PROJECT 2

FACULTY OF ANIMAL HUSBANDRY
BRAWIJAYA UNIVERSITY

SUBJECT : **LIVESTOCK PRODUCTION ECONOMICS**
VENUE : Friday, 2nd March 2018
TYPE : Take Home
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The demand function is given by D : Pq = 20 -0.01 Q

The Question is:

1. Derive the corresponding TVP (TR) , MVP (MR) , and AVP (AR)!!
2. How many output should be sold to obtain maximum Total Revenue (TVP)?
3. How many output should be sold to obtain maximum Average Revenue (AVP?
   (Please refers to Production Curve that AP maximum will present if MP = AP or **MR = AR**)
4.. Fill the following table to derive the corresponding TVP (TR) , MVP (MR) , and AVP (AR).!!

Q	Pq	TVP	MVP	AVP
(Unit)	(Rp.)	(Rp.)	(Rp)	(Rp.)
100	.....	.....	.....	.....
200	.....	.....	.....	.....
300	.....	.....	.....	.....
400	.....	.....	.....	.....
500	.....	.....	.....	.....
600	.....	.....	.....	.....
700	.....	.....	.....	.....
800	.....	.....	.....	.....
900	.....	.....	.....	.....
1000	.....	.....	.....	.....

5. Draw the curve of the relationship between TR (Total Revenue), Demand , and MR (Marginal Revenue) !!

Good Luck !!!