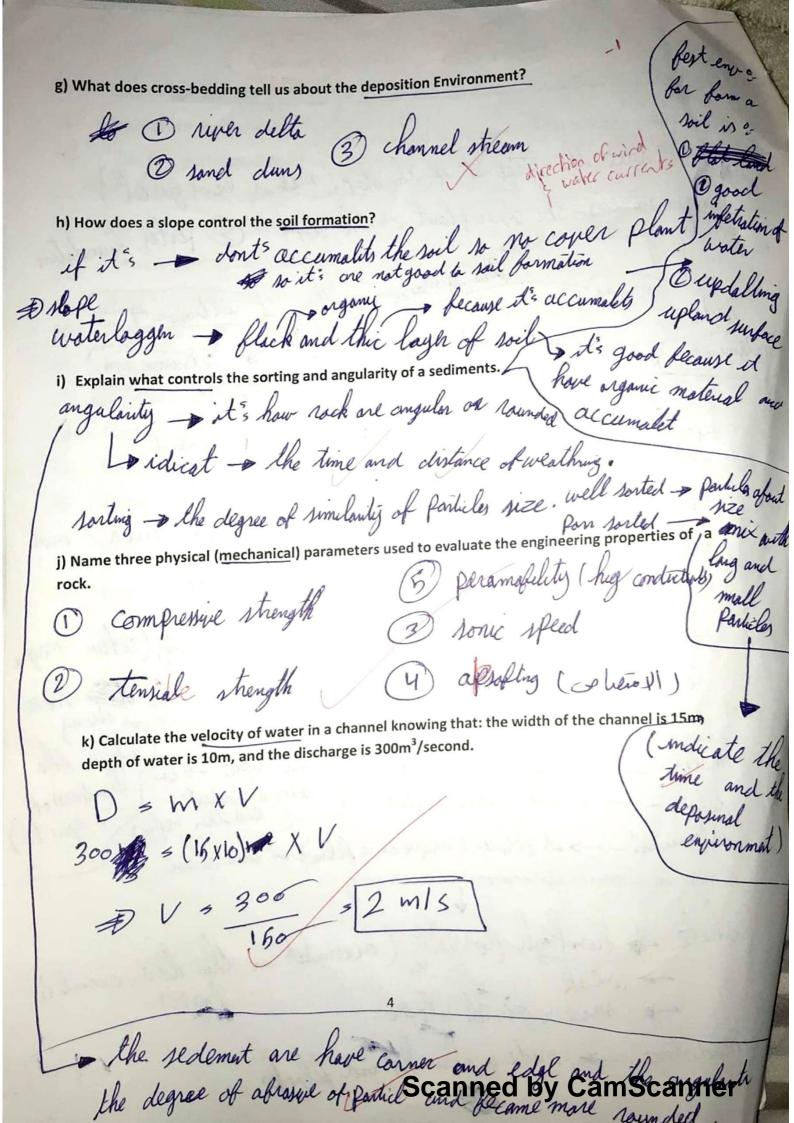
(28 Marks) Question #1 / Fill the spaces: 1- ..... Pothale)... are circular holes in the floor of the stream channel formed by abrasion effect. 2- January and a cone shape of angular rock pieces formed at the base of steep mountains. 4- The parent rock of the metamorphic rock Quartzite is .Quartz. Sand stone 5- Example of constructional Earth activities that lead to the creation/addition of new matter to the Earths' crust is: ... fulding mountat 6- .....is a mineral with a hardness of 7. ore for Al. 8- The accumulation of fines in the soil horizon (B) forms a dense impermeable layer called ..... hard fan 9- This rock notification refers to the rock called ... Sleten chap. Rock. Most of the houses in Palestine are made up of local rock named . Lime stone The most important Earths' wearing agent is ..... 10-The abbreviation (ppm) to measure water quality means . Part per millens .11-12-The most important factor affecting the texture of igneous rock is 13the set of magna walney

Clay minerals are product of the chemical weathering of ... granite. X 14-Im-mature soil indicates .... Short. time for building soil. 15-The fine particles in the (USCS) include ... gravely, sand, silt, class 16-17- Mud. flaur. is a type of mass wasting, occurs on the hill side of volcano The sedimentary rock composed of angular pieces of gravel and mud in between 18-19-(matrix/ ground mass) is called. Lime stone 20-Travertine is an example of a rock deposited in ... Course 21lamened are the thin layers of silt & clay deposited in a lake forming shale The type of chert, that has dark color is ...flint. 23-Coal is formed from the remains of plant and pensin animal 24-Plamatition is the igneous rock, whose texture is composed of exceptionally large crystals of several centimeters. True-soil is a term that includes..... 26-The slowest type of mass wasting is ... Caled 27-Limestone represent ....... % of total volume of all sedimentary rock 28-

a) Name two method of landslide mitigation (slope treatment).
O reduce the steepnest of the slof (mak it more gentel)
(2) more of the staff ( make it more genter)
b) Draw or describe the Rock Cycle.
Cooling transport 10
melt magma extrusive and had igneas rock inhusive ign (upliff)
met pressure and hat igness ruch
inhusiye ign
c) Explain how the alluvial fans are formed in nature? Weathing + Cormfacted)
uplifte weathing + lett weathing + deposing
c) Explain how the alluvial fans are formed in nature?
when the streem goes from narro area to open area of and
when you sum narro area to open area & and
sudden drop of sedemil happen becaus of reduce slope.
d) Why is feldspar the most abundant silicate mineral in nature?
because it ( isto ) in the lary Range of cooling ( when mag
Cooling from higher to lower temprestice) and of also them
e) Based on the chemical composition, classify the igneous rocks (compositional mong
mafix low solice contest ( when the sheet )
felse len they miles it egus 1
intermedial It between (matricand felsie) in mic contin
f) How can we differentiate between shale & mud stone.
male - has high Cossility (accumulat in the
- Weak land
shale - has high forsility (acumulat in this baccamulat)  weak made a gentel slope. layer)
Mudstone > made a chrunks and Placks Scanned by CamScanner
Scanned by CamScanner



(30 Marks)

## Classify the following rocks and minerals:

Rock or Mineral	MINERAL	W9 10 90 10 10 10 10 10 10 10 10 10 10 10 10 10	- consults	SEDIMENTARY		
	Silicate Structure	(Texture)	(Texture)	Detritus	Organic	Inorganic
1.Gneiss			bolisted			
2.Biotite						
3.Gabbro	A STATE OF THE PARTY OF THE PAR	phenonitic				
4.Schist			Poliated			
5.Arkose	100			V		
6.Quartz	3- Onetwork				1	
7.Coquina			1			
8.Basalt	2415	aphenitii				
9.Olivine	single tetahya	ron				
10.Granite		phenaritie			1	
11.Coal					V	
12.Augite	single chain	0				
13.Ryholite		aphenitic				
14.Obsidian	single chain	glassy				
15.Diorite		phensiti			1/	
16.Chalk			10.1			
17.Marble			Mon- Coliated	AN STEEL		1/
18.Dolostone		01- 00		then		
19.Peridotite		ultramafic		1		
20.Feldspar	3 - P notions					