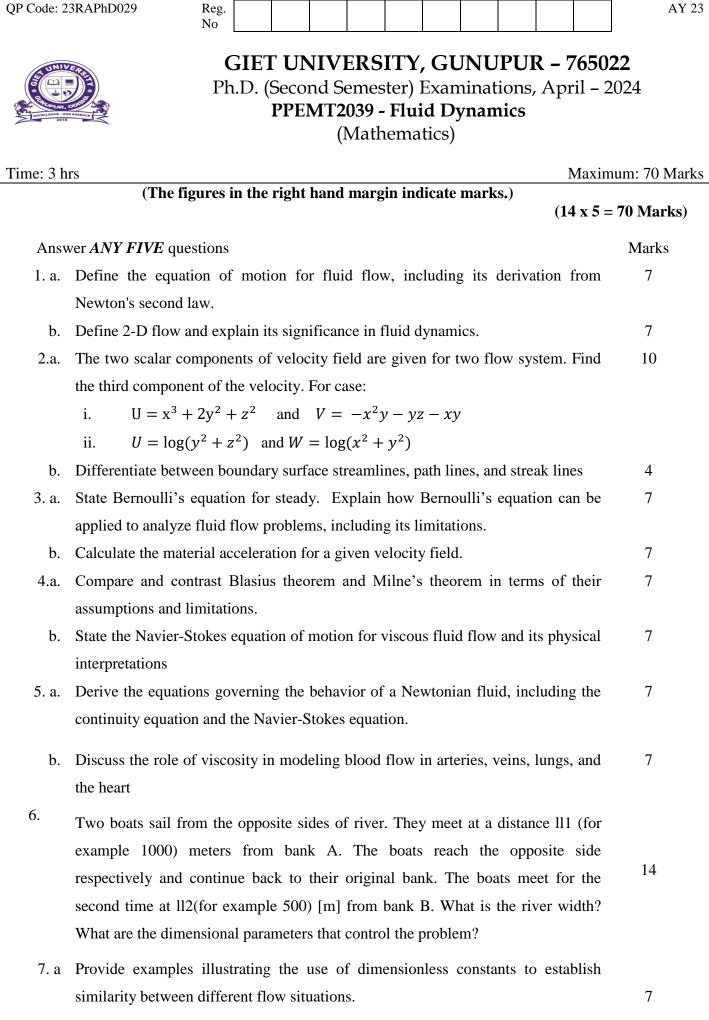
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- <sup>b</sup> Define dimensionless constants and explain their significance in fluid dynamics
- 8. a Derive the equation of incompressible MHD flow starting from the conservation
  7 equations of mass, momentum, and magnetic induction.

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b. Discuss the temperature distribution in the MHD approximation and its importance in plasma physics.

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