

QUIZ NO: 488

TOPIC: GEOTECHNICAL ENGINEERING

DATE: 02/09/2021

1. Which of the following type of soil is transported by gravitational forces:

- [A] Loess
- [B] Talus
- [C] Drift
- [D] Dune sand

Answer: B

2. Drift and Till are the soils transported by

- [A] Gravitational force
- [B] Wind
- [C] Glacier
- [D] River

Answer: C

3. Bentonite is material obtained due to the weathering of:

- [A] Lime stone
- [B] Quartzite
- [C] Volcanic ash
- [D] Shale

Answer: C

4. Residual soils are formed by

- [A] Glaciers
- [B] Wind
- [C] Water
- [D] None of the above

Answer: D

5. Varved clay is:

- [A] Mixture of sand silt and clay
- [B] A lucastrine deposit
- [C] Thin layers of alternate silt and clay
- [D] Both B and C

Answer: D

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6. Laterite soils are formed by the process of

- [A] Leaching
- [B] Oxidation
- [C] Hydration
- [D] Hydrolysis

Answer: A

7. Loam means:

- [A] Sandy clay with little silt
- [B] Silty clay with little sand
- [C] Sand silt and clay in equal proportion
- [D] Silty sand with little clay

Answer: C

8. Which of the following type of soil is transported by wind?

- [A] Loess
- [B] Talus
- [C] Drift
- [D] None of the above

Answer: A

9. Chemical weathering of rocks results in:

- [A] Coarse grained and non-cohesive soil
- [B] Fine grained and cohesive soil
- [C] Fine grained and non-cohesive
- [D] None of the above

Answer: B

10. Physical weathering of rocks results in

- [A] Coarse grained and non-cohesive soil
- [B] Fine grained and cohesive soil
- [C] Coarse grained and cohesive soil
- [D] Fine grained and non-cohesive soil

Answer: A

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