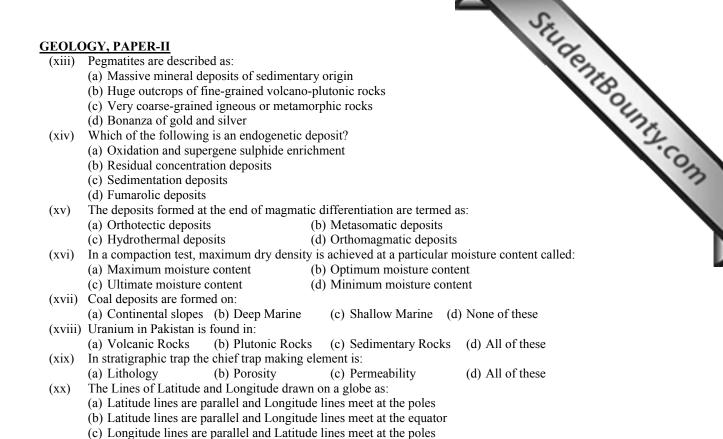


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(d) Longitude lines are parallel and Latitude lines meet at the equator

## PART – II

NOTE	(i) (ii) (iii)	<b>PART-II</b> is to be attempted on the separate <b>Answer Book</b> . Attempt <b>ONLY FOUR</b> questions from <b>PART-II</b> . All questions carry <b>EQUAL</b> ma Extra attempt of any question or any part of the attempted question will not considered.	
Q.2. Describe various modes of slope failures in rocks. (2			(20)
Q.3. What is meant by alkali-aggregate reaction? Elaborate the concept of Alkali-Silica reaction.			(20)
Q.4. How the geochemical survey is used for the exploration of mineral deposits?			(20)
Q.5. Describe the occurrence and industrial utilization of bentonite deposits of Azad Kashmir.			(20)
Q.6. Discuss salient featured of Tarbela Dam.			(20)
<b>Q.7.</b> What is the role of an Engineering Geologist in the site investigation of a mega project?			(20)
Q.8. Describe the theories regarding the Origin of Petroleum and Primary Migration of Hydrocarbons.(20)			

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