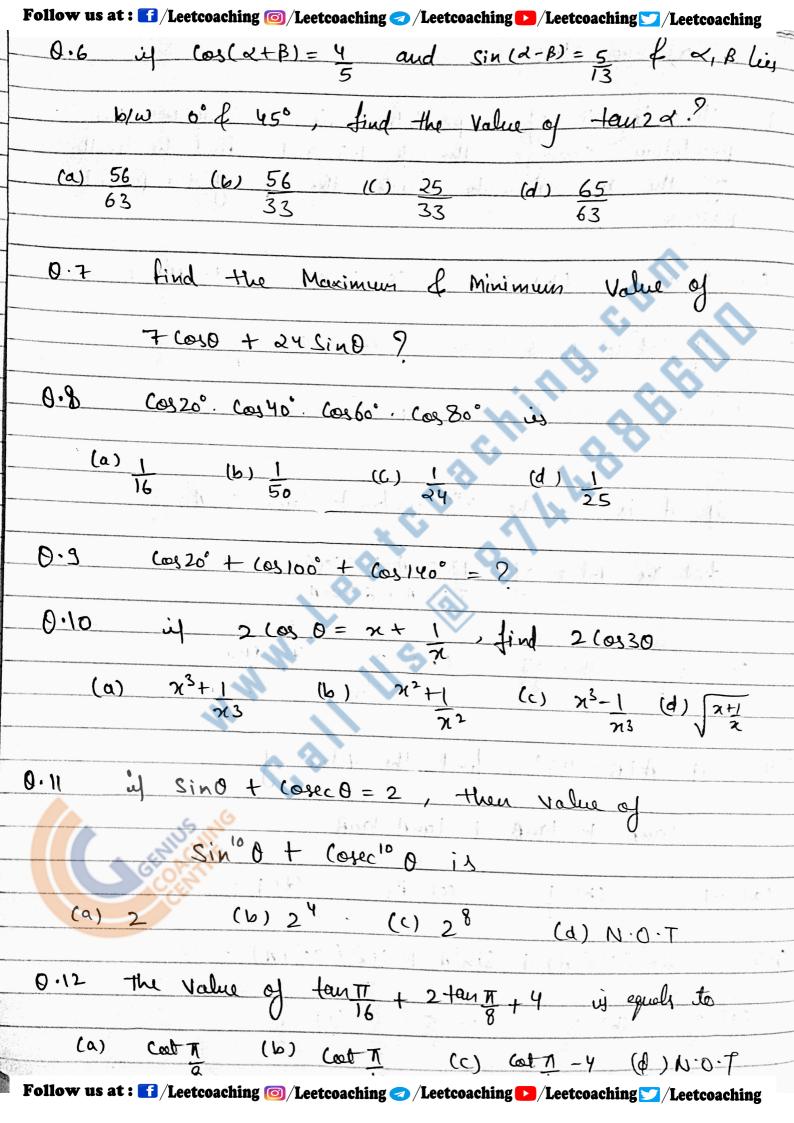
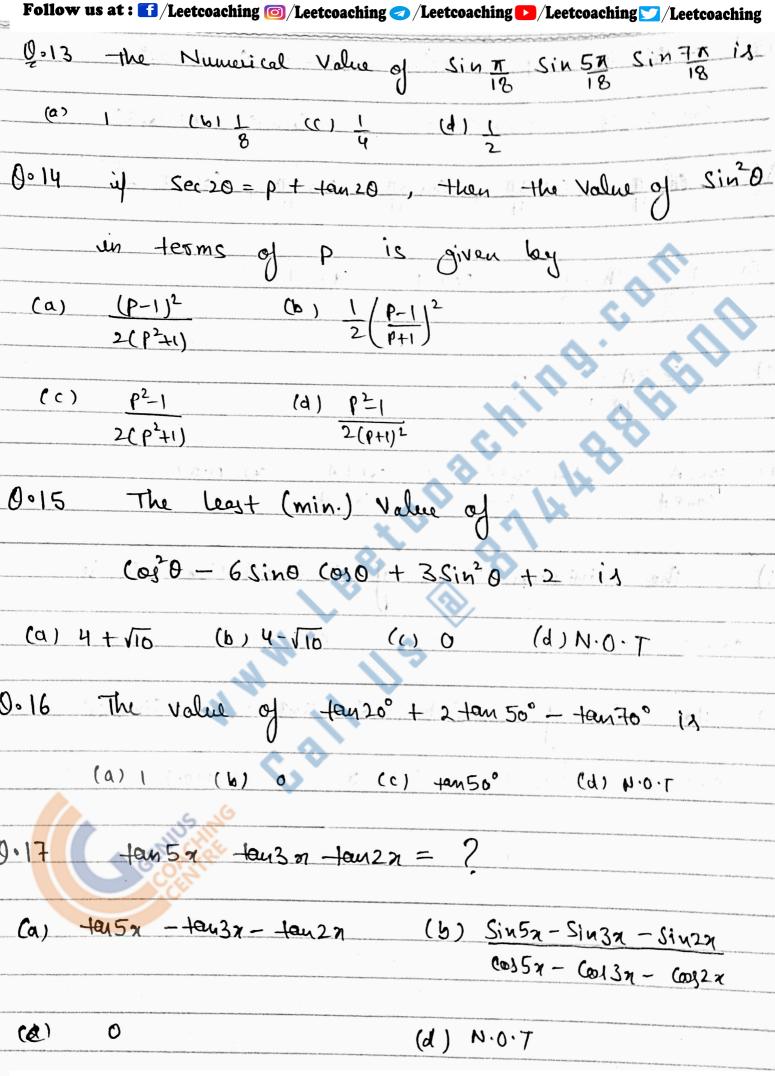
DPP-2

3

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|---|
| Trigonometry |
| 001 The length of a pendulum is 8m while the pendulum swings through 1.5 rad, find the length of the pendulum of the arc through which the tip of the pendulum passes |
| (a) 8m (b) 9m (c) 12m (d) N·O·T |
| 0.2 4 Cot 30° + 3 Sin 260° - 2 losec 260° - 3 tou 30° |
| (a) 10 (b) 11 (c) 4 (d) N·O·T |
| 03 if A is in the 4th quadrant and cosA = 5, |
| Find the Value of 13 Sin A + 5 Sec A 5 tan A + 6 Coxe A |
| (1) (1) (7) |
| (a) - 2 $(b) - 3$ $(E) 2$ $(d) N.0.7$ 37 |
| 0.4 if A+B= 45°, find the Value of tanA + tanB + tanA +anB |
| (a) -1 (b) $\frac{1}{2}$ (c) $\sqrt{3}$ (d) 1 |
| 0.5 Sin2 (120°-A) + Sin2A + Sin2 (120°+A) = 7 |
| $(a) 2 (b) 3 (c) 5 (d) \sqrt{3}$ $3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2$ |





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