

| Timestamp | Score | Candidate Name | Email | Contact Number |
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| 11/15/2025 11:35:11 | 14 / 15 | Pushkar Kiran Khachane | khachanep24@gmail.com | 9664927629 |

| Current Designation | Total Year of Experience | 1) Which element type is best for complex geometries ? | 2) The NVH characteristic that affects "buzz and rattle" issues is mainly ? | 3) What is the typical range of damping ratio in metal structures ? |
|---------------------|--------------------------|--|---|---|
| CAE Engineer | 4.3 | Tetrahedral | All of the above | 0.01 – 0.05 |

| 4) In vehicle NVH, which part contributes most to airborne noise ? | 5) HyperWorks suite includes which of the following ? | 6) Which of the following is a post-processing output in NVH analysis ? | 7) A free-free modal analysis is performed to ? | 8) In NVH analysis, 'Harshness' mainly refers to ? |
|--|---|---|---|--|
| Body panels | HyperMesh, OptiStruct, HyperView | Mode shape animation | Determine natural frequencies without constraints | Ride comfort and shock impact |

| 9) In an automotive body, which part mainly contributes to torsional stiffness ? | 10) NVH performance in vehicles is directly affected by ? | 11) What is the typical unit of stiffness ? | 12) The stiffness of a body is defined as ? | 13) Which Altair tool is mainly used for pre-processing (meshing) ? |
|--|---|---|---|---|
| Floor and side structures | Body structure stiffness | N/m | Force/Displacement | HyperMesh |

| 14) In NVH, the frequency range of interest for passenger comfort is generally ? | 15) Which solver is best known for linear and nonlinear structural analysis ? |
|--|---|
| 20–200 Hz | Nastran |