

6. (a) Calculate the elements of a turnout on B.G track if $N=8.5$, $d=13.3$ cm and angle of switch is $10^{\circ} 8' 0''$. Assume any other data if required.
- (b) Explain with sketch various types of dolphins. 6
- (c) Explain types of breakwaters. 6
7. Write short notes on any **four** of the following :— 20
- (a) Wooden sleepers.
 - (b) Types of repair docks.
 - (c) Interlocking of signal and points.
 - (d) Three controls of aircraft.
 - (e) Types of apron.
 - (f) Artificial Harbour.

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