Elasticity of Demand (Questions) - Numericals Basics (EASY) (Q-1) When price is \$10/unit demand is 100 units. As the price falls to \$8/unit, demand expands to 150 units. Calculate elasticity of demand.

Ans- Ed= 2.5 (Q-2) When price of sugar is 75/kg its demand is 50 kg. When price rises by 75/kg its demand falls by 10 kg. Calculate classicity of demand.

Ans-64=0.2 MODERATE) (9-3) The mortet demand for a good at 24 unit is loounits. Due to increase in price the market demand falls to 75 units. find out the new price, if Ed = (-1). (Q-4) When the price of a good X is \$5 the consumer buys 100 units of good X. At what price would be be willing to purchase 140 units of good X? Ed = 2 (given) Ans- new price > 74 (Q-5) The demand for a good at I lofunit is 40 units. Price falls by \$5. If Ed = -3, calculate the new quantity demanded. (9-6) When price of a commodity falls by 80%, the quantity demanded of it incoesses by 100%. Find out its price clasticity of demand. Ans > Eq= 1.25

14.0 cm 1/4 1 m		·	
(Q-7) When price to half. Co	of a commodity	gets daubled its oefficient of price	quantity demanded reduced elasticity of demand.  Ans- Ed = 0.5
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(Q-8) When pric	e of a good	falls from 75 to	o \$3 perunit, its
demand rises	by 40%. Cal	culate Ed.	Ans- 6d=1
(Q-9) Calculate	Ed when	<b>→</b>	
to the second	price ( I)	Potal expendi	pure (2)
	5	200	
	6	420	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			Ans- (-g = 1.5
I with the many	in a stage of	one of the second	. 5
(0-10) Calculate	the elasticity	of demand by t	otal expenditure method.
Ъ	Price ( Z)	Total exp. 1	<i>₹</i> )
<u>i)</u>	4	40	
No real and U gut	6	50	Ans- Ed <1 (inclusive)
See Live of a result	1.73		(inclusive)
	price (Z)	T.E ( Z)	
<del>(1)</del>	5	50	
ita	6	50	Ans- Ed=1
In a size a size A	<u> </u>		Ans- Ed=1 Cunitary elastic)
Variation of the second of the	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7. 9	y costilo)
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