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MM 80

Full Syllabus Paper/Mock Test

Time 3h

Answers

Answers by Dev Anoop (Bathinda) Email – devanoop@devanoop.com

1. HCF = 8, LCM = 3200
2. $\tan 5^\circ + \sin 15^\circ$
3. Central angle = 48°
4. 0.32
5. 29
6. $2^3 \times 5$
8. - 0.5
9. 51
10. 55°
11. $\frac{3}{49}, \frac{10}{49}, \frac{1}{49}$
12. First option 1:1
Second option $k = 2$
14. 10
15. $\sqrt{3}$
17. 1, 2
19. $12n^2 - 107n$
23. First option 1620.5m^2
Second option 413cm^2
24. $\sqrt{10}$ units
25. 6 square units
26. First option 7964.44m
Second option (i) 12cm (ii) $312\pi\text{cm}^3$ (iii) $129\pi\text{cm}^2$
27. 60m, $40\sqrt{3}\text{m}$
28. $f_1 = 18, f_2 = 29$
29. 5cm
30. 1:1

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