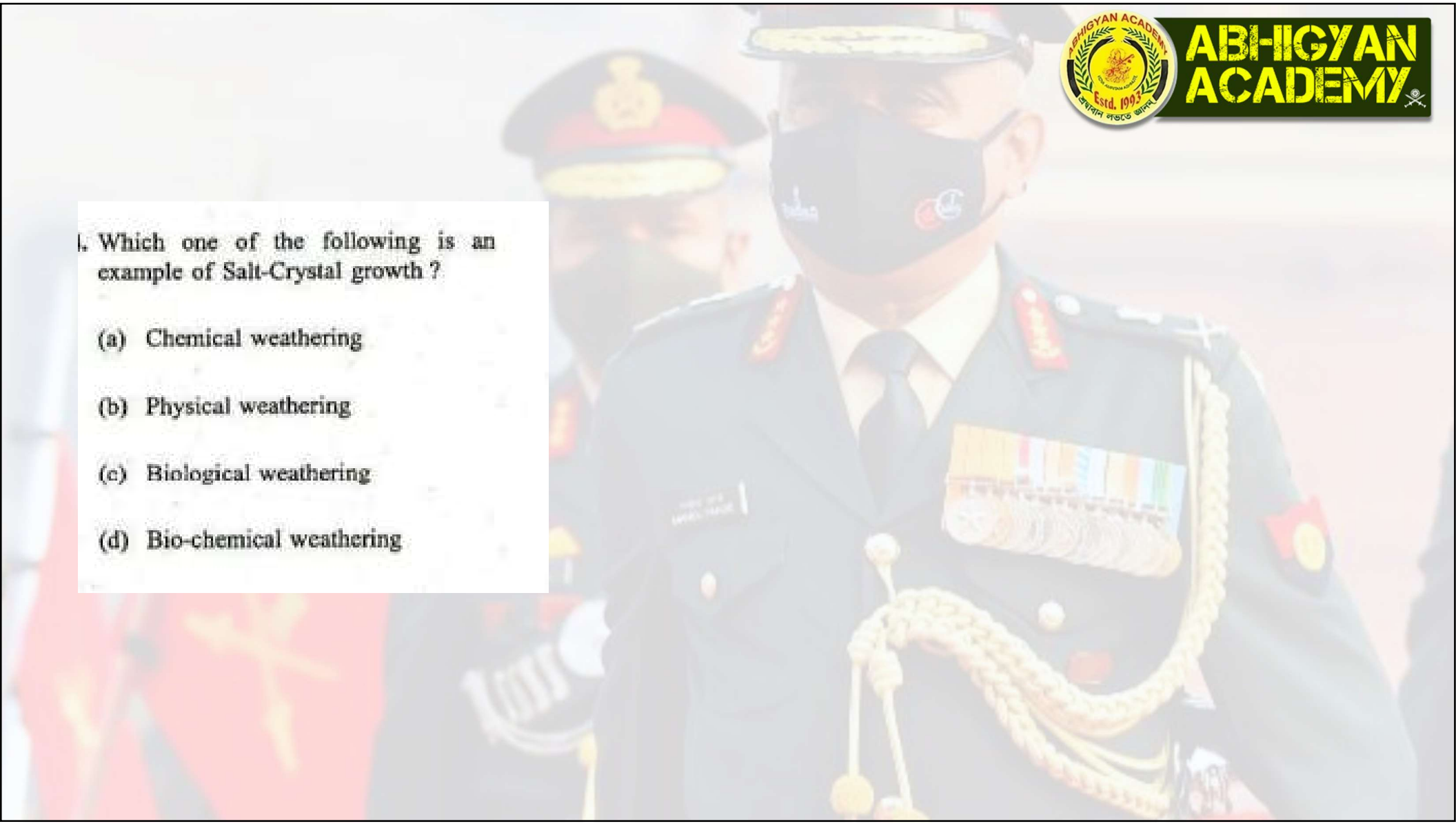
PYQs on Rock System and Classification



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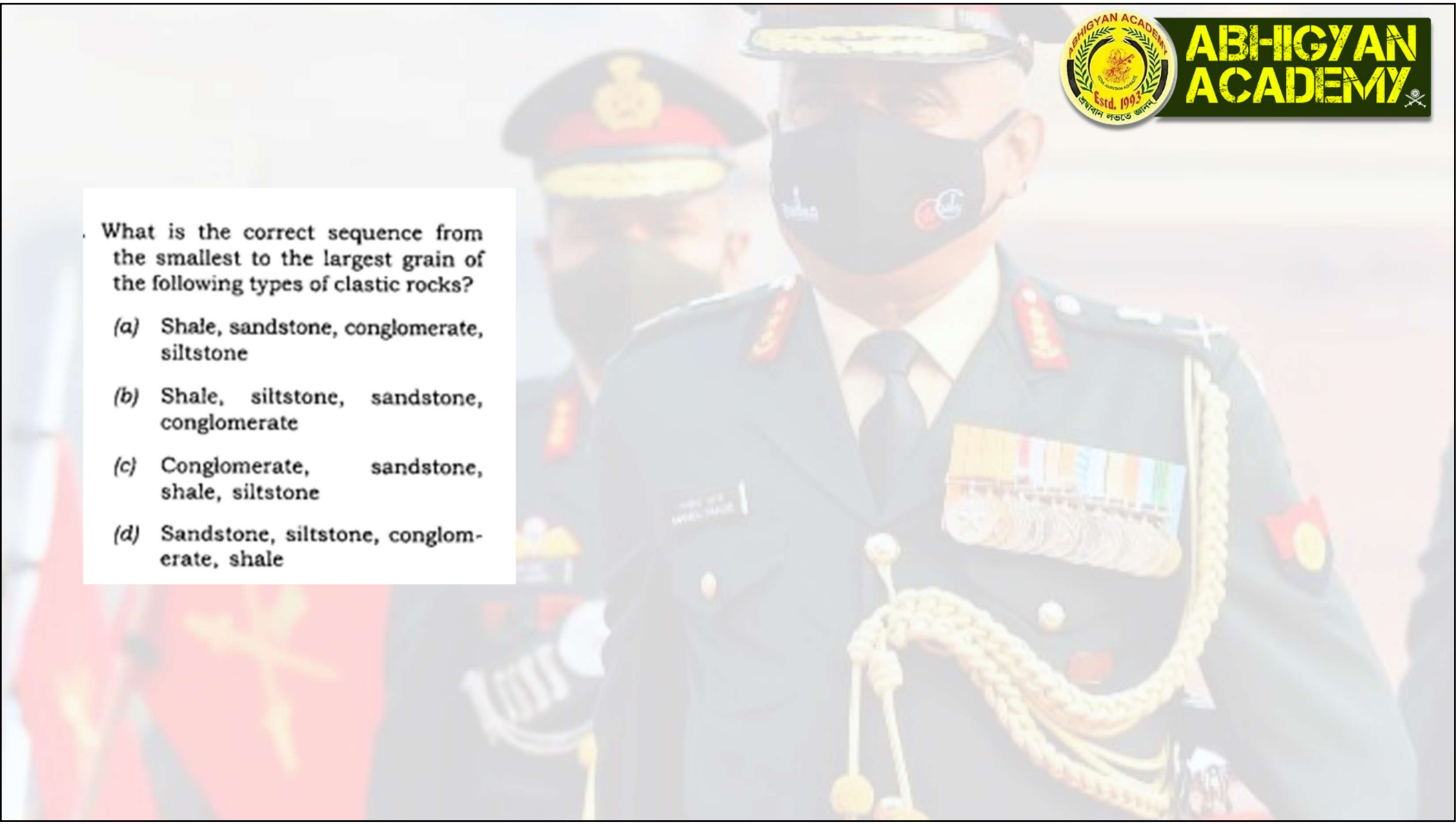
1. Which one of the following is an example of Salt-Crystal growth ?

(a) Chemical weathering

(b) Physical weathering

(c) Biological weathering

(d) Bio-chemical weathering



. What is the correct sequence from the smallest to the largest grain of the following types of clastic rocks?

