

9/10/2020
FRIDAY

PHYSICS

STD-8
class-23

Assignment

1) Categorise the following relations appropriately as step up or step down transformers.

Ans)

Step up transformer	Step down transformer
$V_s > V_p$	$V_s < V_p$
$I_s < I_p$	$I_s > I_p$
$\frac{N_s}{N_p} > 1$	$\frac{N_s}{N_p} < 1$

2) Differentiate the statements given below, suitable to the step up and step down transformers.

Ans)

a) - step up transformer

b) - step down transformer

c) - step down transformer

d) - step up transformer

e) - step up transformer

f) - step down transformer

g) - step down transformer

h) - step up transformer