PH 101

Mid-Semester Examination Indian Institute of Technology Guwahati

Date: 22/09/2017 Time: 120 minutes Maximum Marks: 30



Solution-Sheet

Your NAME: MUKUL

RAHJAN

Your ROLL NUMBER: 170108024

Part-I: Each from Q.1 to Q.20 carries 1 mark

Put the correct option (i.e. a, b, c or d) in the box against each Question:

1.



2.





B





6.



7.





10.



11.



12.



13.



14.



16.



17.



18.

19.

20.

B

Part-II

C

1. (a)

T =



1. (b)

I =0 10 0

2.

$$l = \left(\frac{\text{M} \text{Vo}^2}{\text{K+bM9}}\right)^{\frac{1}{2}}$$

$$= \left(\sqrt{\frac{\text{M}}{\text{K+bM9}}}\right)^{\frac{1}{2}}$$