

- No. of Printed Pages : 4
Roll No. /0431

Time : 3Hrs. M.M. : 100

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- ## SECTION-D

Q.36 Define flux. Write fluxing materials used. Explain any one.

Q.37 Define the term fritting. Explain frit making process in detail.

Q.38 Explain on glaze and under glaze decorations.

- Q.5 _____ is a defect glaze in ceramic ware-
- Dunting
 - Crazing
 - Cracking
 - All of these
- Q.6 Enamel is coated on the surface of _____
- Metal
 - plastic
 - wood
 - Ceramics
- Q.7 The feldspar in body _____ the maturing / firing temperature
- Lowers
 - Increases
 - Does not effect
 - Some time decreases some time increases
- Q.8 Which of the following is type of glaze?
- Transparent glaze
 - Matt glaze
 - Opaque glaze
 - All of these
- Q.9 Clay is _____ raw material.
- Non plastic
 - Plastic
 - Non clay plastic
 - None of these
- Q.10 The Quartz is _____ in nature.
- Plastic
 - Non plastic
 - Both (a) & (b)
 - None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Steatite mineral is very _____. (Hard/soft)
- Q.12 The formula of Kyanite is _____. ($\text{Al}_2\text{O}_3 \cdot \text{SiO}_2$ / $\text{Al}_2\text{O}_3 \cdot 4\text{SiO}_2$)
- Q.13 _____ is coloring oxide used in frits. (Chromium oxide, Sand)
- Q.14 On glaze is one type of decorations. (True/False)
- Q.15 Ball clay and china clay are _____ raw materials. (Plastic / Non Plastic)
- Q.16 Soda feldspar is used as _____ to reduce maturing temperature of glaze. (Flux / Deflocculant)
- Q.17 _____ is one of the raw materials of silica. (Quartz / feldspar)
- Q.18 Glaze is thin layer of _____ fused on surface of body. (Glass / Metal)
- Q.19 In-glaze is one type of decorations. (True/False)
- Q.20 Ball clay is more plastic than china clay. (True / False)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Why ball clay is more plastic than china clay?
- Q.22 Explain ground coat enameling