

Multiple Choice Questions:

1. The word 'ceramic' meant for _____.
(a) soft material (b) hard material (c) burnt material (d) dry material
2. Not a characteristic property of ceramic material
(a) high temperature stability (b) high mechanical strength
(c) low elongation (d) low hardness
3. Major ingredients of traditional ceramics
(a) silica (b) clay (c) feldspar (d) all
4. Not a major contributor of engineering ceramics
(a) SiC (b) SiO₂ (c) Si₃N₄ (d) Al₂O₃
5. The following ceramic product is mostly used as pigment in paints
(a) TiO₂ (b) SiO₂ (c) UO₂ (d) ZrO₂
6. Most commercial glasses consist of
(a) lime (b) soda (c) silica (d) all
7. Hot isostatic pressing is not a viable option if the chief criterion is
(a) strength without grain growth (b) lost cost
(c) zero porosity (d) processing refractory ceramics
8. During sintering densification is not due to
(a) atomic diffusion (b) surface diffusion (c) bulk diffusion (d) grain growth

Answers:

1. c
2. d
3. d
4. b
5. a
6. d
7. b
8. b