3-Phase Induction Motors.
Old questions answers only.
June 20, 2019

-2076 Baisakh Back 5. B.

Rotor speed for maximum torque = 2250 rpm
Maximum torque = 10.625 Nm

-2075 Bhadra Regular 5. B.

Torque developed by rotor at 1400 rpm = 5.29 Nm

-2075 Baisakh Back 5. B.

Speed of rotor at maximum torque = 600 rpm
Maximum torque = 130 Kg – m

-2073 Bhadra Regular 5. B.

At rotor,
 starting current = 56.61 A
 No-load current = 1.92 A
 Full load current = 32.02 A
At stator,
  Starting current = 14.153 A
  No-load current = 0.481 A
  Full load current = 8 A

2072 Aswin Regular 5.B.

 Speed at maximum torque = 1200 rpm
 Efficiency at 1350 rpm = 75.89 % (I am not sure)