

MAHARASHTRA STATE COUNCIL OF EXAMINATION, PUNE

Government Commercial Certificate Examination

4 JULY, 2018

[Time : 09-00]

(Total Marks for Sections I and II : 100)

ENGLISH TYPEWRITING

(40 Words Per Minute)

SECTION - II

[Time Allowed : 7 Minutes]

Note : Do not type the 'Speed Passage' again.

Type the following speed passage in SEVEN MINUTES. Use DOUBLE or ONE and HALF LINE SPACING and a Margin of FIFTEEN SPACES on the left.

[Marks : 40]

The most powerful motor known to human being is the rocket. It is the only one that can propel space art to other planets and put satellites into orbit around the Earth. Yet it is one of the easier to understand, for even the giant space shuttle works on the same principles as the rockets you see at firework displays.

The toy firework was propel invented in China over 700 years age. It has changed little since then. It is simply a tube filled with gunpowder packed very tightly. When the flame from the rocket's burning fuse reaches the gunpowder, there is a violent chemical reaction. Different substances in the gunpowder combine and turn in to hot gases at high pressure. They try to expand, and if the tube were closed at both ends, the gases would tear it apart. But there is an opening at the lower end of the tube, and the gases rush out, forming a bright glowing trail, called the 'exhaust.'

It is the force generated by the chemical reaction that pushes out the exhaust gases. But whenever a force is exerted on something. There is a 'reaction' an equally strong force is the opposite direction. For example, when you fire a rifle, you feel it 'Kick' against your shoulder, the gun is pushed back by the reaction to force that drives the bullet forward. If you were standing on roller.