

Guidebook Jeopardy Rules

- Two teams
- Teams have 30 seconds to answer questions
- One spokesperson will select category/points; and give the final answer for the team.
- If team gives incorrect answer, points not awarded and other team will get a chance to answer correctly
- Teams will alternate turns to answer questions
- Team that answers the BONUS question gets double points for a correct answer!



Erosive Forces Jeopardy

Terminology	Erosion	Protection Methods	Technical	Comic Relief
<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>0</u>
<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>0</u>
<u>30</u>	<u>30</u>	<u>30</u>	<u>30</u>	<u>0</u>
<u>40</u>	<u>40</u>	<u>40</u>	<u>40</u>	<u>0</u>

Terminology – 10 points

True or False:

OHWL stands for Observed Height of Water Measurement.



Terminology – 20 points

Calculating a fetch involves:

- a. Counting the number of steps from the waters edge to a structure.
- b. The number of minutes it takes to motor across the longest portion of the lake.
- c. The longest distance in feet measured across the lake from a riparian property.



Terminology – 30 points

“Riprap” means a layer or layers of rock, including filter material, placed on the bed and bank of a navigable waterway to prevent_____, scour or sloughing of the existing bank.

- a. Pollution
- b. Erosion
- c. Debris
- d. Mowing
- e. None of the above



Terminology – 40 points

True or False:

The erosion intensity score sheet takes into account the influence of adjacent structures, bank height, and clarity of water.



Erosion – 10 points

True or False:

The following can cause erosion: wind, rain, humans, animals, and soil type.



Erosion – 20 points

When planning a protection method for bank erosion, the planning team needs to consider:

- a. Fluctuations of Water
- b. Ice Action
- c. Soil type
- d. Fetch
- e. All of the above



Erosion – 30 points

Plants native to a specific area are best utilized in restorations along shorelines in that area because:

- a. They can withstand local weather conditions
- b. The root systems can help hold soil
- c. They are prettier than ornamentals
- d. May cost less than ornamentals
- e. Both a and b



Erosion – 40 points

Identify three water quality benefits when preventing soil erosion?



Protection Methods – 10 points

Biologs are made up of:

- a. Bundled corn husks
- b. Bundled wood fiber
- c. Bundled coconut fiber
- d. Bundled straw



Protection Methods – 20 points

_____ is a form of structural protection.

- a. Brush Mattress
- b. Live Fascine
- c. Vegetated Riprap
- d. Branch Packing



Protection Methods – 30 points

Bonus Question

True or False:

A permit is needed from the WDNR when placing rock riprap.



Protection Methods – 40 points

Toe erosion is defined as sloughing of soil at the base of a bank where water meets land.

Name two biological methods to prevent toe erosion.



Technical – 10 points

Geo-textile fabrics are used for:

- a. A filter behind rock riprap
- b. A soil separator
- c. A weed barrier
- d. All of the above
- e. None of the above



Technical – 20 points

True or False:

Sediment logs are made out of the same material as biologs.



Technical – 30 points

True or False:

Vegetated geogrids are 8 inch lifts of compacted soil wrapped in specified permanent geo-textiles with plantings placed in between each layer.



