



GOVERNMENT OF KARNATAKA  
KARNATAKA STATE PRE-UNIVERSITY EDUCATION EXAMINATION BOARD

II YEAR PUC EXAMINATION - 2017

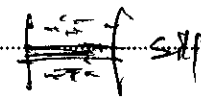
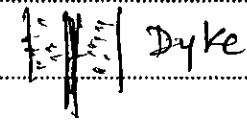
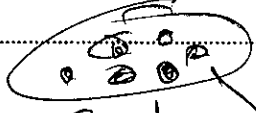
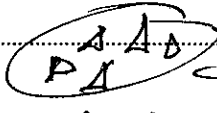
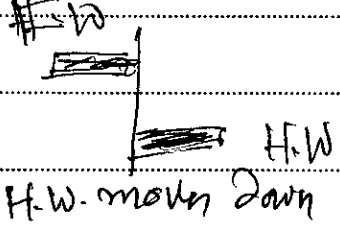
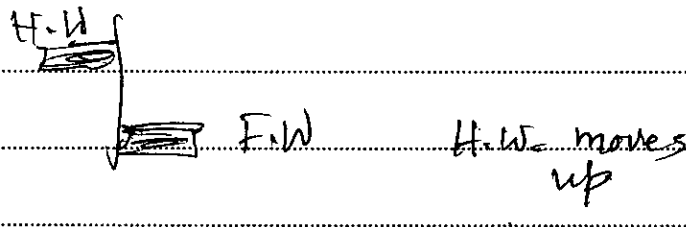
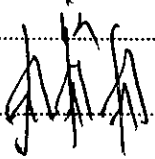
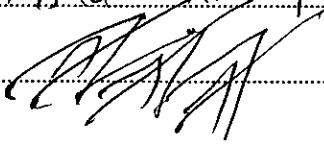
SCHEME OF VALUATION N.S

