

## CLASS- 9 SUBJECT-PHYSICS DATE 20.5.2020 PAWAN KR.

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### HOME WORK (BASED ON THE PREVIOUS LEARNING MATERIALS)

CHAPTER FORCE AND LAWS OF MOTION

SOLVE ALL THESE QUESTIONS:

Q.N.1 SHOW THAT THE NEWTON'S FIRST LAW IS CONTAINED IN NEWTON'S SECOND LAW OF MOTION.

Q.N.2 WRITE DOWN THE STATEMENT OF THE LAW OF CONSERVATION OF MOMENTUM.

Q.N 3. VERIFY THE LAW OF CONSERVATION OF MOMENTUM.

Q.N.4. WHY THE NEWTON'S SECOND LAW IS CALLED THE REAL LAW OF MOTION.

Q.N. 5 WRITE DOWN THE NEWTON'S THIRD LAW OF MOTION.

Q.N 6 .GIVE TWO EXAMPLES OF NEWTON'S THIRD LAW OF MOTION.

Q.N.7. WHAT DO YOU MEAN BY HEAD -ON-COLLISION?

Q.N.8.WHEN A SYSTEM IS SAID TO BE ISOLATED?

Q.N.9.BODY 'A' COLLIDES WITH A BODY 'B'. BODY 'A' EXERTS A FORCE OF 10 N ON BODY 'B'..THE FORCE WHICH BODY 'B' EXERTS ON BODY 'A' IS.....

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