

1. How many types of caisson foundation are there?

- a) 2
- b) 4
- c) 3
- d) 1

Ans: c

2. Box caisson is

- a) Open at top and closed at bottom.
- b) Closed at top and open at bottom.
- c) Closed at top and closed at bottom.
- d) Open at top and open at bottom.

Ans: a

3. Box caisson is provided where

- a) Bearing stratum is available at a large depth.
- b) Bearing stratum is available at a shallow depth.
- c) Bearing stratum is available at a medium depth.
- d) None of the above.

Ans: b

4. Open caisson is

- a) Open at top and closed at bottom.
- b) Closed at top and open at bottom.
- c) Closed at top and closed at bottom.
- d) Open at top and open at bottom.

Ans: d

5. Open caisson is used for

- a) Buildings
- b) Bridge foundations.
- c) Both (a) and (b).
- d) Only (a).

Ans: c

6. Pneumatic caissons are used where the soil flow into the excavated area of an open caisson is

- a) Faster than it can be removed.
- b) Slower than it can be removed.
- c) Negligible.

d) Zero.

Ans: a

7. The maximum depth of a pneumatic caisson is usually limited to

a) 10m

b) 20m

c) 80m

d) 40m

Ans: d

8. Pneumatic caissons are

a) Very cheap.

b) Very expensive.

c) A large amount of manual work is required which increases the cost.

d) Both (b) and (c).

Ans: d