Unit 101: Introduction to the built environment

# Worksheet 7: Understand different types of structures in the built environment (tutor)

1. The table below lists four sets (A–D) of different roads, from the roads with the most lanes to the least. Select the set that is correct in the order of most lanes to least.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Road categories** | | | | | |
|  | *Most lanes* |  | | | | *Least lanes* |
| **A** | Cycle path | | Trunk road | B road | Motorway | |
| **B** | Motorway | | B road | Trunk road | Cycle path | |
| **C** | Trunk road | | Motorway | Trunk road | B road | |
| **D** | Motorway | | Trunk road | B road | Cycle path | |

1. A
2. B
3. C
4. D
5. What type of bridge is shown in the picture below?
6. Arch
7. Truss
8. Beam
9. Cantilever
10. Suspension



1. To prevent costal erosion groynes are installed to stop the sand washing away.

True / False

1. Bored tunnelling can only be used through solid land mass above sea level.

True / False

1. What can be used to power a heating system using wood pellets?
2. Wind farm
3. Biomass boiler
4. Air source heat pump
5. Ground source heat pump
6. Pylons carry 765,000 volts (V). What voltage is this stepped down to in a substation before use in a domestic property?
7. 25V
8. 110V
9. 230V
10. 415V
11. What are the main **two** primary purposes of a dam?
12. Provide water for domestic and commercial use
13. Form lakes for social and domestic pleasure
14. Reduce the need for river dredging
15. Generate hydro-electricity
16. Generate solar power
17. How do gabions assist in erosion prevention?
18. They decrease water velocity
19. They divert run-off into watercourses
20. They hold water in catchment areas
21. They act like a dam and stop the flow of water