

## Study Guide for Quiz 2

Textbook: *Gateways to Art*, 2<sup>nd</sup> edition

Website: visualartnotes.com

### Part 2 - Three-Dimensional Media (3D)

#### In-class Essay questions

Buy **one large Examination booklet** for in-class essay questions. Essay questions will be worth 3 points each. Other in-class group exercises will be worth 1-3 points each.

Your essay answer should be a short paragraph consisting of at least three or more sentences. Answers should be paraphrased in your own words, not plagiarized from online sources. If you plagiarize any author's words, your answer will be critically penalized.

#### Chapter 2.4 - Sculpture

9. Specifically, describe the different medium and sculptural method used to create each figurative work of art.
- |           |                                   |                          |       |
|-----------|-----------------------------------|--------------------------|-------|
| Egyptian  | <i>Queen Tiye of Egypt</i>        | 1355 BCE                 | (378) |
| Indian    | <i>Shiva Nataraja</i>             | 11 <sup>th</sup> Century | (594) |
| Aztec     | <i>Vessel with mask of Tlaloc</i> | 1440-1469                | (596) |
| Naum Gabo | <i>Constructed Head No. 2</i>     | 1916                     | (258) |

#### Chapter 2.5 - Architecture

10. Why is steel-frame construction more effective in building skyscrapers than cast-iron construction? Also, research these two buildings and explain why each are considered early masterpieces utilizing these two different types of structural systems?
- |                |                            |           |       |
|----------------|----------------------------|-----------|-------|
| Joseph Paxton  | <i>Crystal Palace</i>      | 1851      | (281) |
| Louis Sullivan | <i>Wainwright Building</i> | 1890-1891 | (282) |

#### Chapter 2.6 - The Tradition of Craft

11. Describe the different type of craft of each piece, its media and technique.
- |                                     |  |                          |       |
|-------------------------------------|--|--------------------------|-------|
| Middle Ages                         | <i>Reliquary of the Head of St. Alexander</i>  | 1145                     | (400) |
| Islamic                             | <i>Pashmina carpet with millefleur pattern</i> | 17 <sup>th</sup> Century | (169) |
| Hawaiian                            | <i>'Ahu 'ula (Cloak)</i>                       | 18 <sup>th</sup> Century | (459) |
| Maria Martinez and<br>Juan Martinez | <i>Bowl with plumed serpent</i>                | 1925                     | (296) |
| Dale Chihuly                        | <i>Fiori di Como</i>                           | 1998                     | (299) |

#### Chapter 2.10 Alternative Media and Processes

12. Describe the alternative media and process. Also, what is the statement, meaning or purpose of each work of art?
- |                     |  |      |       |
|---------------------|--|------|-------|
| Yves Klein          | <i>Anthropométries de l'époque bleue</i> | 1960 | (666) |
| Fred Wilson         | <i>Portraits of Cigar Store Owners</i>   | 1993 | (361) |
| Athena Tacha / EDAW | <i>Star Fountain, Muhammad Ali Plaza</i> | 2009 | (261) |

## Chapter 2.4 - Sculpture

### 1. Free-standing Sculpture versus Relief Sculpture

- a. Describe the difference between a free-standing sculpture and a relief sculpture.
  
- b. What seems to be the difference in a bas relief (low relief) versus a high relief sculpture?

### 2. Methods & Materials - Be able to identify the different methods and materials utilized in subtractive and additive sculpture.

#### a. Subtractive Sculpture

- 1) What solid materials could be carved?
  
- 2) What might be the use of *Contrapposto*?

#### b. Additive Sculpture

- 1) What material can be modeled (formed with your hands)?
  
  - 2) How might casting (lost-wax process) be created? What materials can be cast?
  
  - 3) Which types of materials could be assembled or constructed? How might these materials be put together?
- c. Which type of sculpture, additive or subtractive, do you think would be more difficult and less forgiving for errors?

### 3. Modern Material and Methods in Sculpture

- a. What might be different about Earthworks from other types of sculpture?
  
- b. An *Assemblage* would be derived from which type of additive method? What materials are used for assemblage?
  
- c. Who gets credit for the *Readymade* and how would you describe a *Readymade*?
  
- d. What can a *Kinetic Sculpture* or *Light Sculpture* achieve in a work of art and by what means?
  
- e. What might it mean to use *Mixed Media*?

## Chapter 2.5 - Architecture

Be able to identify and distinguish each type of structural system used in architecture.

### 1. Traditional or Ancient Building Methods

- a. Describe *Load-Bearing Construction*.
  
- b. How might a *Post-and-Lintel Construction* be created?
  - 1) What would be the design of a *Colonnade* using a post-and-lintel construction?
  
  - 2) A *Hypostyle Construction* consists of what type of configuration using the post-and-lintel construction?
  
