

1st Year Math

Taleem City Guess Paper

For Past Paper MCQs of 1st Year Math visit our website taleemcity.com

پنجاب کے تمام بورڈز (لاہور، راولپنڈی، فیصل آباد، سرگودھا، گجراتوالا، ساہیوال، ملتان، بہاولپور، اور ڈیرہ غازی خان) کے لئے۔

Chapter#1	Short Questions	Long Questions
Exercise#1.1	Q#1,4,5,6 Example#2,4,5	
Exercise#1.2	Q#4(iv),8,9,11,12,13,14,15,16	
Exercise#1.3	Q#2,4,5,6,7(i,ii,vi,vii) Example# 1,4	
Chapter#2	Short Questions	Long Questions
Exercise#2.1	Q#4,5,6,9	Q#1
Exercise#2.2	Q#4	
Exercise#2.3	Q#1,2,3,7	Proof of De 'Morgan law, Distributive law
Exercise#2.4	Q#1,3,4	Q#5
Exercise#2.5		Q#1,4
Exercise#2.6	Q#1,4, Example#2,4,6	
Exercise#2.7	Q#4, Example#5,6	
Exercise#2.8	Q#1(ii,iv,v), Q#3, Theorem#2.15	Q#4,5,6,7,8,10, Example#14,15
Chapter#3	Short Questions	Long Questions
Exercise#3.1	Q#2,3,5,8,9,10,12(ii)	Q#11,14
Exercise#3.2	Q#2,3,6,8	Q#9
Exercise#3.3	Q#1,2,3,(I,ii,iv,v,vi,vii),4 5(i,ii,iii,iv,viii,ix),6,11(i),12(i,ii),16,17	Q#1(vi),Q#3(iii,viii,ix,x,xi), 8 ,11(i),13,14(i)
Exercise#3.4	Q#1,2,4,6,7,8	Q#9 (inverse by adjoint method)
Exercise#3.5		Q#1,2,3(iii), Example:3
Chapter#4	Short Questions	Long Questions
Exercise#4.1	Q#2,5,9,12,15,17	Q#8,19
Exercise#4.2	Q#1,5	Q#3,7,10,17
Exercise#4.3		Q#2,4,5
Exercise#4.4	Q#2(i,ii,iii,iv,v),3(i,iii),6,8,Proof 4.3.1	Q#3(ii),4,5
Exercise#4.5	Q#7,10,11,12	Q#15,16
Exercise#4.6	Q#1(i,ii,iv),2,7(i,ii,iii,iv)	Q#6,8
Exercise#4.7	Q#1,2,3,4(i)	Q#5,7

Exercise#4.8		Q#6
Exercise#4.9		Q#10
Exercise#4.10	Q#2,4,5,6	
Chapter#5	Short Questions	Long Questions
Exercise#5.1	Q#5	
Exercise#5.2	Q#4,6	
Exercise#5.3	Q#1,3	
Exercise#5.4		
Chapter#6	Short Questions	Long Questions
Exercise#6.1	Q#1(ii,vii,viii,ix,x),Q#2(iii,iv),Q#3(i,ii,iii)	
Exercise#6.2	Q#2,4,6,8,9,12,13	
Exercise#6.3	Q#1,3,4,6	Q#7
Exercise#6.4	Q#2(i,ii),3,4,6	Q#2(vi,vii),11,14,15(iii)
Exercise#6.5		
Exercise#6.6	Q#1,2,3,8,9,12	Q#9,14
Exercise#6.7	Q#1,2,3,4	Q#6
Exercise#6.8	Q#4,5,6	Q#8,9,12,14
Exercise#6.9		
Exercise#6.10	Q#1,2,7,8,12,13,14,15	Q#9,12,16,17
Chapter#7	Short Questions	Long Questions
Exercise#7.1	Q#2(i,ii,vii,viii,ix,x)	
Exercise#7.2	Q#1,2,3,4,6,7	Q#12,13
Exercise#7.3	Q#1,3,4,11,12,	
Exercise#7.4	Q#1,2,4	Example#3
Exercise#7.5	Q#3,5,10	
Exercise#7.6		
Exercise#7.7	Q#2,3	Q#5,6
Exercise#7.8	Q#3	Q#4,8,9
Chapter#8	Short Questions	Long Questions
Exercise#8.1	Q#1,2,3,4,7,20	Q#13,14
Exercise#8.2	Q#1,2,3,6,9	Q#9,10
Exercise#8.3	Q#1,2,4,5,6	Q#7,9,11,12,13
Chapter#9	Short Questions	Long Questions

