Electrical Power Plant Engineering Quiz Questions Pdf

1. The draught which a chimney produces is called
a. induced draught
b, natural draught
c. forced draught
d. balanced draught
Ans: B
2. The draught in locomotive boilers is produced by
a. forced fan
b., chimney
c. steam jet
d. only motion of locomotive
Ans: C
3. For the induced draught the fan is located
a. near bottom of chimney
b. near bottom of furnace
c. at the top of the chimney
d. anywhere permissible
Ans: A
4. The pressure at the furnace is minimum in case of
a. forced draught system
b., induced draught system
c. balanced draught system
d. natural draught system
Ans: C
5. De-Laval turbine is
a. pressure compounded impulse turbine
b. velocity compound impulse turbine
c. simple single wheel impulse turbine
d. simple single wheel reaction turbine
Ans: C
6. The pressure on the two sides of the impulse wheel of a steam turbine
a. is same
b. is different
c. increase from one side to the other side
d. decreases from one side to the other side
Ans: A
7. Curtis turbine is
a. reaction steam turbine
b. pressure velocity compounded steam turbine
c. pressure compounded impulse steam turbine
d. velocity compounded impulse steam turbine

Ans: B
7. Rateau steam turbine is
a. reaction steam turbine
b. velocity compounded impulse steam turbine
c. pressure compounded impulse steam turbine
d. pressure velocity compounded steam turbine
Ans: C
8. In jet type condensers
a. cooling water passes through tubes and steam surrounds them
b. steam passes through tubes and cooling water surrounds them
c. steam and cooling water mix
d. steam and cooling water do not mix
Ans: C
9. In a surface condenser if air is removed there is
a. fall in absolute pressure maintained in condenser
b. rise in absolute pressure maintained in condenser
c. no change in absolute pressure in the condenser
d. rise in temperature of condensed steam
Ans: A
10. Edward's air pump
a. remove air and also vapour from condenser
b. removes only air from condenser
c. removes only un-condensed vapour from condenser
d. removes air along with vapour and also the condensed water from condenser
Ans: D