

10th Mathematics (Science Group) Definitions Guess 2022 For All Punjab Boards

1	All types of Variation	15	Ratio
2	Subset	16	Variation
3	Circle Hypotenuse	17	All types of set functions
4	Circle sector	18	Standard deviation
5	All types of Circle	19	Ordered pairs
6	All types of Equations	20	Perimeter
7	Circle circumference	21	Set complement
8	All types of points	22	Radian
9	Circle arc	23	Shadow of angle
10	Circle diameter	24	Geometry
11	All types of fractions	25	Methods to solve quadratic equations
12	Range	26	Circle
13	Mean	27	Line segment
14	Mode	28	Angle of elevation

(1) تغیر راست (2) تختی سیٹ (3) دائرے کا مرکز
(4) دائرے کا سیکڑ (5) محاصرہ زاویہ (6) محور دائرہ
(7) جیومیٹری (8) ہمزاد مساوات (9) رداسی قطعہ
(8) تغیر معکوس (11) شنائی ربط (12) مماثلت
(13) قوت نمائی مساوات (14) سمت (15) احاطہ
(16) نقطہ کا سایہ (17) دائرے کا محیط (18) ہم خط نقاط
(19) غیر ہم خط نقاط (20) سائیکل جو کوڑ (21) تفاعل
(22) جاتی دائرہ (23) محاصرہ دائرہ (24) صفیری پیمائش
(25) دائرے کا قطر (26) دائرے کی قوس (27) زاویہ السعود
(28) مرتب جوڑا (29) جذری مساوات (30) دو درجی مساوات
(31) معکوس مساوات (32) نسبت (33) لغیر (34) ناطق کسر
(35) غیر واجب کسر (36) واجب کسر (37) دو درجی مساوات
(38) سیٹ کا مکمل منہ (39) رینج (40) حسابی اوسط
(41) مہاری اطراف (42) دائرہ (43) عادیہ (44) قاطع خط
(45) سیٹ کے تمام فنکشنز (46) زاویہ کی پیمائش

10th Mathematics (Science Group) Guess 2022 (All Punjab Boards)

Short Questions Ex 1.1 - Q1 (ii,iv,v,iv) - Q2 (vi) - Q3 (i,iv,vii) Ex 1.2 Q1 (i,vi,x) Ex 1.3 Q1, Q9, Q10 Ex 2.1 Q6 Example no. 2 (a) Page 22 Ex 2.2 Q2 (vi) Page 32 - Q2 (vii, viii, i) Example 5 - Q3 Ex 2.3 Q1 (i, ii) Ex 2.4 Q1 (i,ii) Ex 2.5 Q1 (c, a) Page 42 example 5 Ex 2.6 Q1 (i,ii,iii) Ex 2.8 Q 1	Ex 3.2 Q4 Ex 3.4 Q1 (ii) Ex 3.6 Q1 (ii,iii) Ex4.1 Q3 and Q8 Ex 4.2 Q6 Ex5.2 Q1 (i,ii,iii) Ex 5.4 Q2 Page 139 example 2 Ex 6.2 Q3 (i,ii) Ex 7.1 (iii,iv,v,viii) Ex 6.3 Q4 and Q5 (i) Ex 7.4 Q24 and Q14 Ex 7.5 Q2
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Guess Maths (Sci) 10th 1: Exp2 pg4 1.1 1q(ii,vi) 2q(i, ii, vi) 3q(vi,vii,x) Exp2 pg7 1.2 1q(i, iv,v), q10 1.3 q2,5,8,9,10,13
 1.4 q2,5,7,9,10,11
 2: Exp3 pg21 2.1 q1(ii,iv),2(i,iv),3,4(ii),5,7, pg23 (imp)
 2.2 q1(ii,vii), 2(iv,vi,viii),5,pg26(imp) 2.3 q1(ii,iii)
 2(ii),3(ii), 4(i), 5(iii), 6(ii) 2.4 q1(iii), 2(iii) 3(i), pg32 exp2
 2.5 q1, 3(b), 2.6 1(iii), 2(iii), 3(i), 4(iii), 5(ii) 2.7
 q2,4,6,8,11,13 pg44 exp2 2.8 q1,3,4,6,9 3: 3.1
 q1(iii,iv),3,6,8,10(iii),11(ii,iv,v) 3.2 q2,8,9,10,12 3.3 q2,4
 3.4 q1(iii, v, vii), 2(iv, viii, ix) ex3.5 q3, 6 ex3.6 1(i, vi),
 2(i,ii), 3.7 q4,7,8,9 4: 4.1 q1,3,8 4.2 q4,6,7,10 4.3
 q1,4,7,8 4.4 q3,4,5 5: 5.1 q4, 5,6 5.2 q3 5.4 q3,4 5.5
 q1,4,5 5.6 q1, 5 6: 6.1 q5 6.2 full 6.3 q4,5(ii),6 7: 7.1
 q3(vi,iii), q5(iv,vi) 7.2 q2,5,6,12 7.3 q3,4,6,8,10,11,12
 7.4 q9,11,20,24 7.5 q2,5,8,10 ch9: full 10: 10.1 q2,
 10.2 q2,3, 10.3 q1, ch12: full ch13: 13.1 q1,5,6 13.2
 q2,3,6,8 13.3 q6,7,8,9.

