

GATE Placement Paper

- 1) Pitot tube is used to calculate the velocity of ?
- 2) To eradicate the over turning of vehicle which has to be done. Reduce the mass, Reduce the Speed, Make the CG down for the vehicle.
- 3) Why governing is required in the turbine.
- 4) Why air vessel is placed in the reciprocating pump.
- 5) A problem on the blade speed of the impulse turbine.
- 6) Formula for specific speed of turbine.
- 7) What is the operation we perform in the CAD to fill the patches.
- 8) What is the meaning of cast iron SG 400/15
- 9) What happens to the cast iron rod when manganese is added to it.
- 10) Hardness of the cast iron bar can be increase which process.
- 11) Which type of fit is involved in O6/g7
- 12) What happens to material in spinning operation.
- 13) Why multi point cutting tool is used.
- 14) How can be directional solidification eradicated.
- 15) What type of welding is used to weld molten metal.
- 16) Two questions on stress concentration factor.
- 17) A question asked on usage of keys
- 18) Type of bolt used in heavy machinery.
- 19) A theatre providing e ticketing is maintained by which platform. This is question related to management.
- 20) Three questions on gear mating.
- 21) If ω/r ratio is increased what happens to its primary and secondary forces.
- 22) Maximum value of x power $1/x$.
- 23) Slope of the curves $Y = a$ power X and $Y = b$ power X
- 24) Two questions on integration.