

10th CLASS (SLOs) STUDENTS LEARNING OUTCOMES EXAMINATION.
FEDERAL BOARD SSC- II EXAMINATION.

MATHEMATICS

UNIT NO: 1: QUADRATIC EQUATIONS.

- Ex. 1.1 – Q.1 (iv,vii,vi), Q.1 (I,iv,v,vi) Q.3 (i,ii,iv,vi,vii,viii,ix,x)
Ex. 1.2 – Q. 1 (ii,iv,vii,viii,ix, x)
Ex. 1.3- Q.2, Q.4, Q.5, Q.7,Q.9,Q.10,Q.11,Q.13,Q.14,Q.15, Q.16
Ex. 1.4- Q. 3, Q.4, Q.7,Q.8, Q.10, Q.11

UNIT NO. 2: THEORY OF QUADRATIC EQUATIONS

- Ex. 2.1 - Q. 1,(i,iii) Q.2, (ii,iv, vii,viii), Q.3, Q.4 (ii, iii), Q.5, Q.7, Q. 8 (ii) Q.9, Q.10
Ex. 2.2- Q.1,Q.2 (ii,iv, vii, viii) , Q.3, Q.4, Q.5
Ex. 2.3- Q. 1 (i,ii,iv) , Q. 2-(i, ii).Q.3 (ii)- Q.4 (ii), Q.5 (ii,iii) , Q. 6 (i)
Ex. 2.4- Q.1 (ii, iii), Q.2 (iii, iv)
Ex. 2.5- Q.1(c,g,h) , Q2 (a,b,c,d e) , Q.3 (a)
Ex. 2.6- Q.1 (ii,iii), Q.2 (ii), Q.3 (i,ii), Q.4 (i,iii), Q.5-(i,ii)
Ex. 2.7- Q.1,,Q.3, Q.4, Q.5, Q.6,Q.9,Q.10,Q.13
Ex. 2.8- Q. 2, Q.3, Q. 4, Q.5, Q.6, Q.7, Q.8, Q. 10

UNIT NO. 3: VARIATIONS.

- Ex. 3.1- Q.1 (iii ,iv), Q.2 (I,ii), Q.3 Q.4,Q.6, Q. 9,Q.10, Q.11(iii, iv)
Ex. 3.2- Q.1 (I,iii), Q.3,Q.6,Q.7,Q.8,Q.9,Q.12,Q.13
Ex. 3.3- Q.1(iii,iv,vi), Q.2 (ii,iv,v,vi), Q.3 (iii, iv) , Q.4 (ii,iii,iv)
Ex. 3.4- Q.1 (iii,vii, viii)-Q.2-(iii,v,vi,vii,viii,ix)
Ex. 3.5- Q.2,Q.3,Q.5,Q.6
Ex. 3.6- Q.1 (ii,iii,iv,vi,viii), Q.2 (i,ii)
Ex. 3.7- Q.1,Q.2,Q.3, Q.5,Q.7,Q.8,Q.9

UNIT NO. 4: PARTIAL FRACTIONS.

- Ex. 4.1- Q. 2, Q.3, Q.4, Q.5, Q.7, Q.8
Ex. 4.2- Q.1, Q.2, Q.4,Q.7, Q8
Ex. 4.3- Q.1,Q.4, Q.6,Q.7,Q.8
Ex. 4.4- Q.1,Q.2, Q.3,Q.4,Q.6

UNIT NO. 5: SETS AND FUNCTIONS.

- Ex. 5.1 - Q. 2,(i,ii,iv), Q.3 (i,ii,iv,v), Q.4 (i,ii,iii,iv) Q. 5, Q.6
Ex. 5.2- Q. 1 (ii, iii), Q.2, Q.3, Q.4
Ex. 5.3 – Q.1 (I,v,vi), Q.3, Q.4 (I,iii,iv,v)
Ex. 5.4 – Q.2, Q.3 (ii,iii) Q.4,Q.5 (ii,iii)
Ex. 5.5- Q.1,Q.2,Q.4,Q.5,Q.6

UNIT NO. 6: BASIC STATISTICS

- Ex. 6.1: Q.1,Q.2,Q.4,Q.5
Ex. 6.2: Q.3,Q.5,Q.6,Q.7,Q.9,Q.10, Q.11,Q.12,Q.3,Q.14
Ex. 6.3: Q.4,Q.5,Q.6,Q.7

UNIT NO. 7: INRODUCTION TO TRIGONOMETRY.

- Ex. 7.1: Q.1(ii,iii,vi,viii) Q.2 (i,ii,iii) Q.3 (i,ii,iii,v), Q.4 (i,ii,iii,iv),Q.5 (i,ii,iv,v,vii)
Ex. 7.2: Q.1 (I,ii), Q.2 (ii), Q.3 (i), Q.5,Q.9,Q.9, Q.10,Q.12,Q.13
Ex. 7.3: Q.1(ii,iv) Q.2 (ii,iv), Q.3 (ii,iii), Q.7,Q.8,Q.9,Q.10,Q.12 (ii,iii,v,vii,ix,xi)
Ex. 7.4: Q.8,Q.9,Q.11,Q.12,Q.13,Q.16,Q.17,Q.18,Q.20,Q.21,Q.23,Q.24
Ex. 7.5: Q.2, Q.3, Q.5, Q.6, Q.7, Q.8, Q.9, Q.10

UNIT NO.8: PROJECTION OF A SIDE OF A TRIANGLE.

Ex. 8.1 - Q.1, Q.3

Ex. 8.2- Q.2, Q.3

Theorems – Theorem 1 ; Theorem- 2

UNIT NO.9: CHORDS OF A CIRCLE

Ex. 9. Chords of a circle.

Ex. 9.1 Q.3, Q.4

Ex. 9.2- Q.2, Q.3

Theorems - Theorem 1, Theorem 2, Theorem- 4

UNIT NO. 11: CHORDS AND ARCS

Ex. 11.1 Q.1 ; Q.2 .Q. 3 , Q. 4

Theorem 1; Theorem 3 ; Theorem - 4

UNIT NO. 13: PRACTICAL GEOMETRY- CIRCLE.

Ex.13. 1 Q. 1,Q.2, Q.3(ii), Q.5, Q.6

Ex.13.2. Q.1,Q.2, Q.3, Q.6,Q.7

Ex.13.3 Q.1,Q.2,Q.3,Q.5,Q.6,Q.9