(a) Shale, sandstone, conglomerate, siltstone

(b) Shale, siltstone, sandstone, conglomerate

(c) Conglomerate, sandstone, shale, siltstone

(d) Sandstone, siltstone, conglomerate, shale

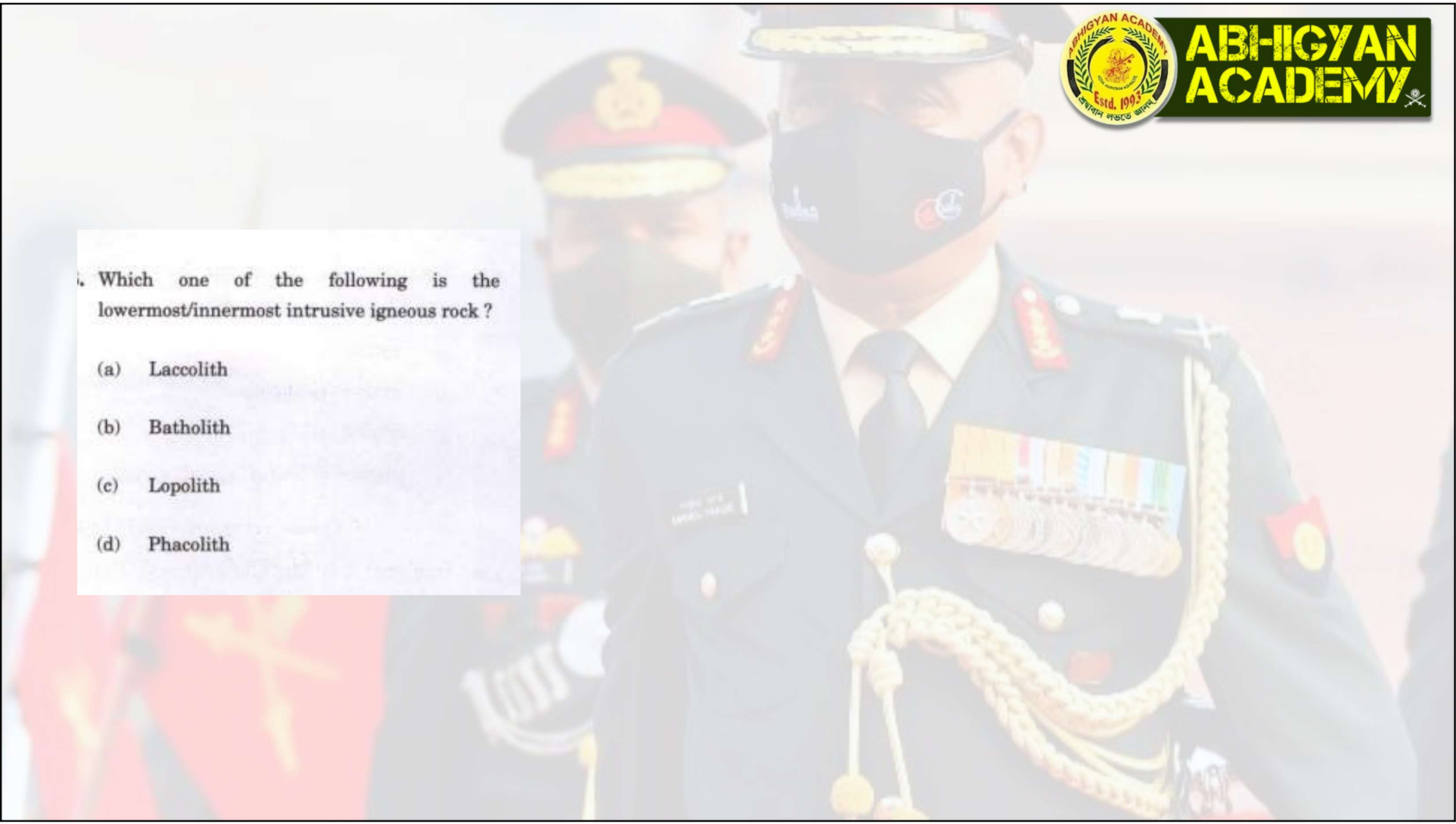
Which one of the following is ***not*** an igneous rock ?

(a) Granite

(b) Slate

(c) Basalt

(d) Gabbro



. Which one of the following is the lowermost/innermost intrusive igneous rock ?

(a) Laccolith

(b) Batholith

(c) Lopolith

(d) Phacolith

1. An up fold in rock is:
   (a) graben
   (b) horse
   (c) anticline
   (d) syncline

. Which one of the following is the oldest era in Geological History determining the age of various rock types ?

