



### EARTHWORKS 7

The accompanying drawing shows ground contours at five-metre intervals. ABC is the centreline of a proposed roadway and DEFG is a proposed parking area. The roadway has the following specifications.

- (i) Formation width as shown.
- (ii) formation level at B is 40m
- (iii) A to B is level. Gradient B to C is 1 in 15 falling.
- (iv) side slopes for cuttings 1 in 1.5
- (v) side slopes for embankments 1 in 2

In the parking area sides DE and FG are level and the side slopes for cuttings and embankments are the same as for the roadway ABC.

On the drawing show the earthworks necessary to accommodate the roadway and parking area.