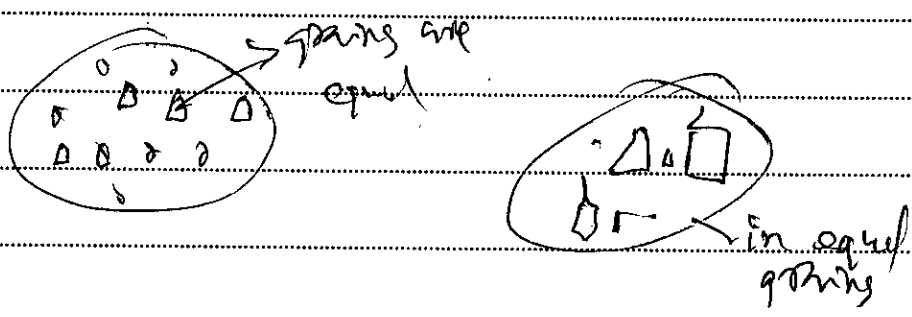
Subject Code : 37

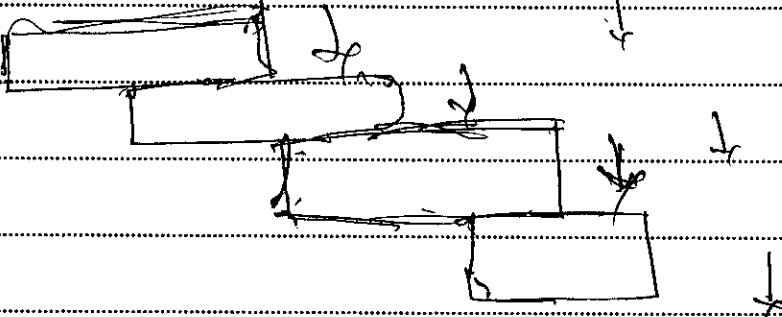
Subject: Geology

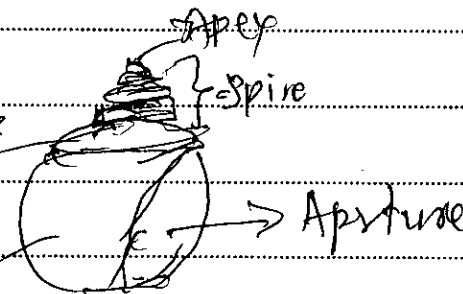
Qn. No.	PART A	Marks
1	Mutual internal arrangement of grains	10x1=10
2	rock	
3	<del>limestone, sandstone</del> , ripple mark, graded bedding	
4	Granite, basalt, dolerite	
5	hanging wall and foot wall	
6	Those bodies cut across country rocks Eg. dyke	
7	Anticline and syncline	
8	Two	
9	Six, (Cambrian, ord, sil, dev, pers, Carbo.)	
10	Celenterata	

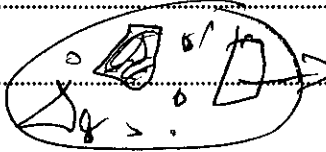
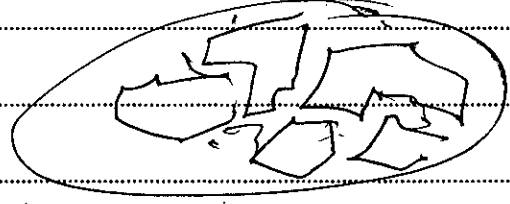
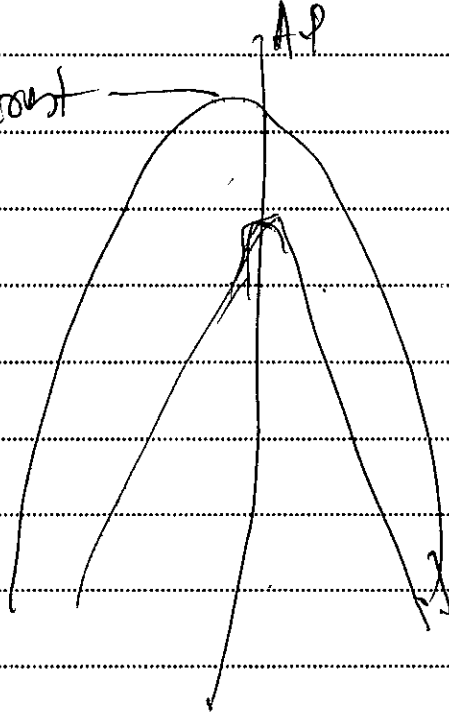
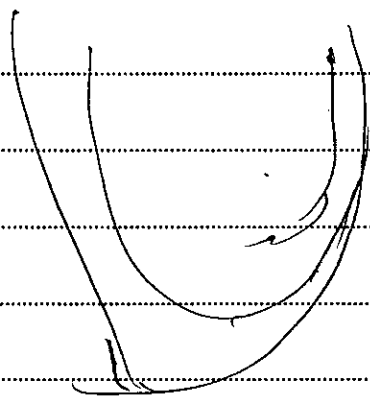
Qn. No.	Part B	Marks
II		5/2/20
11	Mineral aggregate, Marble, quartzite	
12	lava - molten rock material comes to surface magma - " " within / subsurface	
13	Intersection of beds to horizontal surface; to to each other	
14	conformity - beds are one over the other without break, unconformity - break in succession	
15	Sinistral and Dextral (left hand) (right hand)	
16	Head, Thorax and pygidium	
17	Mechanical / physical changes only occur during formation,	
18	layering of beds - stratification systematic study (science of) strata, beds, with units of any area -	

