):					

**Note: - Use of lead pencil, ink remover/whitener, cutting or overwriting is completely prohibited**

**Q. No.1. You have four choices for each objective type question as A, B, C and D. The choice which you think is correct; fill that Tick (✓) in front of that question number. (10)**

1.	Thick blanket of air around the Earth is:						
A	Earth cover	B	Atmosphere	C	Biosphere	D	None of these
2.	Percentage of CO in air is about: _____.						
A	0.04%	B	0.02%	C	21%	D	None of these
3.	Which gas is considered as life supporting?						
A	Argon	B	Oxygen	C	Carbon dioxide	D	Nitrogen
4.	$\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$						
A	Decomposition reaction	B	Oxidation reaction	C	Displacement reaction	D	All of these
5.	Nitrogen is present in air by volume ----						
A	21%	B	30%	C	78%	D	None of these
6.	Dry ice is-----						
A	Solid O <sub>2</sub>	B	Solid CO <sub>2</sub>	C	Solid N <sub>2</sub>	D	Solid H <sub>2</sub> O
7.	Particles settle down in a:						
A	Solution	B	Suspension	C	Solvent	D	Solute
8.	Solution contain relative more amount of solute is called.....						
A	Supersaturated solution	B	Saturated solution	C	Unsaturated solution	D	Dilute solution
9.	Particles of _____ can be filtered through filter paper:						
A	Solution	B	Solute	C	Solvent	D	Suspension
10.	Which one is a universal solvent?						
A	Water	B	Milk	C	Alcohol	D	Petrol

**Q. No. 2. Fill in the blanks with appropriate words.**

**(5 x 1 = 05)**

1. Building blocks of matter \_\_\_\_\_.
2. The separation of colored chemicals \_\_\_\_\_.
3. A substance in a solution that is dissolved \_\_\_\_\_.
4. A substance that takes in or dissolves the other substance \_\_\_\_\_.
5. The layer of the atmosphere that supports all life \_\_\_\_\_.

**Q. No. 3. Answer the following in short.**

**(5 x 2 = 10)**

1. Define the solvent, solute and saturated solution.
2. What is meant by displacement reaction? Also give example.
3. What is the atmosphere? How air is important for us?
4. Define greenhouse effect and give its advantages.
5. What do you mean by ozone hole and how it is produced?