

Answer all the Groups

GROUP-A

Answer all the questions of the following

 $5 \times 1 = 5$

- 1. i) The winds are formed basically due to which reason?
 - ii) Name the branch of geology which deals with the morphology, classification, mechanism and causes of development of the rock structures.
 - iii) Stratification can be seen widely in which of the rocks?
 - iv) Name the earthquakes originating due to volcanic eruptions or landslides.
 - v) Dam has to be constructed as far as possible from which geological structure to avoid shearing.

GROUP-B

Answer any Three of the following

 $3 \times 5 = 15$

2. Compare and contrast the following pairs:

 $2\frac{1}{2} + 2\frac{1}{2} = 5$

- (a) Lava and Magma
- (b) Plutonic and Volcanic rocks.
- 3. Write short notes (any Two) on the following:

 $2\frac{1}{2} + 2\frac{1}{2} = 5$

- (a) Graphic texture
- (b) Porphyritic texture
- (c) Progressive metamorphism
- (d) Dynamothermal metamorphism

a) Antb) Typc) Sted) Bu	iclinorium es of Stre p Fault ttress dam	n Fold am	lowings (draw neat sketch who $2\frac{1}{2} + 2\frac{1}{2} = 5$	erever required)
5. Which of belongs?		following row correctly p	pairs a mineral with a mineral g	roup in which it
		Mineral	Mineral Group	
	a)	Galena	Silicate	
	b)	Biotite	Carbonate	
	c)	Hematite	Sulphide	
	d)	Calcite	Carbonate	
	e)	Magnesite	Oxide	
6. Draw a simple cross section of a volcano. 5			and levelled	
GROUP-C Answer any Two of the following				2 x 10 = 20
(b) What		•	the effects of earthquakes? en in the construction of buildir	2+3+5=10 ngs in earthquake
8. What are	e Landslid	es? Describe the causes	and effects of landslides. Add	a note on their