Govt High School, Kerehalli Sorab Tq, Shivamogga Dt 1 st Summative Assessment Examination		
Class: 9 B	Sub: Mathematics	Marks: 80
I. Answer the following Multiple	e Choice Questions	1x8=8
1. A terminating decimal is		
A) a natural number B) a rati	ional number C) a whole nui	nber D) an integer
2. The coefficient of x^2 in the poly	nomial 2 x ³ + 4 x ² + 3x + 1	
A) 2 B) 3	C) 1	D) 4
3. The measurement of reflex ang	le is	
A) 90° B) between 0° and 90° C) between 90° and 180° D) between 180° and 360°		
4. In an isosceles $\triangle ABC$, if AB=AC	and ∠A=90°, then ∠B is	
A) 45° B) 80°	C) 95°	D) 60°
5. The angle between the diagona	lls of a rhombus is	
A) 45° B) 90°	C) 30°	D) 60°
6. The value of $\sqrt{144}$ is		
A) 14 B) 12	C) 16	D) 44
7. How many straight lines can be	drawn through a point?	
A) One B) Two	C) Infinite	D) Zero
8. The division algorithm for polynomials is		
A) $p(x) = g(x) \times r(x) + q(x)$ B) $q(x) = g(x) \times r(x) - g(x) + q(x)$		g(x) x r(x) - p(x)
C) $p(x) = g(x) x q(x) + r(x)$	D) p(x) =	g(x) x q(x) - r(x)
II. Answer the following Question	ons	1x8=8
9. If $\mathbf{p}(\mathbf{x}) = \mathbf{x}^3 - \mathbf{I}$, then what is the solution of a constant of the second se	value of p(2) ?	
10. What is the degree of a constant function?		
The figure, $\Delta \mathbf{X} = 30^\circ$, then find the 7	he value of ZY .	
$\leftarrow \overset{v}{\not} \overset{x}{\not} \overset{x}{\rightarrow}$		
12. What is the sum of all interior angles of a triangle?		
13. Name the quadrilateral having exactly one pair of parallel sides.		
14. Write the symbol for congruence.		
15. The value of $(\sqrt{8} - \sqrt{5})$ $(\sqrt{8} + \sqrt{5})$	5)	
16. What are parallel lines?		
III. Answer the following Questi	ons	2x8=16
17. Represent $\sqrt{2}$ on the number l	ine.	
18. Rationalise the denominator of $\frac{1}{\sqrt{r_{+1}/2}}$ and simplify.		
19. Write any two Euclid's postula	tes.	

