

Timestamp	Score	Candidate Name	Contact Number	Email
11/15/2025 11:56:46	18 / 20	Swanand Kelkar	7757856150	swanandckelkar@gmail.com
Current Destination	Total Year of Experience	1) Which solver is widely used for crash analysis?	2) Which of the following software is not typically used for crash simulations?	3) Which file format is commonly used for importing models into HyperMesh?
CAE Analyst	3.5	B) LS-Dyna	D) AutoCAD	B) .hm
4) LS-Dyna is developed by?	5) The term "pre-processing" in CAE refers to?	6) In crash analysis, contact definitions are used to?	7) The keyword MAT_24 in LS-Dyna refers to?	8) In crashworthiness, energy absorption primarily occurs in?
C) Livermore Software Technology Corporation	A) Setting up and meshing the model	C) Define interaction between components during impact	C) Piecewise linear plasticity	B) Structural crumple zones
9) Pam-Crash is mainly used for?	10) The hourglass effect occurs due to?	11) Which command in HyperMesh is used to check element quality?	12) Which of these is an explicit integration scheme?	13) In LS-Dyna, control cards define?
B) Nonlinear dynamic crash analysis	C) Under-integrated shell elements	A) Tool → Quality Index	B) Central Difference Method	B) Simulation settings
14) The mass scaling technique in LS-Dyna is used to?	15) What is the main advantage of using explicit solvers in crash simulation?	16) Which of the following is a post-processing software?	17) What is the main objective of a crashworthiness study?	18) Analytical thinking is important in crash analysis because?
B) Reduce computation time	A) Stability for small time steps	D) Both A and C	B) Minimize injury risk to occupants	A) It helps interpret simulation data and trends accurately
19) What type of analysis is commonly used to study airbag deployment?	20) Which parameter measures the amount of energy absorbed by a structure during a crash?			
B) Dynamic explicit analysis	B) Internal energy			