

2024 END OF SEMESTER EXAMS – SCULPTURE 2 SOLUTION

SCULPTURE

SHS 1

1. A. Carving is a subtractive process in sculpture where material is removed from a solid block to create a desired form or shape. B. Three tools for carving include:
 1. Chisels
 2. Gouges
 3. MalletsC. Three materials for carving include:
 4. Wood
 5. Stone (such as marble or alabaster)
 6. Ivory
2. A. Casting is a process in sculpture where a liquid or molten material, such as metal or plaster, is poured into a mold and allowed to harden, resulting in a solid replica of the mold's shape. B. Three tools for casting include:
 1. Crucible
 2. Ladle
 3. Sprue cutterC. Three types of casting are:
 4. Sand casting
 5. Investment casting (also known as lost-wax casting)
 6. Die casting
3. A. A Sketch model or Marquette is a small-scale preliminary model used by sculptors to plan and visualize their larger sculptures before executing them in full scale. B. Three importance of Sketch model are:
 1. Planning and Visualization: Sketch models allow sculptors to experiment with different ideas and compositions in a smaller scale before committing to larger, more resource-intensive projects.
 2. Feedback and Communication: Sketch models can be used to communicate ideas with clients or collaborators, allowing for feedback and adjustments before proceeding to the final sculpture.
 3. Time and Cost Efficiency: Creating a sketch model can help identify potential challenges or flaws in the design early on, saving time and resources during the creation of the final sculpture.
4. A. An armature is a supportive framework or structure used in sculpture to provide stability and shape to the sculpting material, such as clay or wax. B. Three importance of Armature are:
 1. Structural Support: Armatures provide internal support to the sculpting material, preventing it from collapsing or deforming during the sculpting process.
 2. Facilitating Movement: In sculpting figures or animals, an armature allows for the manipulation of limbs and other body parts into various positions without compromising the overall structure.
 3. Conservation of Material: By providing a solid core, armatures help reduce the amount of sculpting material needed to achieve the desired form, making the process more efficient and cost-effective.