

CLASS XI	CHEMISTRY	
TOPIC/UNIT	QUESTION NUMBER	REMARKS
UNIT-I (SOME BASIC CONCEPTS OF CHEMISTRY)	3,4 4 5	Options not given for Assertion-Reason questions. Reason statement doesn't make any sense. Qno:1 Data incomplete. (No.of moles/molecule/mass to be specified)
UNIT-II (STRUCTURE OF ATOM-PART-I)	4	Options not given for Assertion-Reason questions
	5	CASE STUDY- Q no 1 & 3 Direct questions
UNIT-III (PERIODIC CLASSIFICATION OF ELEMENTS)-I	2 3,4 5	ANSWER NOT GIVEN (CORRECT ANSWER -C) Options not given for Assertion-Reason questions. Q:no:4,Assertion statement -conceptual error(IE1 cannot be mentioned for ions) CASE STUDY: Q NO:3 (stable oxidation state of Cr ³⁺ is the concept taught in class 12)
UNIT-III (PERIODIC CLASSIFICATION OF ELEMENTS)-II		SAME QUESTIONS & ANSWERS- Different teacher name and format.
UNIT-IV (CHEMICAL BONDING & MOLECULAR STRUCTURE)-I	5	CASE STUDY : Questions asked and Learning outcomes are not matching.
UNIT-IV (CHEMICAL BONDING & MOLECULAR STRUCTURE)(VBT & MO THEORY)	4	The relationship between Lattice enthalpy & hydration enthalpy not included in this chapter according to NCERT text book.
	5	CASE STUDY: Answer for Qno:5 to be given as ZY (Cation first,then anion)
UNIT-V(THERMODYNAMICS) PART-I	5(a) (c)	Direct question Justification not given.
UNIT-V(THERMODYNAMICS) PART-II	2 3,4	Option 4 can also be the correct answer,if Gibb's equation is used. Options not given. Q NO:3 INCORRECT ANSWER GIVEN. (Correct answer is , Assertion & reason are correct , reason is the correct explanation for assertion.)
	5	Q,no:1&2 of case study – direct questions. Q.no3:Answer not given for calculation part.
UNIT-VI(CHEMICAL-EQUILIBRIUM)		ONLY ASSERTION -REASON QUESTIONS INCLUDED Q.No 1 -not complete.
UNIT VII (REDOX REACTIONS)	4	Options not given, Compounds should be represented in the correct format using subscript and superscript.
	5(b)	Functions of salt bridge
UNIT -VIII (ORGANIC CHEMISTRY – SOME BASIC PRINCIPLES AND TECHNIQUES)	1	Direct question.
	2	Which of the following is the most reactive carbocation?(mentioned as most reaction in the question)
	3	Options not given for Assertion-Reason question.
	4	Options not given for Assertion-Reason question. Assertion:4-Methyl pentane (is an incorrect name) is wrong and reason is correct explanation.
	5	CASE STUDY

		Q.1-(Answer given is for quantitative analysis.) (same topic included in the next part also)
UNIT -VIII (ORGANIC CHEMISTRY – SOME BASIC PRINCIPLES AND TECHNIQUES)	1	attacking reagent is called (given as ia instead of is) (Direct question – definition given)
	3	Assertion statement is an example of differential extraction which is not mentioned in the textbook. Process only mentioned as students are not learning the process of sulphonation in this chapter.(Can only be considered as higher level application level question)
	5(b)	...which colour precipitate is formed? Answer for OR question reason why Prussian blue is not formed not asked in the question.
UNIT -IX (HYDROCARBONS-ALIPHATIC)	3 & 4 5	Options not given. Core concepts: Physical properties of alkane /effect of branching on boiling point can also be included.
UNIT -IX (HYDROCARBONS-AROMATIC)	1	CORE CONCEPT: CYCLIC POLYMERISATION OF ALKYNES LEARNING OUTCOME: Predict the product of Cyclic polymerisation of Alkynes.
	2	Expected learning outcomes: Understand the mechanism of Electrophilic substitution reactions.(CL080)
	3	Reaction not included in the textbook – Students are not familiar with the name Glyoxal.
	4	Options not given for Assertion-Reason question Correct answer- Assertion is correct , Reason is wrong
	5	Odour-Spelling error
