

Important Problems and Public questions  
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Ch-1 +2 Maths

Eg 1.8, 1.9, 1.11, 1.12  
 1.22, 1.25, 1.27, 1.29  
 1.32, 1.34, 1.38, 1.39  
 1.40

Ex 1.1 - 3, 6, 9  
 1.2 - 1 (iii) (iv) (v)  
 2 (ii)  
 1.3 - 1 (i) (ii)  
 1.4 - 1 (i) (ii) (iv)  
 1.5 - 2, 5  
 1.6 - 1 (iii) (iv) 2, 3  
 1.7 - 2, 3

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Eg ch-2  
 2.2, 2.4, 2.7, 2.8  
 Property of Triangle inequality; 2.11, 2.13  
 2.14, 2.15, 2.17, 2.24  
 2.27, 2.31, 2.32, 2.38  
 2.34, 2.35, 2.36

Ex 2.2 - 3  
 2.3 - 2 (i)  
 2.4 - 7 (i) (ii)  
 2.5 - 3, 6, 7, 10  
 2.6 - 1, 2, 3  
 2.7 - 3, 4, 5, 6  
 2.8 - 4, 5, 8

Eg ch-3  
 3.7, 3.10, 3.14, 3.15, 3.16  
 3.18, 3.19, 3.23, 3.24  
 3.28, 3.30

Ex 3.1 - 1, 5, 6, 8, 9, 10, 7  
 3.3 - 5  
 3.4 - 1, 2  
 3.5 - 5, 7

Ch-4 S. Parkar xi-8  
 Eg Graph the inverse cosine function and its property Graph of the inverse tangent, Tangent fn and its inverse Tangent fn, Eg 4.8  
 4.10, 4.22  
 4.23, 4.28  
 4.29

Ex 4.1 - 4, 5, 7  
 4.2 - 7, 8  
 4.4 - 2  
 4.5 - 5, 9, 10

ch-5  
 Eg 5.10, 5.12  
 5.16, 5.22  
 5.26, 5.31, 5.32  
 5.33, 5.34, 5.35  
 5.36, 5.37, 5.38  
 5.39, 5.40  
 5.41

Ex 5.1 - 6, 7, 11  
 5.2 - 1 (i), 5, 8  
 5.4 - 7  
 5.5 - 1, 2, 3  
 4, 5, 6, 7, 8, 9, 10

ch-6  
 Eg 6.3, 6.4  
 6.5, 6.6, 6.7,  
 6.11, 6.19, 6.22  
 6.23, 6.27, 6.28  
 6.30, 6.33, 6.34

Ex 6.1 - 9, 10, 11, 12  
 6.2 - 6  
 6.3 - 4, 8  
 6.4 - 3

Eg 6.35, 6.43,  
 6.44, 6.46,  
 6.49, 6.55

ch-7  
 Eg 7.5, 7.7  
 7.9, 7.11, 7.12  
 7.13, 7.14, 7.15  
 7.16, 7.17, 7.18  
 7.20, 7.24, 7.28  
 7.29, 7.30, 7.31  
 7.35, 7.39, 7.40  
 7.42, 7.47  
 7.60, 7.61, 7.63  
 7.64, 7.65, 7.70  
 7.71, 7.72

ch-8  
 Eg 8.6, 8.7  
 8.22, 8.13

Ex 6.5 - 4, 7  
 6.6 - 1  
 6.7 - 2, 4, 5, 6, 7  
 6.8 - 1, 2, 4  
 6.9 - 8

Ex 7.1 - 1, 2, 3, 5, 6, 8, 9, 10  
 7.2 - 2, 3, 5, 10  
 7.3 - 1, 5, 6, 7, 9, 10  
 7.4 - 3  
 7.5 - 2, 5, 8, 10, 11, 12  
 7.6 - 1  
 7.7 - 1 (iii) 2 (ii), 3  
 7.8 - 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 7.9 - 2

Ex 8.1 - 2, 7  
 8.2 - 2, 7, 10  
 8.4 - 3, 4, 6, 9  
 8.7 - 4, 5, 6, 8, 9

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Ch-9

Eg

9.4, 9.8, 9.9, 9.12  
9.13, 9.14, 9.15, 9.16  
9.25, 9.26, 9.27.  
9.28, 9.29, 9.30.

9.35, 9.43, 9.44  
9.45, 9.47, 9.48  
9.49, 9.50, 9.51  
9.52, 9.53, 9.54, 9.55  
9.56, 9.57 - 9.58  
9.59, 9.60, 9.61

Ch-10

Eg

10.5, 10.11, 10.21  
10.22, 10.27, 10.28  
10.29, 10.30

Eg

9.2 - 1  
9.3 - i, (ii), (iii)  
2 - (vi) (x)  
9.4 - 1, 3

9.7 - 1, 2  
9.8 - 1, 2, 3, 4, 5,  
6, 7, 8, 9, 10.

Ex

10.2 - 2  
10.4 - 1  
10.5 - 1, 4 (i)  
(ii) (iv) (v) (viii)  
10.6 - 1, 7, 8  
10.7 - 3, 9, 11, 15  
10.8 - 1, 2, 3, 4, 5, 6  
7, 8, 9, 10.

Ch-11

Eg

11.5, 11.6, 11.8  
11.11, 11.14, 11.15  
11.16, 11.21, 11.22

Ex

11.1 - 1  
11.2 - 1, 5, 6, 7  
11.3 - 1, 3, 4, 6  
11.4 - 4  
11.5 - 6, 8

Ch-12

Eg

12.6, 12.7  
12.8, 12.9  
12.10, 12.17  
12.18, 12.19

All  
Property

Ex

12.1 - 1, 3  
5, 8, 9, 10.  
12.2 - 7 + (iii)  
8, 10, 14, 15

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