Variations

Sr	Questions	Answers Choice
1	If Y is directly proportional to x it can be written as:	C. x = y D. y : x
2	Product of extremes = product of _____.	A. Consequents B. Antecedent C. Ratios D. Means
3	The fourth proportional w of x : y::v : w is:	C. xyv
4	If a:b = x:y, then alternando property is:	
5	Variation has	A. Two types B. Three types C. Four types D. Five type
6	In a : b : : b : c, b is called:	A. Meanproportional B. Thirdproportional C. Continuedproportional D. Fourthproportional
7	In a proposition a:b::c:d, a and d are called:	A. Means B. Extremes C. Fourth proportional D. None
8	Question Image	
9	In a proportion a:b:c:d, and d are called:	A. Means B. Extremes C. Third proportional D. None of these
10	Find x in proportion 4:x::5:15	D. 12
11	In a : b : : c : d, d is called:	A. Thirdproportional B. Fourthproportional C. Meanproportional D. Continuedproportional
12	If 12, p and 3 are in continued proportion, then p =	
13	If a : b = c :d, than a - b : b = c - d : d is called theorem of :	A. Componendo B. Dividendo C. (a) & (b) D. Invertendo
14	Question Image	
15	If y = kx, x = 7 and y = 6, then k =	A. 42 C. 13
16	A ratio has:	A. No units B. Oneunit C. Twounits D. Threeunits
17	If a : b = c : d, then b : a = d : c is called theorem of:	A. Invertendo B. Alternando C. Dividendo D. Componendo
18	In a ratio a:b, a is called:	A. Relation B. Antecedent C. Consequent

19	Question Image	A. $u = v^2$ B. $u = kv^2$ C. $uv^2 = k$ D. $uv^2 = 1$
20	If a:b = x:y, then invertendo property is:	

A. $u = v^2$
B. $u = kv^2$
C. $uv^2 = k$
D. $uv^2 = 1$

If a:b = x:y, then invertendo property is: