

Q 1) The irrigation method where only one fifth to one half of the land surface is wetted by water resulting in less evaporation and less puddling of soil is called.

- a) Border irrigation method**
- b) Basin flooding**
- c) Sprinkler irrigation method**
- d) Furrow irrigation method**

Q 2) The method of growing crop on running on the sides of water ditches used in certain agricultural field is called as?

- a) Drip irrigation**
- b) Flood irrigation**
- c) Furrow irrigation**
- d) Check irrigation**

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Q 3) Which of the following statements is/are not among the major limitations of sprinkler irrigation?

- 1. Strong wind disturbs the sprinkling**
- 2. It required heavy investment.**
- 3. It minimizes the erosion of the soil.**

a) Only B

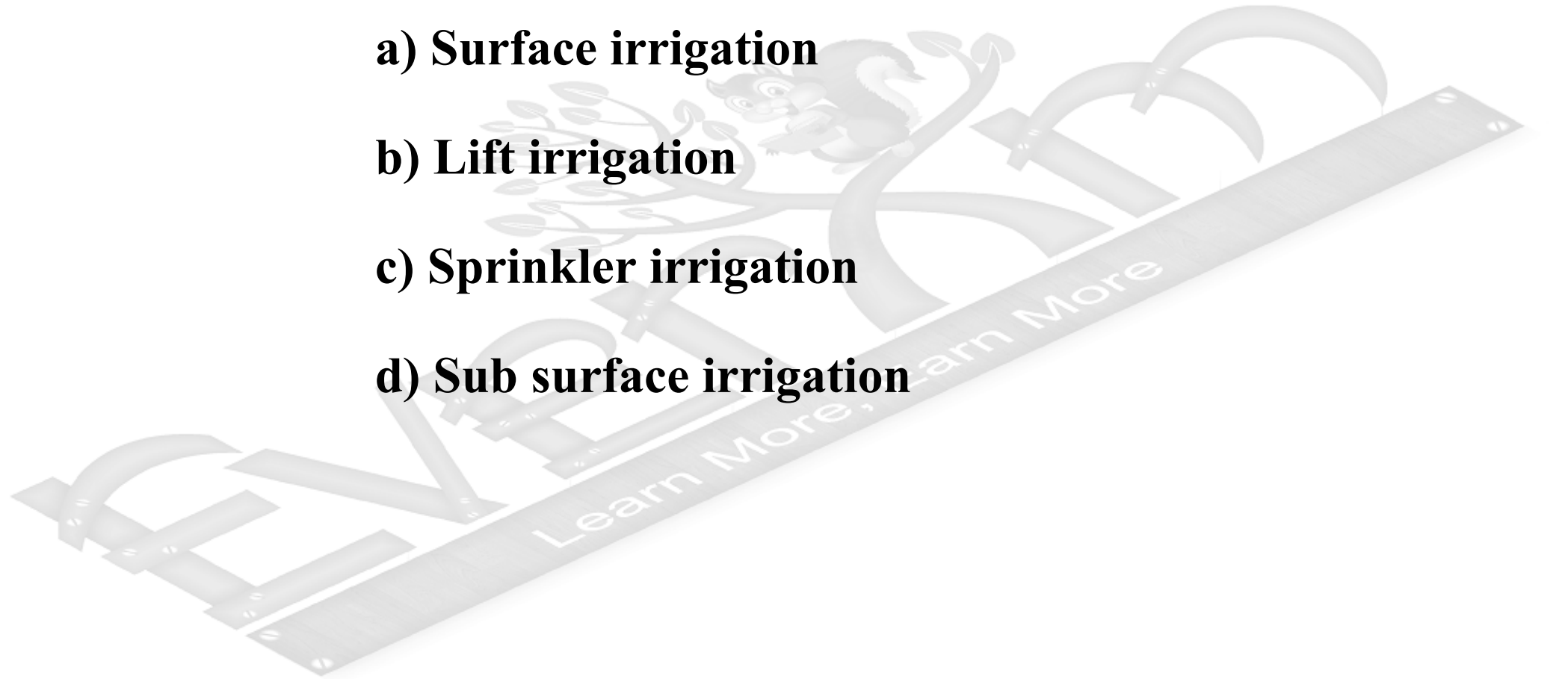
b) A,B and C

c) Only C

d) Only D

Q 4) Which of the following has the maximum water application efficiency?

