

**UNIT - 1: Quadratic Equations**

**Class Work:** Exercise:1.1,Q:1(iii),Q:2(ii), Q:3(v,ix),Exercise:1.2,Q:1(iii)  
Exercise:1.3,Q:10,12, Exercise:1.4, Q:1,9

**Home Work:** Exercise:1.1,Q:1(i,iv),Q:2(iv,v),  
Q:3(i,v),Exercise:1.2,Q:1(i,vii,viii),Exercise:1.3,Q:2,7,9,10,14,  
Exercise:1.4,Q:3,8,Miscellaneous Exercise:1, Q:1,Q:2

**UNIT - 2: Theory of Quadratic Equations**

**Class Work:** Exercise:2.1, Q:1(ii),Q:2(i),Q:3 Exercise:2.2,Q:1-4,  
Exercise:2.3,Q:1(i),Q:2(ii),Q:5(ii), Exercise:2.5, Q:1(f), Q:2(b),  
Q:3(b),Exercise:2.6,Q:1,2,5, Exercise:2.8,Q:4,10

**Home Work:** Exercise:2.1, Q:1(iv),Q:2(iv),Q:4(iii),Q:10,  
Exercise:2.2,Q:2(ii,viii),Exercise:2.3,Q:1(v,vi),Q:2(ii), Q:6(i),Exercise:2.5, Q:1(g,h),  
Q:2(d,e), Exercise:2.7,Q:2,5,10,13,Exercise:2.8,Q:1,5,9,Miscellaneous  
Exercise:2,Q:1,Q:2(i-vii)

**UNIT - 3: Variations**

**Class Work:** Exercise:3.1, Q:4,9, Q:11(iv), Exercise:3.2, Q:1(iii), Q:8,11,  
Exercise:3.3, Q:1(i),  
Q:2(iv,vi),Q:3(i),Q:4(iii):Exercise:3.4,Q:1(i),Q:2(iv,vii),Exercise:3.5,Q:1,Exercise:3.6,  
Q:1(iii),Q:2(ii),Exercise:3.7,Q:2,9

**Home Work:** Exercise:3.1, Q:1(iv,v), Q:5,7, Q:11(v), Exercise:3.2, Q:2(ii), Q:5,10,13,  
Exercise:3.3, Q:1(iv,vi), Q:2(ii,iv,v,vi),Q:3(iv),Q:4(ii):Exercise:3.4,Q:1(v,viii),Q:2(ii,  
v),Exercise:3.5,Q: 3,5, Exercise:3.6,Q:1(ii,vi),Exercise:3.7,Q:3,9, Miscellaneous  
Exercise:3,Q:1,Q:2

**UNIT - 4: Partial Fractions**

**Class Work:** Exercise:4.1,Q:8, Exercise:4.2,Q:2,Exercise:4.3, Q:8,

**Home Work:** Exercise:4.1,Q:2,4,7, Exercise:4.2,Q:1,6,8, Exercise:4.3, Q:1,6,  
Exercise:4.4, Q: 3,6, Miscellaneous Exercise:4, Q:1,Q:2(i-v)

**UNIT - 5: Sets and Functions**

**Class Work:** Exercise:5.1,Q:1(i),Q:3(i,vi),Q:4(i),Q:6(i), Exercise:5.2, Q:1(v), Q:2(iv),  
Exercise:5.3, Q:1(i), Q:2(iii), Q:4(iii), Exercise:5.4, Q:3(iii), Exercise:5.5, Q:3(i),  
Q:5(ii)

**Home Work:** Exercise:5.1,Q:1(ii,iii,iv),Q:3(ii,iii,iv,v),Q:4(iii),Q:6(ii), Exercise:5.2,  
Q:1(vi-viii),Q:3, Q:4(ii), Exercise:5.3, Q:1(iii,v), Q:2(ii), Q:4(v), Exercise:5.4, Q:5(ii),  
Exercise:5.5, Q:3(ii,iii), Q:5(iii), Miscellaneous Exercise:5, Q:1,Q:2

**UNIT - 6: Basic Statistics**

**Class Work:** Exercise:6.1,Q:1, Exercise:6.2, Q:3,7, Exercise:6.3, Q:5(ii)

**Home Work:** Exercise:6.1,Q:3, Exercise:6.2, Q:11,12, Exercise:6.3, Q:4, Q:7,

Miscellaneous Exercise:6,Q:1,Q:2

### **UNIT - 7: Introduction to Trigonometry**

**Class Work:** Exercise#:7.1, Q:1(vii),Q:2(ii), Q:3(v), Q:4(viii), Q:5(iii), Exercise:7.2, Q:1(ii),,Exercise:7.3,Q:1(ii),Q:2(i),Q:3(iv),Q:4(vi),Q:9, Q:12(viii) Exercise:7.4, Q:7,20, Exercise:7.5:Q: 1,9,

**Home Work:** Exercise#:7.1, Q:1(ii,iii), Q:3(ii ,vi), Q:4(ii,iii,v),Q:5(vii,viii), Exercise:7.2,Q:3(i), Q:5,6,Exercise:7.3,Q:1(iii),Q:2(ii),Q:3(iii),Q:4(ii),Q:8, Q:12(i,v,xi) Exercise:7.4, Q: 10,11,16,24, Exercise:7.5,Q:3,4,8, Miscellaneous Exercise:7,Q:1,Q:2

### **UNIT - 8: Projection of a Side of a Triangle**

**Class Work:** Theorem:2, Miscellaneous Exercise:8,Q:3,5,8 (Exercises are excluded)

**Home Work:** Theorem:2, Miscellaneous Exercise:8,Q:3,5,8 (Exercises are excluded)

### **UNIT - 9: Chords of a Circle**

**Class Work:** Theorem:2,4, (Exercises are excluded)

**Home Work:** Theorem:2,4, Miscellaneous Exercise:9,Q:1(v-xiv), (Exercises are excluded)

### **UNIT - 10: Tangent to a Circle**

**Class Work:** Theorem:1,3, (Exercises are excluded)

**Home Work:** Theorem:1,3, Miscellaneous Exercise:10,Q:1(v-xi), (Exercises are excluded)

### **UNIT - 11: Chords and Arcs:**

**Class Work:** Theorem:1,4, (Exercise is excluded)

**Home Work:** Theorem:1,4, Miscellaneous Exercise:11,Q:1, (Exercise is excluded)

### **UNIT - 12: Angle in a Segment of a Circle**

**Class Work:** Theorem:1,2 (Exercise is excluded)

**Home Work:** Theorem:1,2 (Exercise is excluded)

### **UNIT - 13: Practical Geometry-Circles**

**Class Work:** Exercise: 13.1,Q:1,Q:4, Exercise 13.2: Q:4,Q:5,Exercise:13.3,Q:6,9,11

**Home Work:** Exercise: 13.1,Q:1,Q:4, Exercise 13.2: Q:4,Q:5,Exercise:13.3,Q: 6,9,11, Miscellaneous Exercise:13,Q:1