

Multiple Choice Questions:

1. First material known to be used by man

- (a) Cotton (b) Bronze (c) Iron (d) Rock

2. First metal known to be used by man

- (a) Iron (b) Bronze (c) Silver (d) Aluminium

3. Which one of the following is not basic component of Materials Science?

- (a) Cost (b) Properties (c) Structure (d) Performance

4. Figure out the odd statement about ceramics in the following

- (a) Good insulators of heat and electricity (b) Usually less desired than metals
(c) Ductile in nature (d) Contains both metallic and nonmetallic elements

5. Pick the composite from the list

- (a) Wood (b) Steel (c) Nylon (d) Mica

6. Not an example for actuator

- (a) Optical fiber (b) Shape memory alloys
(c) Magneto-strictive materials (d) Electro-/Magneto-rheological fluids

7. Strong and ductile materials

- (a) Polymers (b) Ceramics (c) Metals (d) Semiconductors

8. Presently most used metal in the world

- (a) Aluminium (b) Gold (c) Steel (d) Silver

9. Detrimental property of a material for shock load applications

- (a) High density (b) Low toughness (c) High strength (d) Low hardness

10. Ductile material

- (a) Diamond (b) Titanium (c) Iron (d) Gold

Answers:

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