

- Q.26 List different types of clay. Explain any one.
 Q.27 Explain the role of opacifiers in glaze.
 Q.28 Explain on glaze decorations.
 Q.29 List five alkali materials used for making glaze.
 Q.30 Define the term drying. Name factors affecting drying rate.
 Q.31 Name defects of enamel. Explain any one.
 Q.32 List application methods of glaze. Explain any one.
 Q.33 Draw flow chart of frit making.
 Q.34 Explain dipping method of glaze application.
 Q.35 How will you select raw materials of glaze?

SECTION-D

Note: Long answer questions. Attempt any two questions out of three Questions. (2x10=20)

- Q.36 Name and explain different decoration method of glaze.
 Q.37 Explain Base metal preparation for application of glaze.
 Q.38 Explain preparation of glaze with the help of flow diagram.

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SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Q.1 Which of the following is raw glaze.
 a) Porcelain Glaze
 b) Lead Borosilicate glaze
 c) Both A & B
 d) None of the above
 Q.2 Fritting is carried out to
 a) To convert insoluble into soluble form
 b) Both A & B
 c) To lower the maturing temperature of glaze
 d) None of the above
 Q.3 Clay is used in glaze to
 a) Decrease TSR
 b) Increase maturing temperature
 c) Keep the glaze in suspension
 d) Reduce melting point

- Q.4 Fluxing agent is used in glaze to reduce _____
a) Viscosity of glaze
b) Maturing Temperature
c) Density of glaze
d) All of the above

Q.5 Lead glazes are rarely used because these are
a) Poisonous b) Less popular
c) Luster less d) Expensive

Q.6 _____ glaze is also known as Vapour glaze.
a) Lead b) Crystalline
c) Glaze d) Salt

Q.7 _____ is form of silica.
a) Kyanite b) Sandstone
c) Talc d) Sillimanite

Q.8 Drying rate increase with _____.
a) Increase in Temperature
b) Increase in Humidity
c) Flow of Air
d) Both A & B

Q.9 Which of the following is NOT the defect of enamel?
a) Under fired b) Rolling
c) Black Core d) All of the above

Q.10 Which of the following is decoration method
a) Pouring b) Dipping
c) Stencilling d) None of these

SECTION-B

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

- Q.11 Glaze and glass are _____ in physical properties.
(Similar/Dissimilar)

Q.12 Soda feldspar is used in glazes as _____.

Q.13 Fritting is done to convert toxic material into non-toxic form
(True/False)

Q.14 Stenciling is one type of _____ method.

Q.15 Spraying method of enamelling is used for small wares.
(True/False)

Q.16 _____ is non clay plastic raw material.

Q.17 Under glaze is one type of decorations. (True/False)

Q.18 Ball clay is more plastic than bentonite clay. (True/False)

Q.19 Increase in surrounding humidity increases the drying rate. (True/False)

Q.20 _____ is type of glaze defect.

SECTION-C

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

- Q.21 List difference between ball clay and china clay.
 - Q.22 Write placing precautions of glazed ware before firing.
 - Q.23 Explain vapour glaze.
 - Q.24 Discuss importance of fritting.
 - Q.25 Discuss similarities between glaze and glass.