

(Question - 2 section - 1)

Answers

⇒ Some of the main site selection considerations are given below:—

- 1) High annual average wind speed.
- 2) Availability of anemometry data.
- 3) Availability of wind $v(t)$ curve at the proposed site
- 4) wind structure at the proposed site.
- 5) Altitude of the proposed site.
- 6) Terrain and its aerodynamics.
- 7) local ecology.
- 8) Distance to road or railways
- 9) nearness of site to local centre/users
- 10) nature of ground
- 11) Favourable land cost.