- c. What would be the most important piece in a *Round Arch*? Who perfected the round arch?
  - 1) Describe how an *Arcade* would be designed using a round arch?
  
  - 2) How would a round arch be constructed to form a *Barrel Vault*?
  
  - 3) How might a round arch be engineered to create a *Groin Vault*?
  
  - 4) What is the construction of a *Dome*?
    - a) How does a *coffered ceiling* or *coffers* effect the construction of a dome?
  
    - b) How originally did natural light enter into a dome?
  
- d. What did the original designers achieve with a *Pointed Arch*?
  - 1) What would be the design of a *Lancet* using a pointed arch?
  
  - 2) How would a pointed arch be used to create a *Ribbed Vault*?
  
- e. What seems to be the importance of *Buttressing* or a *Buttress System*?
  - 1) Compare the difference between a solid buttress and a flying buttress.
  
  - 2) Can the buttress system be utilized with round arches and pointed arches?

## 2. Recent Methods and Materials

- a. How might a *Post-and-Beam Construction* be similar, yet different than a *post-and-lintel construction*?
- b. How did *Balloon-Framing* get its name and on what type of architecture utilizes *balloon-framing*?
- c. What role did *Cast-Iron Construction* have in the development of architecture?
- d. How did the *Steel-Frame Construction* revolutionize skyscrapers?
  - 1) What does a *skeleton & skin construction* refer to?
- e. What two kinds of designs can be accomplished with *Reinforced Concrete*?
- f. Which geometric form does a *Truss Construction* utilize and why might it be an important form for architecture?
- g. A *Geodesic Dome Construction* utilizes what type of geometric form and what shape is achieved?
- h. What type of architecture utilizes a *Steel-Cable Construction*? (Also known as *Suspension & Tensile Construction*)

## 3. Styles in Architecture

- a. Revivalism Architecture
- b. Art Nouveau Style (1890s-1910)
- c. Arts & Craft Movement (1890s-1910)
- d. Frank Lloyd Wright (1890s-1959)
- e. Modern (1920-1975)
- f. Signature-Style (1930-1975)
- g. Postmodern (1975-2000)
- h. Deconstructivist (2000-current)
- i. Sustainable / Green (current)

## Chapter 2.6 - Tradition of Craft

How might craft be categorized?

### 1. Ceramics

- a. List three different types of clay and what types of work can be created from each type?
- b. What would be several different methods and/or techniques used to create clay objects?
- c. What do kiln firings achieve?
- d. What does glaze achieve?

### 2. Glass

- a. What might be the principal ingredient for glass?
- b. What could be some various techniques and/or methods used to create glassworks?
- c. Various Studios or Glassworks Companies
 

|  |   |
|--|---|
| 1) Gallé Studios - Emile Gallé                   | est 1874 France                             |
| 2) Tiffany Glass Company - Louis Comfort Tiffany | est 1885 America                            |
| 3) Steuben Glassworks - Fredrick C. Carder       | est 1903 America                            |
| 4) Lalique Glass Studio - René Lalique           | est 1903 France                             |
| 5) Chihuly Studio - Dale Chihuly                 | est 1971 America leading current glassmaker |

### 3. Metalwork and Jewelry

- a. What are various methods or techniques utilized in metalwork?
- b. Famous Houses (commercial establishments) of metalwork & jewelry
 

|   |                  |
|---|------------------|
| 1) House of Lalique - René Lalique                                  | est 1881 France  |
| 2) House of Cartier - Louis-François Cartier                        | est 1847 France  |
| 3) Tiffany & Company - Charles Lewis Tiffany                        | est 1837 America |
| 4) House of Fabergé - Gustav Fabergé                                | est 1842 Russia  |
| 5) House of Van Cleef & Arpel -<br>Alfred Van Cleef & Solomon Arpel | est 1896 France  |

#### 4. Wood

- a. List several reasons why wood can be a popular medium for artists?
- b. Besides sculpture, what other types of work can be carved from wood?
- c. What descriptive quality or characteristics could you recognize in these different 20<sup>th</sup> Century furniture styles?
  - 1) Art Nouveau Style
  - 2) Arts & Crafts Movement
  - 3) Art Deco Style
  - 4) Modern Style
  - 5) Postmodern Style
- d. Why did furniture styles and materials keep changing over time?

#### 5. Fiber

- a. What types of fibers originate from the following sources:
  - 1) animals
  - 2) plants
  - 3) synthetics
- b. Describe a warp & weft/woof grid system and how would this grid be important to weaving?
- c. Differentiate between pile weaving and using a loom.

#### Chapter 2.10 Alternative Media and Processes

1. Conceptual Art
2. Performance Art
3. Installation and Environments