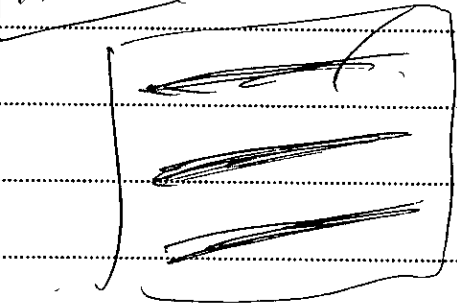
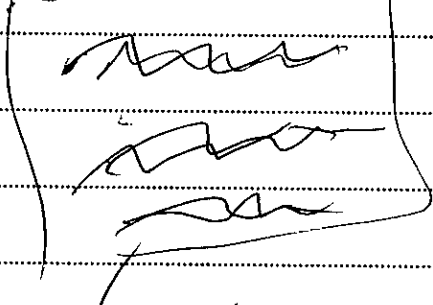
Qn. No.	PART - C	Marks
<del>18</del> <del>19</del>		<del>5x3=15</del> <del>15</del>
19	<p>Sill is concordant body                      Dyke is discordant body</p> <p style="text-align: center;">- one each</p>	 
20	<p>pre-existing rocks transform into newer formation, changes in their chemical constituents etc;                      Pressure, Temp, Chem. Fluid</p>	
21	 	
22	 	
23	<p>in Sym. fold axial plane vertical, whereas                      in A.Sym. fold axial plane, inclined</p>  	
24	<p>Neo-era is Cenozoic era evolved form of life, C.E. ← Recent Quaternary</p>	
25	<p>Indirect fossil evidence, some sort of sponges, prints on soft beds.                      animal-movement, foot print etc</p>	
26	<p>Remains plants, animals of geological past ages, preserved in soft rocks under natural agencies &amp; processes                      peraxoids, fusus,</p>	

Qn. No.	Part - D	Marks
17		2/2
27		2/2
28	Dip joint - jointing is // to dip of bed	2/2
	strike joint - jointing is // to strike of the beds	2/2
29	Mesozoic Era - Middle life Jurassic, Cret. Tertiary	3
life	Genetic reptiles - Dinosaurs, Saurians etc	2

Qn. No.		Marks
29	<p>diag. 2½ Exph. 2½</p> <p>Senses of faults / faulting, <sup>Vertically</sup> towards the direction</p>	
30		
31	<p>Based on given size,</p> <p>Explain 3 marks</p> <p>Exemplify 4 - )</p>	
32	<p>Stratigraphic position,</p> <p>Chronology,</p> <p>Doctrine org. evolution</p> <p>Correlation</p> <p>Diagenesis &amp; epigenesis</p> <p>Eco. uses (coal, petroleum, organic deposits, salts etc)</p>	

Qn. No.		Marks
VI		3x5
33	Foraminifera - 3 marks Textures - 2 - " - example - 1 - " -	
34	Explanation Khamdaka Complex 4 1	
35	Mummification, Petrification, Carbonization, Tracks, trails, foot prints, moulds, casts	
36	Iron, Manganese, Gold, Nonmetallic dist, Dolomite etc	
37		

Qn. No.	Part - E	Marks
	Poetic Part	6 x 5 = 30
38	<p>Prosopopoeia text -  big laths in ground mass.</p> <p>Graphic - vivid / lively texture</p> 	
39	<p>limbs  AP</p>  Tough	

Qn. No.		Marks
40	Diag. 2 Labelling 2 Uses 1	
41	<p>Granite - Ig. rock. granitic tex.                      composed of quartz, feld, mica, hbl etc</p> <p>Basalt - Vol. Ig. rock. fine grained  <u>OR</u>                      bands</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="207 1122 662 1496"> <p>Gneiss</p>  </div> <div data-bbox="831 1122 1262 1598"> <p>Schistose</p>  <p>Schistose?</p> </div> </div>	



Qn. No.		Marks
42	<p>Sandstone - Sed. rock, <del>igneous</del> formed, sand grains are cemented together, comp. - quartz, cementing material is siliceous.</p> <p>Marble - Met. rock Thermal metamorphism product. comp. - <math>CaCO_3</math> (Calcite, <del>dist</del>) compact, larger substance accommodates in lesser amount area.</p>	
43	