

2021

GEOGRAPHY (HONOURS)

PAPER: GEOH-DC1B &DC 2B (PRACTICAL)

(CBCS)

Full Marks: 30

Time: Three Hours

The figures in the margin indicate full marks.

DC1B

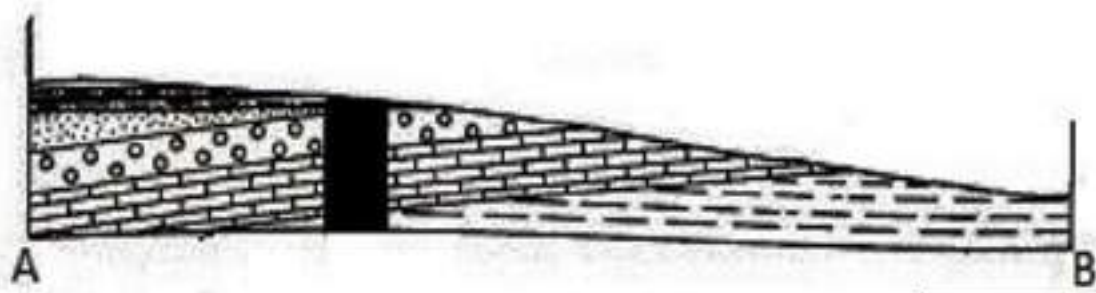
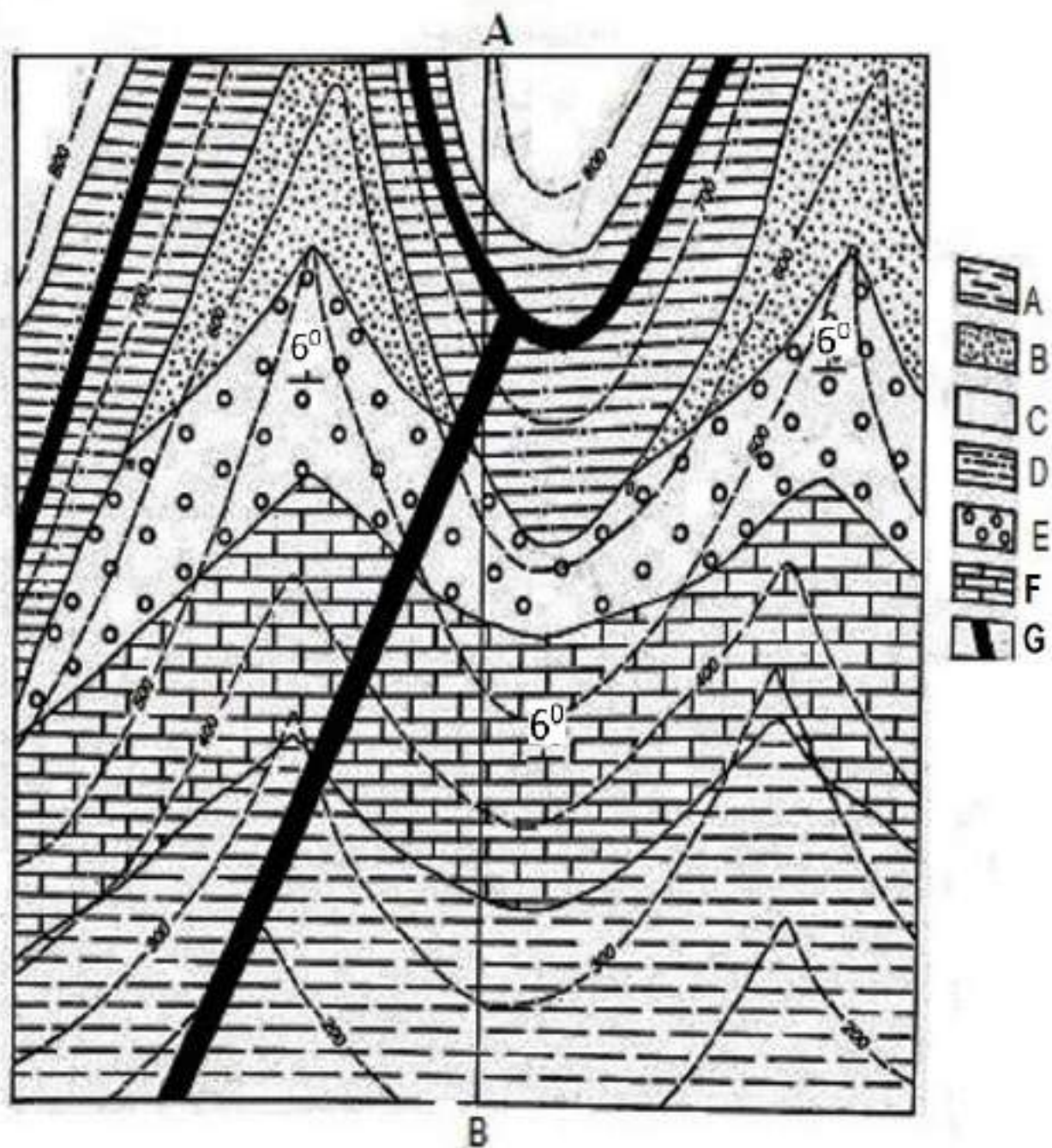
Answer all of the following questions.

1. In the given Geological map, the geological cross section along the AB is given below.
 - a) Interpret its general geological characteristics with respect to structure and succession.
 - b) Mention the older rock bed of the given map.
 - c) What is true dip? 4+1+2=7

2. a) What are the main constituents minerals of Granite Rock?
 - b) What are special characteristics of Limestone ?
 - c) What is the significance of 'Representative Profile' of a Topographical Map? 1+2+2=5

- 3) Laboratory Note book and viva-voce. (3)

QUESTION NO.1 GEOLOGICAL MAP



CROSS SECTION ALONG AB LINE

VERTICAL & HORIZONTAL
SCALE 1 INCH TO 1000 FT

DC2B

Answer all of the following questions.

4. a) Draw a Linear scale to show 1 mile on primary division and 352 yards on secondary division based on scale 1:65000.

b) What do you mean by significance of transit theodolite. What is the line of collimation?

3+2=5

5. a) Draw the neat graticule of Bonne's projection with one standard parallel for the extension 60° E to 10° E and 70° S to 30° S for a 10° interval on a scale 1:60,000,000.

b). What do you know about the 'Conformal' Projection?

6+1=7

6. Laboratory notebook and Viva voce.

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