(a) Precambrian

(b) Mesozoic

(c) Cenozoic

(d) Paleozoic

. Consider the following statements :

1. Rocks do not remain in their original form for long and undergo transformation.

2. Transformation of rocks is caused by weathering, erosion and metamorphic action.

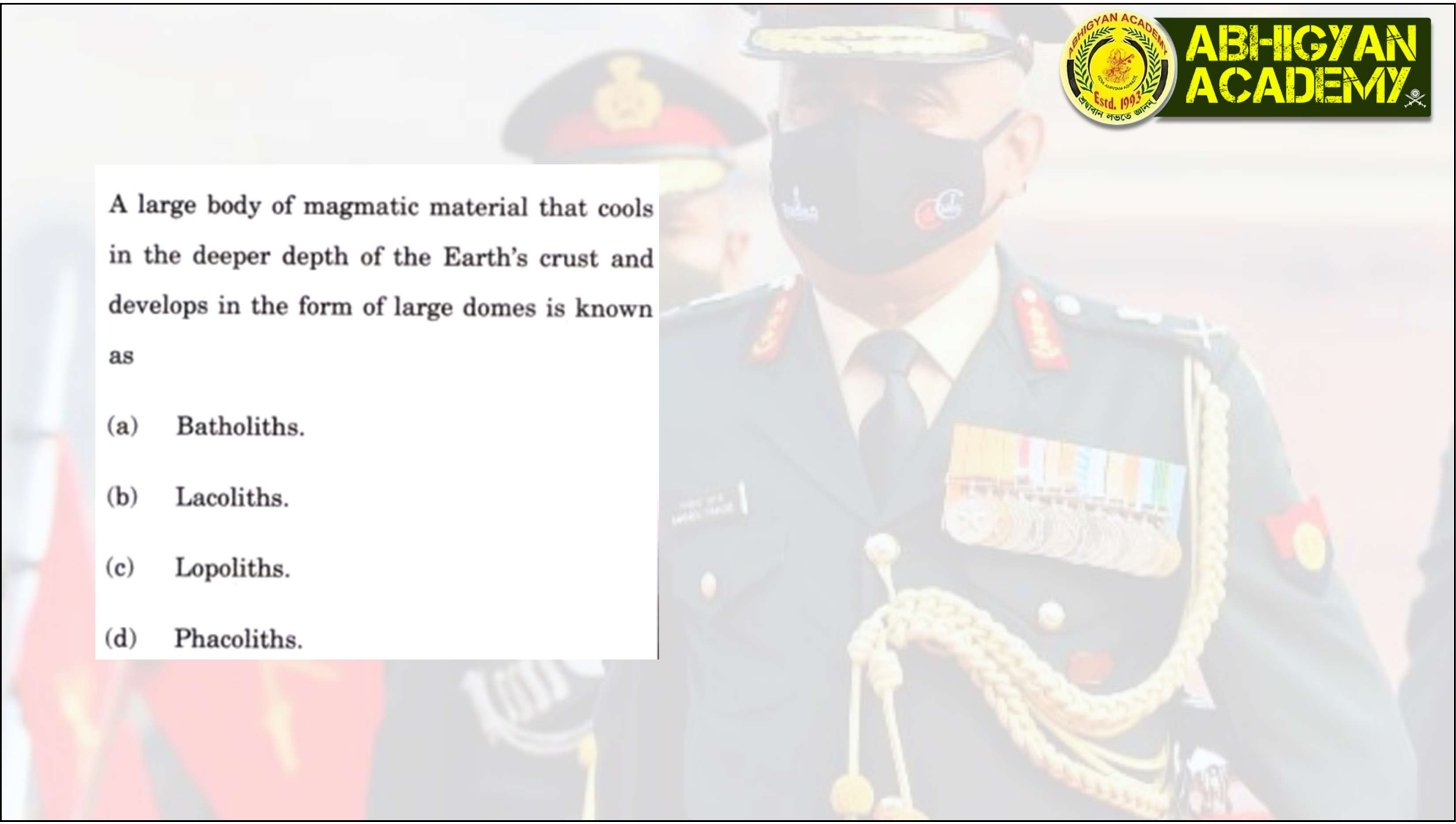
Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2



