

# Msbte News

## 22204 Construction Materials Mcq Test papers

various operations involved in manufacturing burnt clay bricks?

- (a) Preparation of clay
- (b) Drying
- (c) Moulding
- (d) All of the above **Answer**

Field tests performed on bricks for its suitability

- (a) Shape and size
- (b) Soundness
- (c) Structure
- (d) Hardness
- (e) All of the above **Answer**

classification of materials.

- (a) Natural materials
- (b) Recycled materials
- (c) Artificial materials
- (d) Special materials
- (e) All of the above **Answer**

applications of soils as a construction material.

- (a) The structure is glassy.
- (b) Not affected by chemicals.
- (c) Less expansion & contraction.
- (d) It is used for making earthen dams, canals, embankments. **Answer**

Coarse Aggregate

- (a) Artificial crushed stone sand
- (b) Sea sand
- (c) Crushed stone particles
- (d) None of the above **Answer**

Fine Aggregate

- (a) Brickbats
- (b) River sand
- (c) Pit sand
- (d) Both (b) & (c) **Answer**

properties of tar

- (a) contains more carbon content. **Answer**
- (b) It should have good dimensional stability.
- (c) It should have average abrasion about 3mm
- (d) Easy to handle and fix

properties of precast pavement blocks

- (a) It should be fire resistance
- (b) It has high viscosity
- (c) It should have a non-skid surface. **Answer**
- (d) It should have low density and porous texture

properties of sound insulating materials

- (a) The setting time is less.
- (b) It should be resistant to attack termite and insect **Answer**
- (c) It becomes more fluid when heated.
- (d) It should have very low water absorption about 5%

Properties of ceramic materials in construction.

- (a) It should stick easily to the surface.
- (b) It should render the surface glossy.
- (c) It should dry rapidly / quickly
- (d) It is insulator thermally & electrically **Answer**

need of agro and industrial waste as a construction material.

- (a) To maintain ecosystem
- (b) To conserve the natural resources.
- (c) To reduce / control pollution.
- (d) All of the above **Answer**

situations where oil paint are used

- (a) To enhance the appearance of plaster.
- (b) Used on wall boards
- (c) To protect the metals works from corrosion **Answer**
- (d) To increase life of plaster

situations where distempers are used

- (a) To increase the life of material.
- (b) Commonly used for interior works of buildings on plastered surfaces **Answer**
- (c) To protect the wood works from attack by termites.
- (d) To prevent the wood works from humidity.

properties of an ideal varnish

- (a) It should not be affected by atmospheric action.
- (b) It should form a hard, durable, flexible film on painted surfaces.
- (c) It is brittle.
- (d) Both (a) & (b) **Answer**

#### Properties of POP

- (a) Sound insulating boards
- (b) Used in artwork, pottery
- (c) Ornamental work on a plastered surface.
- (d) Not affected by bacteria **Answer**

#### Uses of POP

- (a) Can be molded to any shape
- (b) As an insulation material from heat action **Answer**
- (c) It is hard after molding
- (d) Light in weight

#### Uses of rice husk

- (a) Used for geotextile.
- (b) To make high grade concrete & mortar. **Answer**
- (c) To make floor tiles
- (d) Used for thermal insulation.

#### Uses of coir fibre

- (a) To make door mats, brushes, mattresses **Answer**
- (b) Used in manufacturing of clay bricks
- (c) Used as fuel in boilers & for power generation.
- (d) To make sound insulating material.

#### uses of granite & marble polishing waste

- (a) Used in the manufacturing of bricks.
- (b) Used in manufacturing of paving blocks
- (c) Used as fine aggregate in mortar & concrete.
- (d) All of the above **Answer**

#### Uses of Glass Fibres

- (a) Used as a filter in air conditioners. **Answer**
- (b) For manufacturing the roofing sheet used with cement.
- (c) Used in electrical insulation work.
- (d) Used to make pipe

#### Uses of Asbestos Fibres

- (a) Used as fine aggregate for finishing plaster to reduce cracking.
- (b) Used in manufacturing of water tanks
- (c) It is used for thermal insulation work for pipe line. **Answer**
- (d) Used with plastic to produce glass reinforced plastic (GRP), for waterproofing of roofs.

#### materials used for waterproofing

- (a) Mastics.... Hot and Cold Mastics
- (b) Emulsions and pastes
- (c) Sealing materials
- (d) All of the above **Answer**

Enlist the types of paints.

- (a) Oil paint
- (b) Water Paint
- (c) Cement Paint
- (d) Plastic Paint
- (e) All of the above **Answer**

Natural construction materials

- (a) Bricks
- (b) Tiles
- (c) Lime **Answer**
- (d) Aggregate

Artificial Construction Materials

- (a) Timber
- (b) Cement **Answer**
- (c) Soil
- (d) Stone

State the requirements of a good building stone

- (a) It should have high durability.
- (b) It should be easy for cutting and dressing
- (c) It should have good fire resistance.
- (d) All of the above **Answer**

Uses of Veneers

- (a) It is used in kitchen and office furniture
- (b) It is used for making false ceiling
- (c) They are used for making plywood **Answer**
- (d) It is used to prepare table tops and door wardrobes

Uses of Laminated boards

- (a) They are used for making particle boards
- (b) They are used for making decorative laminates.
- (c) They are used for making sunmica and formica
- (d) It is used for wall cladding **Answer**

Methods of Quarrying of Stones

- (a) Wedging
- (b) Heating
- (c) Digging
- (d) All of the above **Answer**

Ordinary Portland Cement

- (a) It is used for plastering.
- (b) It is used for drainage & water supply works. **Answer**
- (c) It is used for floor finishing
- (d) It is used in repairing as well as maintenance work.

White Cement

- (a) It is used for drainage & water supply works.
- (b) It is used in underwater concreting work.
- (c) It is used in important structures, where great strength is required such as heavy buildings and bridges etc.
- (d) It is used for ornamental works. **Answer**

### State whether the following statements are True or False

The sand which is obtained from stone crusher after crushing the natural stone

- (a) True **Answer**
- (b) False

The process of taking out stones from natural rock beds is known as quarrying of Stones.

- (a) True **Answer**
- (b) False

lime is obtained from limestone by process of Distillation in which Nitrogen and moisture is removed

- (a) True
- (b) False **Answer**

Reason: lime is obtained from limestone by process of calcination in which carbon dioxide and moisture is removed

Moulding is the process of giving required shape & size to the plastic material (like concrete / clay) till it hardens by external surface support.

- (a) True **Answer**
- (b) False

Wall Cladding or tiling is a process of finishing the surface with tiles.

- (a) True **Answer**
- (b) False

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