10th General Mathematics (Arts Group) Guess 2022 (All Punjab Boards)

Exercise 1.1 5, 8, 12, 22, 24, 27, 32 Exercise 1.2 4, 8, 11, 13, 14, 15, 16, 18, 20, 22, 22 Exercise 1.3 6, 7, 8, 9 Exercise 2.1 12, 16 Exercise 2.2 6, 10, 12 Exercise 2.3 9, 10, 19, 20 Exercise 2.4 8, 11, 16, 19, 20, 21 Exercise 2.5 3, 8, 11, 12 Exercise 3.1 10, 14 Exercise 3.2 2, 8, 10 Exercise 3.3 7, 13, 15 Exercise 3.4 5, 12, 15, 17 Exercise 3.5 3, 5, 8, 12 Exercise 3.6 3, 8, 11, 12	Exercise 4.1 6, 12, 16, 20 Exercise 4.2 5, 10, 15, 16 Exercise 5.1 7, 13, 19, 22, 25 Exercise 5.2 2, 6, 9, 11, 12 Exercise 5.3 2, 3, 4, 6, 7, 8 Exercise 6.3 7, 8, 11, 12 Exercise 6.4 15, 16 Exercise 6.5 4, 5 Exercise 6.6 1, 2 (iv, v, vi), 4 (iv, v, vi) Exercise 8.1 2, 3, 5, 25, 26, 27, 28 Exercise 9.1 6, 8, 9, 10 Exercise 9.2 3, 4, 5, 12, 14, 16, 17, 19 Exercise 9.3 2, 4, 5, 6, 7, 8 Exercise 10.1 4, 7, 10 13
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Matric 10th Maths Pairing Scheme 2022 - Assessment Scheme

MULTIPLE CHOICE QUESTIONS

CHAPTER# 1: 1 MCQs
 CHAPTER# 2: 2 MCQs
 CHAPTER# 3: 1 MCQs
 CHAPTER# 4: 1 MCQs
 CHAPTER# 5: 2 MCQs
 CHAPTER# 6: 1 MCQs
 CHAPTER# 7: 1 MCQs
 CHAPTER# 8: 1 MCQs
 CHAPTER# 9: 1 MCQs
 CHAPTER# 10: 1 MCQs
 CHAPTER# 11: 1 MCQs
 CHAPTER# 12: 1 MCQs
 CHAPTER# 13: 1 MCQs

SHORT QUESTIONS

Question #2: (Attempt Any 6 Questions)

CHAPTER # 1, Short Questions: 2
 CHAPTER # 2, Short Questions: 4
 CHAPTER # 3, Short Questions: 3

Question #3: (Attempt Any 6 Questions)

CHAPTER # 4, Short Questions: 2
 CHAPTER # 5, Short Questions: 4
 CHAPTER # 6, Short Questions: 3

Question #4: (Attempt Any 6 Questions)

CHAPTER # 7, Short Questions: 2
 CHAPTER # 8, Short Questions: 1
 CHAPTER # 9, Short Questions: 1
 CHAPTER # 10, Short Questions: 1
 CHAPTER # 11, Short Questions: 1
 CHAPTER # 12, Short Questions: 1
 CHAPTER # 13, Short Questions: 2

LONG QUESTIONS

Q#5 (a) Chapter 1 ; (b) Chapter 2

Q#6 (a) Chapter 3 ; (b) Chapter 4

Q#7 (a) Chapter 5 ; (b) Chapter 6

Q#8 (a) Chapter 7 ; (b) Chapter 13

Q#9 (a) Chapter 9 (Theorem) ; (b) Chapter 12 (Theorem)

ASSESSMENT SCHEME															
General Mathematics Class 10th - 2014 & onward															
Time: 02:30 Hours Marks: 75															
Ch. No.	Chapter name	Weightage %	Distribution of marks	MCQs Allotted marks = 15 Questions to be asked = 15 Questions to be attempted = 15				Short Answers Questions Allotted marks = 36 Questions to be asked = 27 Questions to be attempted = 18				Essay Type Questions Allotted marks = 24 Questions to be asked = 05 Questions to be attempted = 03			
				K	U	A	Total marks	K	U	A	Total marks	K	U	A	Total marks
1	Algebraic Formulas and Applications	11%	12	1	-	1	2	1	1	1	6	4	-	-	Q.5 = 8
2	Factorization	9%	10	-	1	1	2	1	1	-	4	4	-	-	
3	Algebraic Manipulation	11%	11	1	-	-	1	1	1	1	6	-	-	4	Q.6 = 8
4	Partial Fraction	9%	10	1	-	1	2	1	-	1	4	-	4	-	
5	Sets and Function	9%	10	-	1	1	2	1	1	-	4	-	4	-	Q.7 = 8
6	Basic Statistic	11%	12	1	1	-	2	1	1	1	6	4	-	-	
7	Introduction to Trigonometry	10%	11	1	-	-	1	2	1	-	6	-	-	4	Q.8 = 8
8	Projection of A Side of Triangle	10%	11	-	1	-	1	1	1	1	6	-	4	-	
9	Chords of a Circle	10%	11	1	-	-	1	1	1	1	6	-	-	4	Q.9(a) = 4
10	Tangent to a Circle	10%	11	1	-	-	1	1	1	1	6	4	-	-	Q.9(b) = 4
		100%	109				15				54			40	

Important Note:-
 (i) K= Knowledge, U= Understanding / Comprehensive A= Application & Analysis
 (ii) This scheme of assessment is prepared as per 33% choice in short answer questions and essay type questions.
 (iii) In order to promote the cause of concept based learning at least 10% questions must be unseen or of daily life but relating to specified learning outcomes of curricula and syllabi. This portion will increase @10% annually but not more than 30%.