

Q.32 Discuss opportunities for ceramics engineering diploma holders.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. (3x10=30)

Q.33 Discuss history and development of ceramics engineering.

Q.34 Explain classification of white wares.

Q.35 Name raw materials of refractories. Discuss factors affecting selection of raw materials.

Q.36 Explain classification of Cement.

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Roll No.

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2nd Sem. / Ceramic Engg.

Subject : Introduction to Ceramics Engineering

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

Q.1 Ceramic wares are made from earthy deposits. (True/False)

Q.2 Refractory materials can withstand at _____ temperature.

Q.3 Ceramics can be used to fill cavities of teeth. (True/False)

Q.4 _____ is one type of raw material of Whiteware.

Q.5 Silica is acidic refractory. (True/False)

Q.6 Neutral refractories are neither attacked by acidic slags nor by basic slags. (True/False)

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- Q.7 The colour of Portland cement is _____.
- Q.8 Glass is non- crystalline. (True/Fasle)
- Q.9 Earthenware is one type of refractory. (True/False)
- Q.10 Melting point of silica is _____.

SECTION-B

Note:Very short answer type questions. Attempt any ten questions out of twelve questions. (10x2=20)

- Q.11 Define Ceramics.
- Q.12 Name two types of whitewares.
- Q.13 Name two raw materials of refractories.
- Q.14 Define glass.
- Q.15 List two applications of refractories.
- Q.16 Define cement.
- Q.17 Tell formula of silica.
- Q.18 Write two examples of refractories.

- Q.19 Name two raw materials of glass.
- Q.20 Why colour of Portland cement is grey?
- Q.21 List two types of cement.
- Q.22 Write two applications of cement.

SECTION-C

Note:Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

- Q.23 Discuss in brief scope of Ceramic Engineering.
- Q.24 List four properties of whitewares.
- Q.25 Define heavy clay wares, Give two examples.
- Q.26 Write and explain two properties of refractories.
- Q.27 List properties of Portland cement.
- Q.28 Differentiate terracotta and earthenware.
- Q.29 Discuss raw material of glass.
- Q.30 Differentiate wall and floor tiles.
- Q.31 Name five types of refractories.