

B.F.A. III SEMESTER (Sculpture), EXAM-DEC-2022
TECHNICAL THEORY FOR SCULPTURE

PAPER-II

Time: 3 Hrs.

Max. M. 70 Min. M.23

Note : Attempt all questions.

SECTION-A (Objective questions) 15

- (i) Chunar (india) is famous for?:-
 a) For Granite b) Sand stone c) Marble
- (ii) Broze used for sculpture is a mixture (alloy) of _____.
 a) Copper, Tin, Zine, Lead
 b) Copper, Zinc, Iron ,Aluminium
 c) Copper, Zinc, Magnesium,Aluminium
- (iii) Example of sedimentary rock is _____.
 a) Sand stone b) Granite c) Marble
- (iv) Red oxide is close to which colour?:-
 (a) Brunt Sienna (b) Brant umber (c) Indian red
- (v) Cobalt nepthanate chemical used in _____.
 a) Bronze casting b) Fibreglass casting c) Seasoning of Wood
- (vi) The Yogi (priest) sculpture found from Indus vally civilization is made up of:-
 a) Marble b) Steatite c) Sand stone
- (vii) The Useful part of wood for carving (sculpture) is _____.
 a) Sap wood b) Bark c) Heart wood
- (viii) Repousse is related to _____.
 a) Inlay work b) Relief work c) Casting
- (ix) Which of the following is the correct order of melting point/ low to high melting Point?:-
 a) Aluminium, Zinc, Bronze, Iron b) Aluminium, Zinc, Iron, Bronze
 c) Zinc, Aluminium, Bronze, Iron

- (x) The term 'cire perdue' is associated with.
 a) Metal welding b) Terracotta c) Lost wax casting

True or False.

- (xi) Grog is essential in fiberglass casting.
 (xii) Melting point of Bronze metal is around 1000° celcius.
 (xiii) Limestone is a kind of metamorphic rock.
 (xiv) Plaster of Paris was main material of sculpture since Ancient time.
 (xv) Buddha statue in sitting posture from Gupta period is made up of sandstone.

SECTION-B (Short questions)

5x5=25

Answer any five questions.

- (1) Write any five precautions to be taken during metal casting.
- (2) What is the best method of cutting wood base for wood carving ?
- (3) Explain the method of making plaster of paris mold.
- (4) What does 'warning layer' mean?
- (5) what method of managing the armature and model would you use to create the portrait.
- (6) Draw sketches of any five tools of wood carving.
- (7) What is Crucible and what are its uses?
- (8) Draw a sketch of the basic tools of clay modeling.

SECTION-C (Long questions)

3x10=30

Attempt any three questions.

- (1) Write the method of clay preparation including selection of clay for clay modeling.

Or

Plan the main components for building a new sculpture studio.

- (2) Explain in detail the process of metal casting.

Or

Explain in detail the method of fiberglass casting.

- (3) What is carving explain in detail?

Or

Explain the direct application (casting) of cement method..