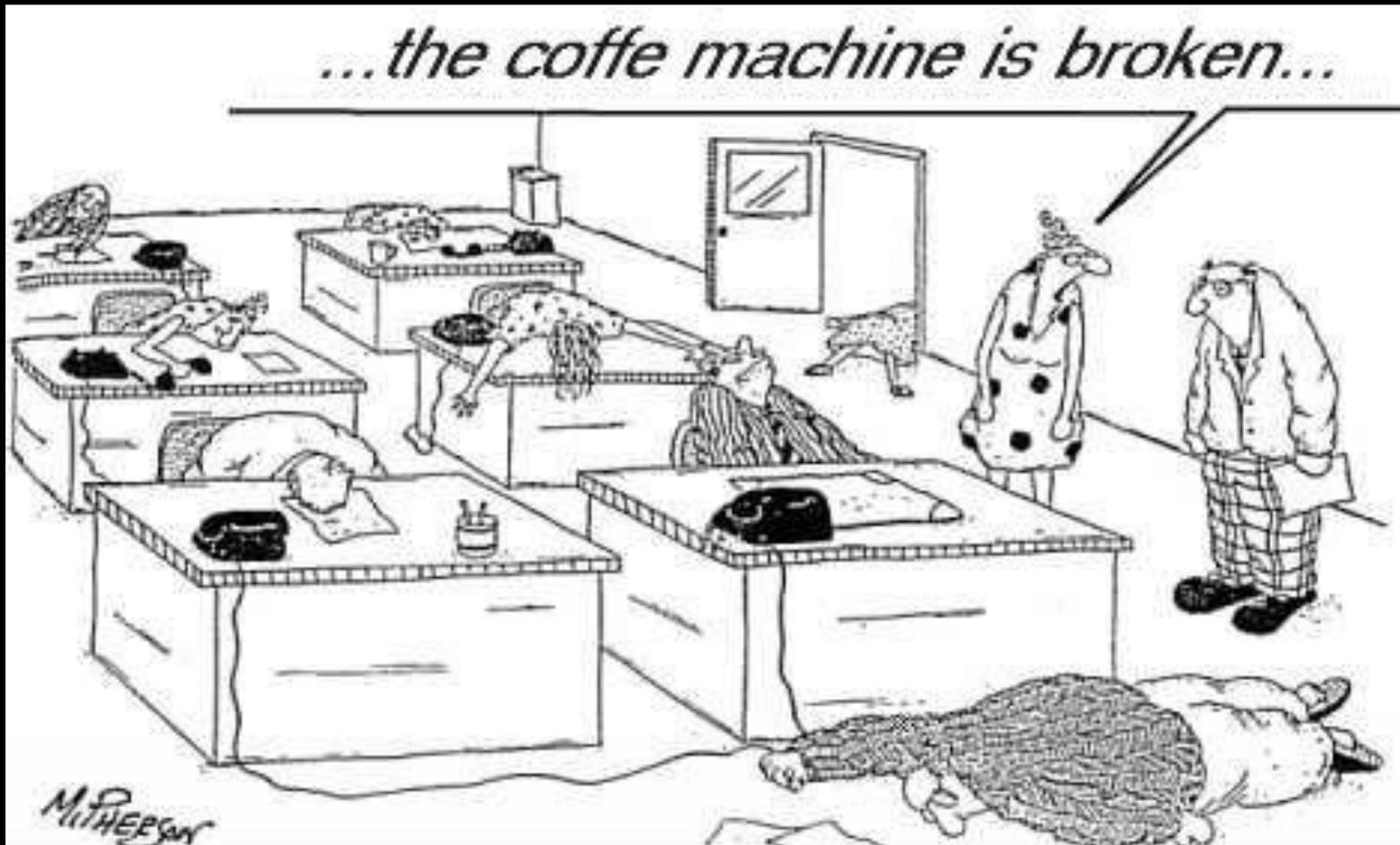
Technical – 40 points

How do you calculate the area of a cylinder?

- a. $\pi(\text{radius})^2$
- b. $\frac{1}{2}$ base X height
- c. Length X width
- d. $\pi(\text{radius})^2$ X height
- e. None of the above



Comic Relief – 0 points



Comic Relief – 0 points

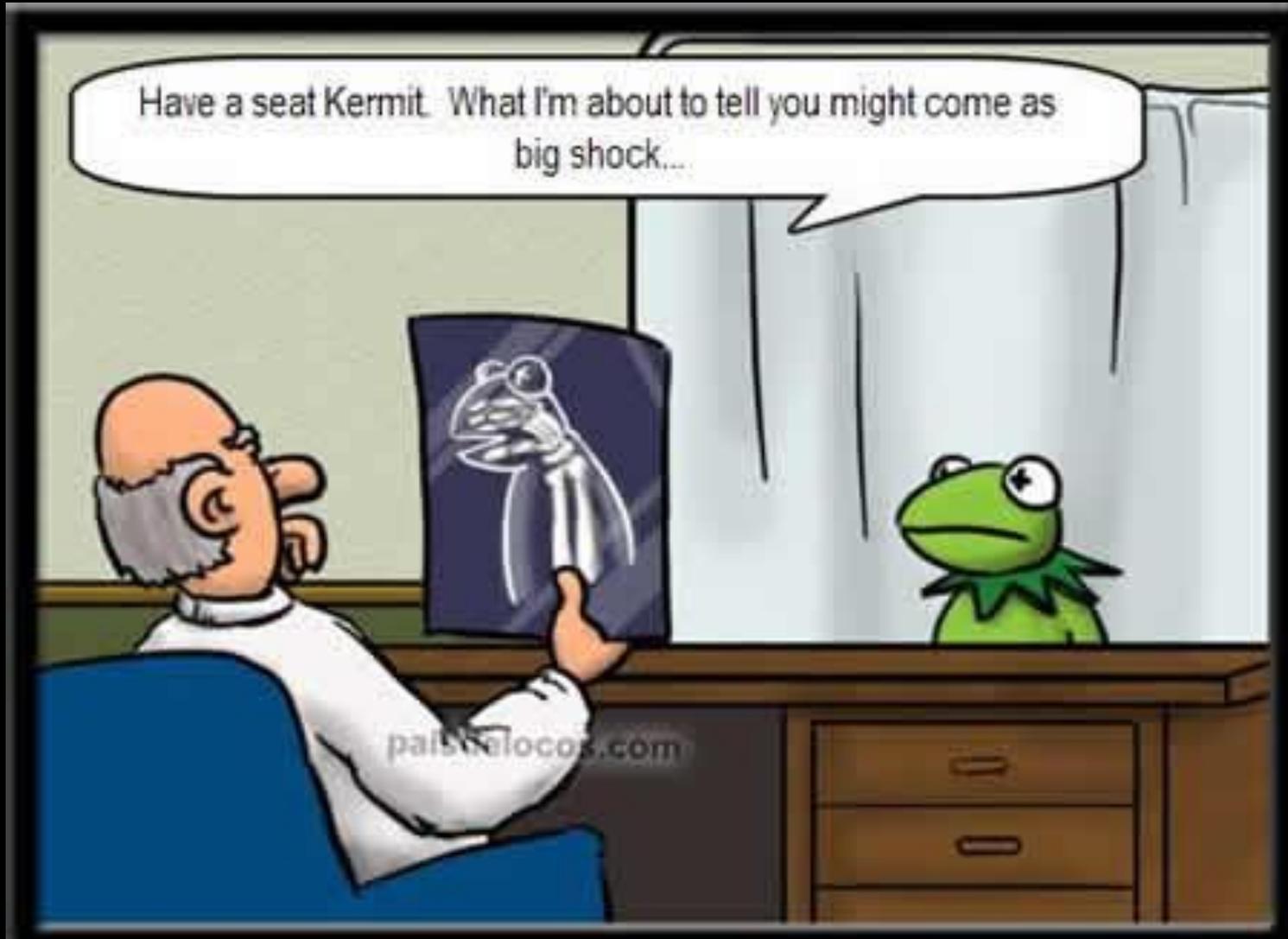
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by Mark Parisi

www.offthemark.com



Comic Relief – 0 points



Comic Relief – 0 points

Life...
Summed up in 4 bottles

