



Scope of topics from the earlier BPMMQ events

The topics/themes of the quiz pertain to materials science and metallurgy, including metals, alloys, ceramics, polymers and other materials and their physical, chemical, mechanical and nuclear properties. There is wide assortment of topics in the above domains. Some of these topics/themes are listed below, for your reference. ***However, students are advised not to confine themselves to the following topics while preparing, as the quiz can have any question in the above domains. The quiz may be conducted in any interesting pattern including textual, pictorial, video or a combination of them.***

The following list includes sample topics taken from the previous quizzes:

- Materials in News; Materials in Energy sectors; Materials in space; Everyday materials; Materials in transportation; Fire Extinguishing Materials; Functional and Smart Materials; Nanomaterials; Hazardous materials; crystallography; Exotic Materials
- Fundamental Particles; Chemical and physical properties of elements; Interaction of light with materials; Semiconductors and Super conductors; Electronic Materials; Magnetic materials
- Biomaterials; Biodegradable materials; Materials from Nature
- Extraction; Material Processing; Mechanical behaviour, Non-destructive testing; Corrosion Management; Macro and Microscopic Characterisation techniques
- Famous Scientists and their discoveries
- Laws and Relations
- Gems; Ancient Metallurgy; Ores / Elements