



Questionbank – Grade4

Environmental studies

Chapter - 8

Building bridges

Name the following

1. The person who studies the ground and decides which place a bridge has to be built.
2. The person who works out every small detail of the materials required and in what order the work must be done.
3. The person who draws the design for the bridge based on where it is going to be built and the load it has to carry.
4. The people who built the bridge under the close supervision of others.
5. The other name of the sea bridge found in Mumbai that crosses part of the Arabian Sea.

Fill in the blanks

6. The longest sea bridge in India is the -----
7. The Pamban bridge is a -----
8. The pamban bridge connects ----- and -----
9. The longest bridge in India is the ----- also called the -----
10. The oldest bridge in India is the -----

Write true or false

11. Trains can run on all bridges

12. Modern bridges are usually made of concrete

13. Relationship bridges bring People together even if they live far away from each other

14. Specially skilled people are needed to build a bridge.

Answer the following questions

15. Why are bridges necessary?

16. Where are wooden and rope bridges used?

17. What is concrete? why are concrete and steel used in building bridges?

18. Mention three types of bridge designs.

19. What are a relationship bridges built with?

20. How will you repair a relationship bridge that has been damaged?

Answer key

1. Surveyor

2. Engineer

3. Architect

4. The metal workers and masons

5. Bandra Worli Sea Link

6. Bandra Worli Sea Link

7. Railway Bridge

8. Mandapam and Rameshwaram Island

9. Dhol Sadiya Bridge, Bhupen Hazarika Setu

10. Golden bridge

11. False

12. True

13. True

14. True

15. Bridges are structures that help people and vehicles to cross roads, rivers, canyons and so on easily and safely.

16. Wooden and rope bridges are found as foot bridges in forest and mountains.

17. Concrete is made by mixing cement sand and water. Concrete is very strong and is thus used to build buildings and bridges. Modern bridges are made of strong materials such as iron steel and concrete so that they could withstand heavy traffic load.

18. Arch bridge, Suspension bridge and Cantilever bridge.

19. Relationship bridges are built with care, love and understanding.

20. We can repair a relationship bridge with care love and understanding. We need to forgive and forget. Repairing a relationship bridge might take some time but we should work on it patiently till the bridge is prepared.

