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CLASS – VIII
MID TERM EXAMINATION – 2025-26
SUBJECT – CHEMISTRY
SET-B2

MM-20

Q1(i),(ii),(iii) and Q2 carry one mark each

Q3 and Q4 carry 2marks each

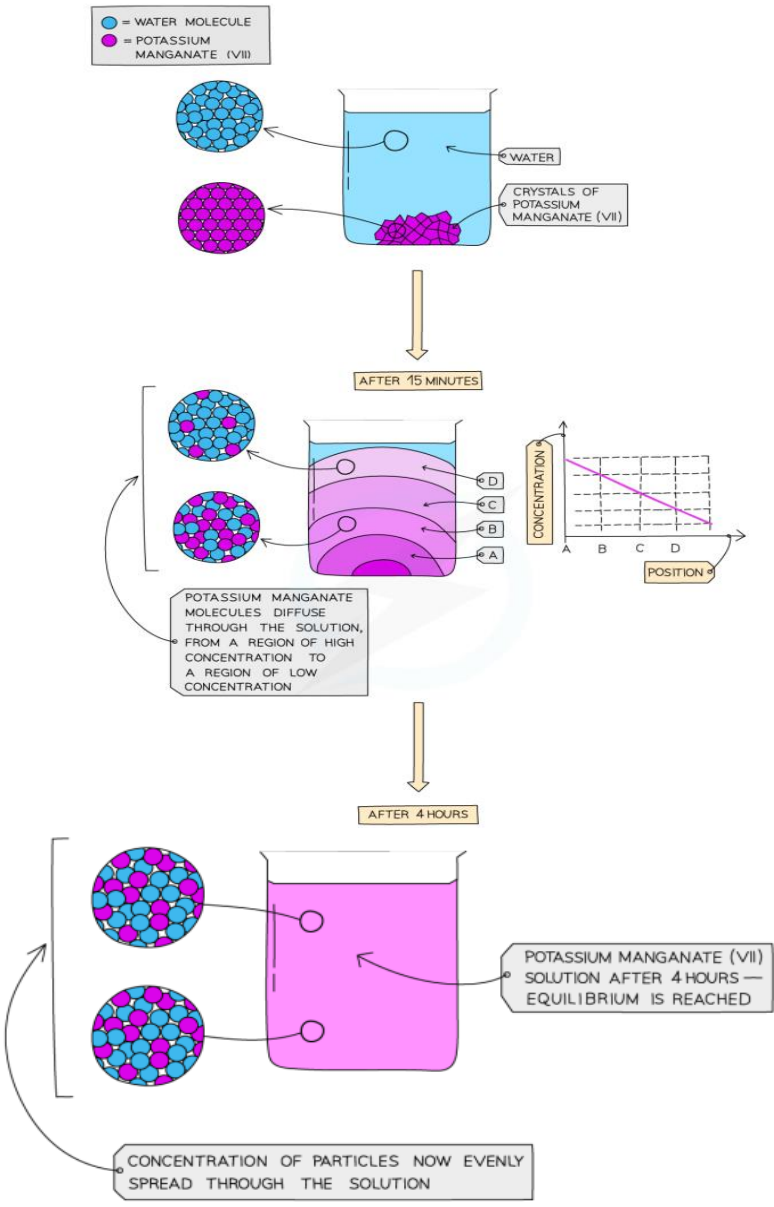
Q5 carry 3 marks

Q6 carry 4 marks

Q7 carry 5 marks

SET B2	QUESTIONS	MARKS
Q1. (i)	MULTIPLE CHOICE QUESTION- PCRA stands for- (a) Public Conservations Research Association (b) Petroleum Conservation Research Association (c) Public Council of Research Association (d) Partial Counting of remaining Amendment	1
(ii)	When coal burns in air then (a) Carbon dioxide is formed (b) Sulphur dioxide is formed (c) Carbon monoxide is formed (d) Hydrogen gas is formed	1
(iii)	What are interparticle spaces? (a) Gaps between chalk pieces (b) Spaces between particles of matter (c) Cracks on solids (d) Spaces in containers	1
Q2.	.For question numbers 2 two statements are given- one labelled Assertion (A) and the other labelled Reason (R) Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below- a) Assertion and reason both are correct statement and reason is correct explanation for assertion. b) Assertion and reason both are correct statement and reason is not correct explanation for assertion. c) Assertion is correct statement but reason is wrong statement. d) Assertion is wrong statement but reason is correct statement ASSERTION: Solids have a fixed shape REASON: They do not melt and have more mass	1

Q3.	Draw a picture representing particle present in the following- (i) Gold foil (ii) Milk (iii) Carbon dioxide	2
Q4.	Give reason- (a) Gases mix easily, while solids do not. (b) When spilled on the table, milk in a glass tumbler, flows and spreads out, but glass tumbler stays in the same shape OR	2
Q4.	Why does the water in ocean taste salty, even though salt is not visible? Explain	
Q5	Coal and petroleum are both fossil fuels formed from the remains of living organisms. However, they have different origins and are used for different purposes. (a) Explain the primary difference in the origin of coal and petroleum. (b) Describe two uses of petroleum products. (c) Why are coal and petroleum considered exhaustible resources? OR	3
Q5	Radhey prefers to go to school by pooling car. On other occasions he like to opt for public transport rather than private transport. For short distances, he walks or uses bicycle. (a) What are the benefits of carpooling? (b) Which mean of transport do you think is best for short distances? (c) How on our end we can reduce the consumption of fossil fuels?	3

Q6	 Observe the above diagram and answer the following questions (a) On which property above diagram is based? (b) What is the effect of temperature on potassium permanganate crystal? (c) Why the entire bulk of water acquire a uniform pink color? OR (c) Why many substances are insoluble in water?	1 1 2
Q7	What are the differences between the three states of matter?(based on interparticle spacing, packing of particle, interparticle attraction, movement of particle ,shape)	5