

2024 WASSCE MOCK SCUPLTURE 1
SCULPTURE
PAPER 1
OBJECTIVES TIME: 2hrs

1. Which of the following fillers is suitable for mending cracks in fired clay sculpture
 - (a) Decorating filler
 - (b) car body filler
 - (c) Silicone sealant
 - (d) cement fondu
2. The term *glyptic* refers to those materials that are
 - (a) Modelled
 - (b) cast
 - (c) carved
 - (d) manipulated
3. An ethnic group credited with the making of terra cotta heads is
 - (a) Bambara
 - (b) Baule
 - (c) Ngere
 - (d) Nok
4. Which of the following is the reason for polishing wood carving?
 - (a) Prevention of discoloration
 - (b) Preventing decay
 - (c) Improving texture
 - (d) making the wood lighter
5. *Sizing* is an important step in
 - (a) Casting
 - (b) modeling
 - (c) assemblage
 - (d) caving
6. In metal construction, *snips* are useful for
 - (a) Soldering
 - (b) measuring
 - (c) cutting
 - (d) bending
7. A suitable bonding technique for Styrofoam assemblage is
 - (a) Gluing
 - (b) riveting
 - (c) soldering
 - (d) welding
8. *Warping* occurs during wood seasoning when
 - (a) Wood is packed under shade
 - (b) Air flows easily around the logs
 - (c) Logs are exposed to intense heat
 - (d) Logs are packed to in room

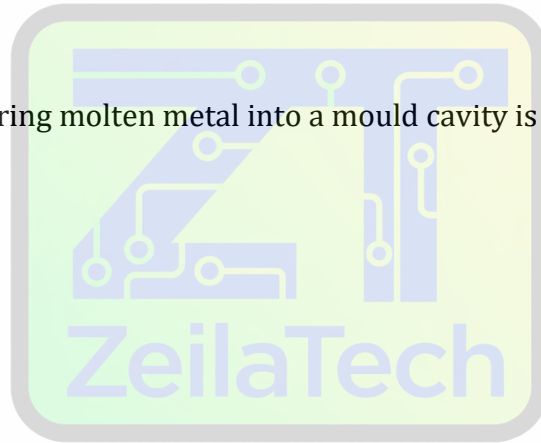


9. *Alto relivo* is the same as
- (a) Incised relief
 - (b) low relief
 - (c) medium relief
 - (d) high relief
10. Which of the following species of wood is the hardest
- (a) Afromosia
 - (b) cedar
 - (c) Mahogany
 - (d) Rosewood
11. Ideas worked out in clay for final work is referred to as a
- (a) Design
 - (b) figurine
 - (c) maquette
 - (d) statuette
12. *Burr* formed on the edge of a carving tool is removed by
- (a) Rubbing with sand paper
 - (b) washing in kerosene
 - (c) Stropping on the palm
 - (d) washing with detergent
13. Identify the medium that has the characteristics of clay from the following
- (a) Plasticine
 - (b) cement
 - (c) papier mache
 - (d) plaster of paris
14. In the *cire perdue* process, air jets are placed in the mould to
- (a) Serve as funnel for pouring metal
 - (b) Cooling molten metal
 - (c) Suck air into the mould
 - (d) Allow entrapped air to escape
15. New carving tools retain their hardness by
- (a) Grinding
 - (b) honing
 - (c) tempering
 - (d) whetting
16. Which material will go off when exposed to damp conditions
- (a) Clay
 - (b) Plaster
 - (c) Plasticine
 - (d) Wax
17. Which of the following aptly describes a *flutter*?
- (a) U -shaped gouge with large radius
 - (b) C- shape gouge with small radius
 - (c) A large chisel with double bevel
 - (d) A small chisel with bend edge

18. Plastic clay is manually **de-aired** by
- (a) Drying
 - (b) firing
 - (c) washing
 - (d) wedging
19. Which of these finishes will not protect woodcarving?
- (a) Polymethane
 - (b) shellac
 - (c) varnish
 - (d) wax
20. The term *checks* apply to
- (a) Seasonal rings in the section of wood
 - (b) Cracks that appear in wood
 - (c) The texture created by tools
 - (d) The warping in wood
21. Which of the following qualities is associated with metal sculpture?
- (a) High warping rate
 - (b) high porosity
 - (c) High tensile strength
 - (d) high plasticity
22. A major drawback in using very plastic clay for modeling is that it
- (a) Is sticky and difficult to work with
 - (b) Is dense and takes a long time to dry
 - (c) Does not easily hold shape
 - (a) Is sticky and easy to work with
23. An outstanding characteristic of *kinetic* sculpture is that it
- (a) Is always stationary
 - (b) Forms patina on the surface
 - (c) Always moves with air
 - (d) Is made of metal
24. Assemblage of plastics is suitably done by
- (a) Gluing
 - (b) nailing
 - (c) riveting
 - (d) welding
25. The appropriate condition to *size* a plaster mould is when it is
- (a) Cold
 - (b) dry
 - (c) moist
 - (d) soaked
26. An appropriate materials for both additive and subtractive sculpture is
- (a) Ivory
 - (b) metal
 - (c) plaster
 - (d) wood

27. An oil-base clay is not suitable for terra-cotta sculpture because it
- (a) Cannot be fired
 - (b) will loss it colour
 - (c) Softens when exposed to heat
 - (d) is not readily available
28. In the lost wax process, remnants left on the cast are removed by
- (a) Abrading
 - (b) burnishing
 - (c) chasing
 - (d) polishing
29. Blocking wood is the function of a
- (a) Skew
 - (b) u-gouge
 - (c) v-gouge
 - (d) bent chisel
30. The best way to arrange letters on a plaque is by the use of
- (a) Optical spacing
 - (b) the grid system
 - (c) Mechanical spacing
 - (d) equal spacing
31. The type of stone used for traditional West African sculpture is
- (a) Basalt
 - (b) granite
 - (c) gypsum
 - (d) sandstone
32. Ebony is a favourite wood for sculpture because it
- (a) Stains and polishes well
 - (b) Has interlocking grains
 - (c) Works easily with hand tools
 - (d) Finishes smoothly and polishes well
33. Plaster of Paris is essentially used for
- (a) carving, construction and modeling
 - (b) mould making, casting and modeling
 - (c) construction, carving and casting
 - (d) assemblage, construction and modeling
34. Sculptors refer to a mixture of cement, water and sand as
- (a) Concrete
 - (b) aggregate
 - (c) mortar
 - (d) cast
35. Clay sculptures are usually decorated by
- (a) Firing
 - (b) texturing
 - (c) painting
 - (d) varnishing

36. When clay is not thoroughly worked together during modeling, it
- (a) Shrinks during firing
 - (b) loses its colour on firing
 - (c) fire at high temperature
 - (d) forms air pockets
37. Cracks in fired clay sculpture are suitably filled with
- (a) Epoxy resin
 - (b) putty
 - (c) shellac
 - (d) wood glue
38. Curing of cement sculpture is enhanced by
- (a) Drying it in a room
 - (b) Covering it with jute sack
 - (c) Exposing it to direct sunlight
 - (d) Pouring water constantly on it
39. Identify from the following, a finishing technique that will make metal surface shine
- (a) Spraying
 - (b) sanding
 - (c) bugging
 - (d) abrading
40. The gateway for pouring molten metal into a mould cavity is referred to as a
- (a) Duct
 - (b) gate
 - (c) lantern
 - (d) sprue



Smart Learning Tools