**Questions before simulation:**

1. In the case of a flywheel, the maximum fluctuation energy is the
2. ratio of the maximum and minimum energy
3. ratio of the minimum and maximum energy
4. difference between the maximum and minimum energies
5. sum of maximum and minimum energies

Answer: c

1. What is the value of the radius of gyration of disc type flywheel as compared to a rim type flywheel for the same diameter?
2. ½ times
3. 2 times
4. 1/

Answer: d

1. What is the moment of inertia of rim type of flywheel?
2. I= Mr2
3. I=0.5\*Mr2
4. I=2\*Mr2
5. I=0.4\*Mr2

Answer: a

1. Which of the following statements are correct?

Statement A: To absorb energy when demand of energy id less than the supply

Statement B: To give out energy when demand of energy is more than the supply.

1. A is correct and B is wrong
2. B is correct and A is wrong
3. Both A and B are correct
4. Both A and B are wrong

Answer: c

1. what is the value of the radius of gyration of the disc type flywheel as compared to rim type flywheel for the same diameter?

a) 21/2times

b) 1/ (21/2) times

c) 2 times

d) 1/2 times

Answer: 1/ (21/2) times