Exercise#9.1	Q#1(x,xi,xii,xiii,xiv,xvi),2(i,xi,xii,xiii,xiv,xv) 3,4,5,6,7,8,11	Q#
Exercise#9.2	Q#3,4,5	Q#5,6,8
Exercise#9.3	Q#1,2,4,5,6	Q#5(viii,ix)
Exercise#9.4	Q#2,4,5,6,7,8,10,11,12,13,14,15	Q#9,20,21Example: 1,2,3,4
Chapter#10	Short Questions	Long Questions
Exercise#10.1	Q#1,2,3(i,iii,iv),5,Example#2	Q#4
Exercise#10.2	Q#1,2,3,4,5	Q#10,11 Example#7
Exercise#10.3	Q#1,2,6,7,8	Q#9,11,13Example#1
Exercise#10.4	Q#1,2,3,4(ii)	Q#4(i,iii) Example#2,3,5
Chapter#11	Short Questions	Long Questions
Exercise#11.1	Complete (ALP)	
Exercise#11.2		
Chapter#12	Short Questions	Long Questions
Exercise#12.1	Q#1,2	
Exercise#12.2	Q#2,3,4,5	
Exercise#12.3	Q#1,3,5,6	
Exercise#12.4	Q#1,3,5	
Exercise#12.5	Q#1,3,4	Q#5,7
Exercise#12.6	Q#1,6,7,10	Q#8(v.i)
Exercise#12.7	Q#1(i),2(ii),3(i),4	Q#5
Exercise#12.8	Q#1(i),5,(ii,iv),Q#9(i,ii),12	Q#3,(iii),5(i,iii),Q#7 Example#1,3 Proof(pg#379)
Chapter#13	Short Questions	Long Questions
Exercise#13.1	Q#1,2(i,iii),Q#3	Q#2(ii)
Exercise#13.2	Q#2,14,17,18,19,20	Q#1,2,3,4,6,11,12(V.I)
Chapter#14	Short Questions	Long Questions
Exercise#14	Q#1,2,5,6,14 Example#1,2,3,4,5	

Most Important Definations

1. Rational & irrational numbers
2. Two properties of inequalities
3. Reflexive & Symmetric property of equality
4. Trichotomy property of real numbers
5. Set & Power set
6. Proper & improper subset
7. Tautology
8. Function
9. Into function & onto function
10. Binary operations
11. Finite & infinite group
12. Group & semi group
13. Square & scalar matrix
14. Diagonal & transpose matrix
15. Adjoint of a matrix
16. Co-factor of an element
17. Two properties of determinant
18. Hermitian matrix
19. Upper & lower triangular matrix
20. Symmetric & skew symmetric matrix
21. Remainder & factor theorem
22. Proper & improper fraction
23. Identity
24. Partial & rational fraction
25. Arithmetic, geometric & harmonic progression
26. Circular permutation
27. Combination & probability
28. Mutually exclusive events
29. Sample space & event
30. Principle of mathematical induction
31. Binomial theorem
32. Period of a trigonometric function
33. Angle of elevation & depression
34. State law of sines, cosines & tangents
35. Formulas of area of triangle
(Case I, II & III)
36. Circum circle & in-circle

Trigonometric equation