

MAHARASHTRA STATE COUNCIL OF EXAMINATION, PUNE

Government Commercial Certificate Examination

2 JULY, 2018

[Time : 11-30]

(Total Marks for Sections I and II : 100)

ENGLISH TYPEWRITING

(60 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]

There was voluminous outpouring of lava through extensive fissures. The lava spread over extensive areas in the form of horizontal flows. The thickness of lava flows vary from few meters to several meters. Number of such flows are found piled one above another. The flows occupy almost all the entire area of Maharashtra but some parts of Nagpur, Bhandara, Chandrapur, Yavatmal, Ratnagiri and Sindhudurg districts are partly covered by lava flows.

In eastern Maharashtra, the flows lie over infratrappeans as well as over metamorphic rocks. In western Maharashtra red bole are found in Mumbai, which are of lacustrine origin. The lava flows are intruded by a number of dykes of diorite. The dykes show nearly N-S trend parallel to west coast. Diorite dykes are intruded in all schistose rocks in eastern Maharashtra and Konkan. The length and width of dykes vary at different places.

Basalt is volcanic igneous rocks which is basic in composition. It is a fine grained, dark coloured rock. It shows porphyritic texture at various places. The structures

such as columnar joints are observed at many places such as Naldurg, Andheri, Panhala etc. Some basalt also shows amygdales and / or vesicular structure. Some exhibit ropy or wrinkled surface and pillow structure (e.g. Rajeev Gandhi National Park at Borivali, Mumbai)

Two types of lava flows have been recognized. They are the pahoehoe or ropy and the aa or block lava. Pahoehoe lava flows predominate in western Maharashtra, mainly, at Dhule, Bhandra, Aurangabad, Pune and Nasik, whereas in rest of the region of Maharashtra, aa lava flows are dominantly exposed.

Spheruloidal weather is more common in compact basalt. Spheruloids vary in size from few centimeters to about a meter in diameter. The entire of the state forms a part of Peninsular plateau. It is composed of ancient rocks of diverse origin, which have undergone metamorphism. These ancient rocks are of Archaean age (3500 million yrs), overlain by sediments.
