1.	Which of the following is a type of shallow footing? a) Spread footing b) Pile foundation c) Pier foundation d) Well foundation
	Ans: a
2.	When two column loads are unequal, which of the possible footing can be provided? a) Strap footing b) Raft footing c) Trapezoidal combined footing d) Mat footing
	Ans: c
3.	The settlement of the plate in load test is measured with the help of a) Sensitive dial gauges b) Test plate c) Measuring unit d) Datum bar
	Ans: a
4.	Pile foundations are generally preferred to for
	a) bridge foundationsb) sky scrapper buildingsc) residential buildingsd) runways
	Ans: b
5.	In-situ vane shear test is used to measure shear strength of
	a) very soft and sensitive claysb) stiff and fissured clays

	c) sandy soils d) All of the above
	Ans: a
6.	The seismic refraction methods cannot be used if the wave velocity in the lower layer is that in the upper layer.
	a) greater thanb) less thanc) more than four timesd) more than thrice
	Ans: b
7.	The height-diameter ratio for the in-situ vane is
	a) 1 b) 1.5 c) 2 d) 3
	Ans: c
8.	Select the incorrect statement:
	For a good quality soil sample,
	a) The area ratio should be low.b) The cutting edge should be thick.c) The inside clearance should be small.
	d) The outside clearance should be small.
	Ans: b
9.	If the actual value of the standard penetration number(N) is greater than 15 for fine sands below water table, the corrected value of N is
	a) 15+ ((N+15)/2)

b) 15-((N+15)/2)

- c) 15+((N-15)/2)
- d) 15+((15-N)/2)

Ans:c

10. The allowable pressure, that should be selected for a maximum settlement

is_____

- a) 40 mm
- b) 25 mm
- c) 30 mm
- d) 10 mm

Ans:b