



## Brick by Brick Questions & Answers

### Word Meanings

- **Masonry** — stonework
- **Durable** — able to withstand pressure
- **Eco-friendly** — environment-friendly materials that prevent air and water pollution
- **Refractory** — resistant to a process
- **Binders** — a substance added to a mixture to make all the parts stick together
- **Overall** — total, complete
- **stacked** — to prop up/ hold up

### Q. 1: Fill in the blanks:

- (a) The brick industry in India employs around **15 million** workers.
- (b) **India** is the second largest manufacturer of bricks in the world.
- (c) **Paving** bricks are used for footpaths and roads.
- (d) A **Kiln** is a place where bricks are baked.
- (e) The process of drying **increases** the overall strength of raw bricks.

### Q. 2: What is a brick?

**Ans:** A brick is a building material which is used to make walls, pavements and other elements in masonry construction.

**Q. 3: What is weathering?**

**Ans:** In the brick-making process, the soil is laid on a levelled ground, cleaned of all impurities and is then left exposed to the weather for a few months. This process of leaving the soil exposed to the weather for a few months is known as weathering.

**Q.4: Why are bricks called 'eco-friendly' material?**

**Ans:** Bricks are called 'eco-friendly' materials because they are energy efficient and hold sunlight throughout the day and release that energy after sunset.

**Q. 5: What happens if damp bricks are taken directly for burning?**

**Ans:** If damp bricks are taken directly for burning then, it results in the cracking of the bricks.

**Q. 6: How do makers ensure that bricks don't stick to their moulds?**

**Ans:** Makers use sand to ensure that bricks don't stick to their moulds.

**Q. 7: How is the colour of the bricks established?**

**Ans:** The colour of the bricks is established by the minerals used to make them.

**Q. 8: What are the different types of bricks?**

**Ans:** The different types of bricks are:

- i. Face Bricks
- ii. Common Bricks
- iii. Paving Bricks
- iv. Fire Bricks
- v. Refractory Bricks

**Q. 9: Answer the following:**

**(a) Major brick-producing states in India.**

**Ans:** Uttar Pradesh, Haryana and Punjab

**(b) Bricks designed to withstand high temperatures.**

**Ans:** Refractory Bricks

**(c) What is a pug mill?**

**Ans:** A pug mill is a machine in which clay or other materials are mixed into a plastic state by thoroughly breaking, watering and kneading it.

**(d) What is the use of moulds?**

**Ans:** Moulds are used for shaping the bricks.

**(e) Which is the most commonly used pattern for assembling the bricks?**

**Ans:** 'Running bond'

**(f) What is 'course'?**

**Ans:** A row of bricks is called a 'course'.

**Q. 10 Give the antonym:**

<b>a. available</b>	Unavailable
<b>b. high</b>	Low
<b>c. increased. exteriors</b>	Decrease Interiors

**Q. 11. Give the Synonym:**

<b>a. Protect</b>	Assure
<b>b. excess</b>	surplus
<b>c. contribute to</b>	provide, furnish, donate
<b>d. steady</b>	Stable

## **Brick by Brick**