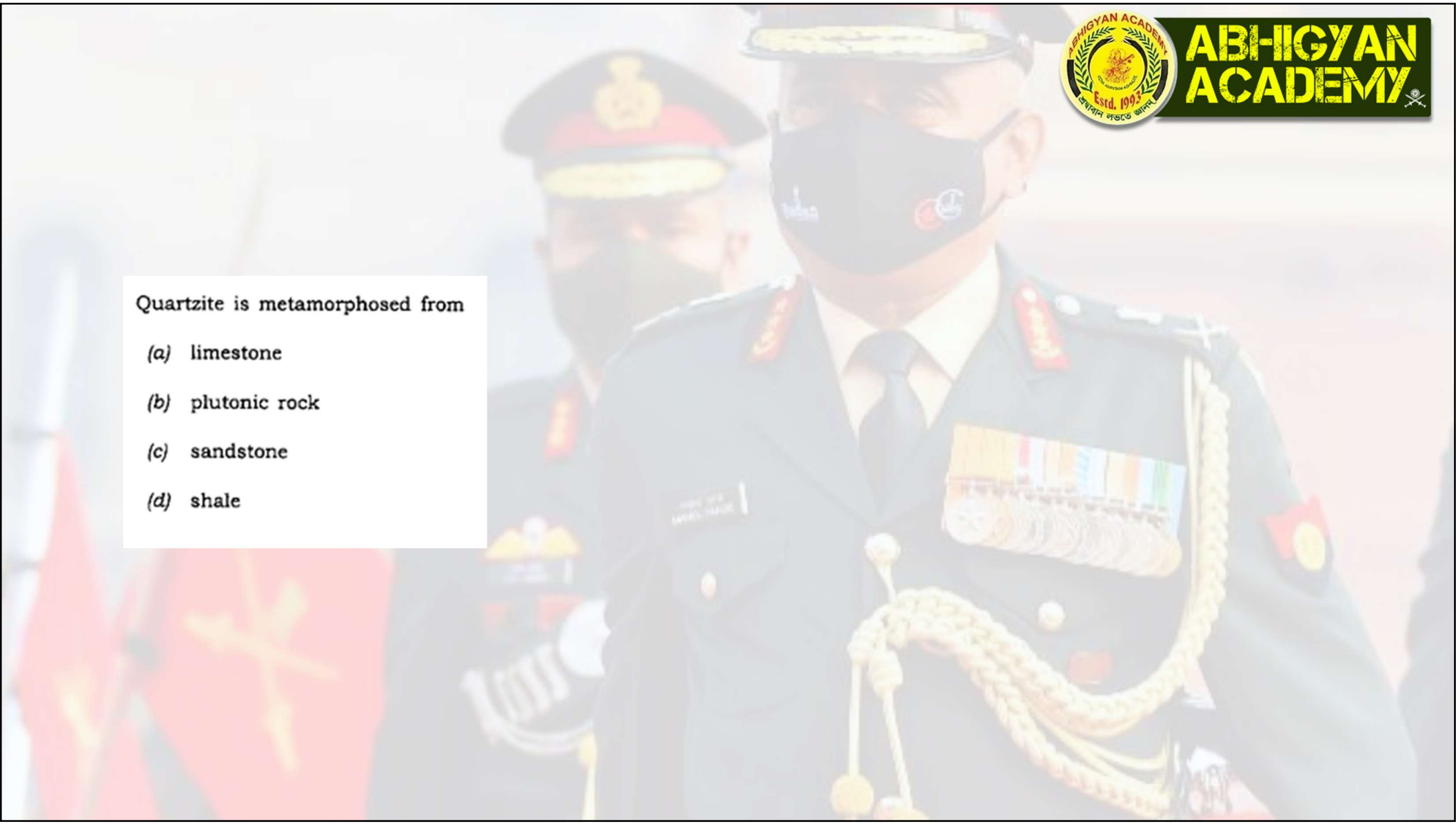
A large body of magmatic material that cools in the deeper depth of the Earth's crust and develops in the form of large domes is known as

(a) Batholiths.

(b) Lacoliths.

(c) Lopoliths.

(d) Phacoliths.



Quartzite is metamorphosed from

(a) limestone

(b) plutonic rock

(c) sandstone

(d) shale

. The formation of 'tors' on small rocky hills is associated with which among the following?

(a) Granite

(b) Limestone

(c) Alluvial

(d) Dolomite