

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Rulers and Buildings

Q1. How is the "trabeate" principle of architecture different from the "arcuate"?

Ans. \_\_\_\_\_  
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Q2. Write a short note on architecture of Taj Mahal.

Ans. \_\_\_\_\_  
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Q3. Write a short note on Qutb Minar.

Ans. \_\_\_\_\_  
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Q4. What were the main features of Shah Jahan's new city Shahjahanabad?

Ans. \_\_\_\_\_  
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## Rulers and Buildings

Q1. How is the "trabeate" principle of architecture different from the "arcuate"?

Ans. In "trabeate" principle of architecture roofs, doors and windows were made by placing a horizontal beam across two vertical columns.

In "arcuate" principle of architecture the weight of the superstructure above the doors and windows was sometimes carried by arches.

Q2. Write a short note on architecture of Taj Mahal.

Ans. Shah Jahan adapted the river-front garden in the layout of the Taj Mahal, the grandest architectural accomplishment of his reign. Here the white marble mausoleum was placed on a terrace by the edge of the river and the garden was to its south. Shah Jahan develop this architectural form as a means to control the access that nobles had to the river.

Q3. Write a short note on Qutb Minar.

Ans. Qutbuddin Aybak had this constructed around 1199. The Qutb Minar is five storeys high. There is pattern created under the balcony by the small arches and geometrical designs. Surface of the minar is curved and angular. Placing an inscription on such a surface required great precision. Only the most skilled craftsman could perform this task.

Q4. What were the main features of Shah Jahan's new city Shahjahanabad?

Ans. In the new city of Shahjahanabad that he constructed in Delhi, the imperial palace commanded the river-front. Only specially favoured nobles – like his eldest son Dara Shukoh – were given access to the river. All others had to construct their homes in the city away from the River Yamuna.