9. METALS AND NON-METALS

Q. No	Question	Marks	
Multiple Choice Question			
Q.31	In which of the following forms do electrovalent compounds conduct electricity?	1	
	A. only in solid form		
	B. both in solid form and in aqueous solution		
	C. both in aqueous solution and in molten form		
	D. in solid form, molten form and in aqueous solution		
Free Response Question/ Subjective Question			
Q.32	Opening for adding chemicals Outside iron body of reactor Outside view of reactor Cross section view of reactor	1	
	Many chemical reactions like the one shown below, are carried out in glass-lined, iron chemical reactors instead of directly in iron reactors. Sulphuric acid		
	CH ₃ COOH + CH ₃ CH ₂ OH CH ₃ COOCH ₂ CH ₃ State one advantage of carrying out the reaction in a glass-lined reactor instead of directly in an iron reactor.		

Answer Key & Marking Scheme

Q. No	Answers	Marks
Q.31	C. both in aqueous solution and in molten form	1
Q.32	1 mark for any one of the following:	1
	- no corrosion of the reactor	
	- no contamination of the product with metal / metal salts	