- a) Surface irrigation
- b) Lift irrigation
- c) Sprinkler irrigation
- d) Sub surface irrigation



Q 5) When crops are grown on ridge, running on the sides of the ditches, then the kind of irrigation adopted is called as.

Or

For crops like potato and sugar beats, the commonly adopted method of surface irrigation is

- a) Drip**
- b) Flood**
- c) Furrow**
- d) Check**

Q 6) Name the method of irrigation which does not come under control flooding.

- a) Wild flooding**
- b) Free flooding**
- c) Basin flooding**
- d) Borders Strips flooding**

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Q 7) In which method the field is divided into a number of long parallel strips?

- a) Border flooding irrigation**
- b) Furrow irrigation**
- c) Free flooding irrigation**
- d) Check flooding irrigation**

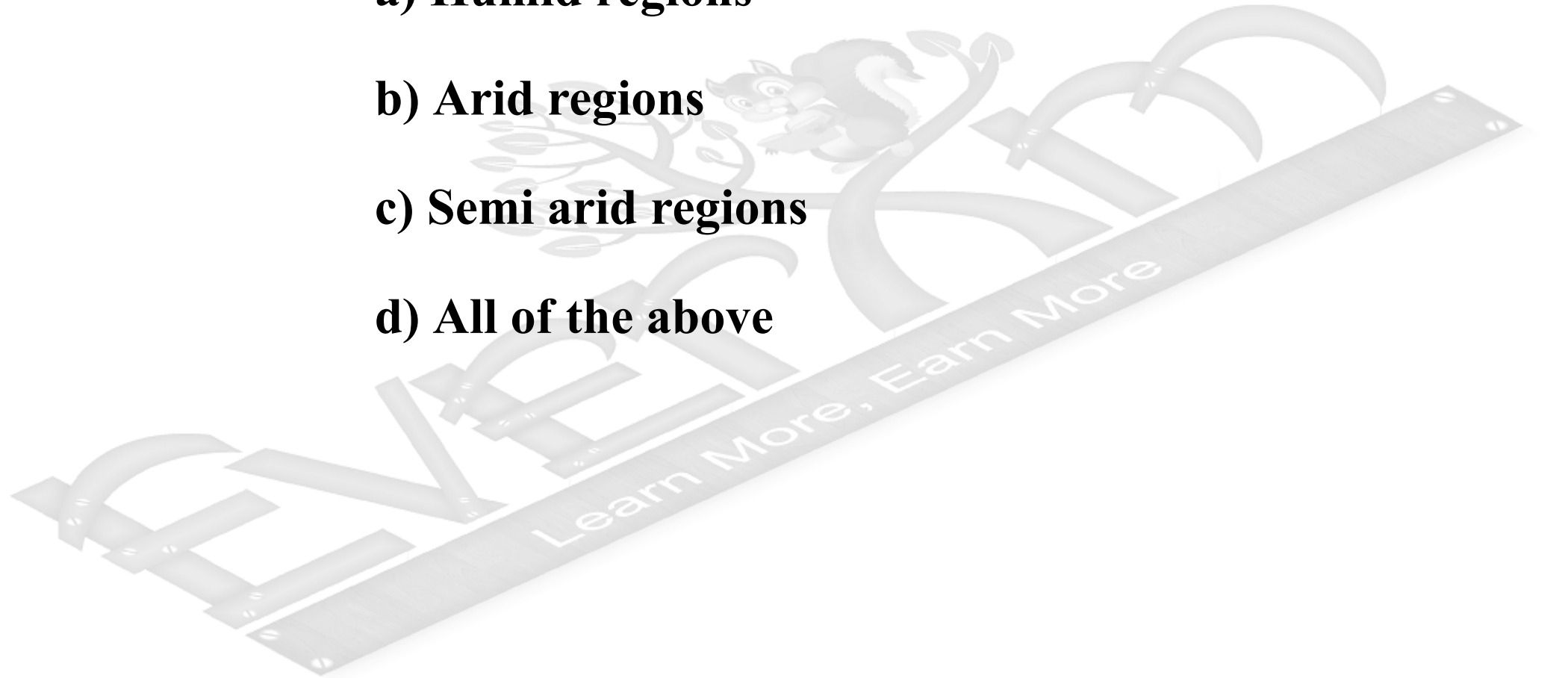


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Q 8) Irrigation is basically required in.

- a) Humid regions**
- b) Arid regions**
- c) Semi arid regions**
- d) All of the above**



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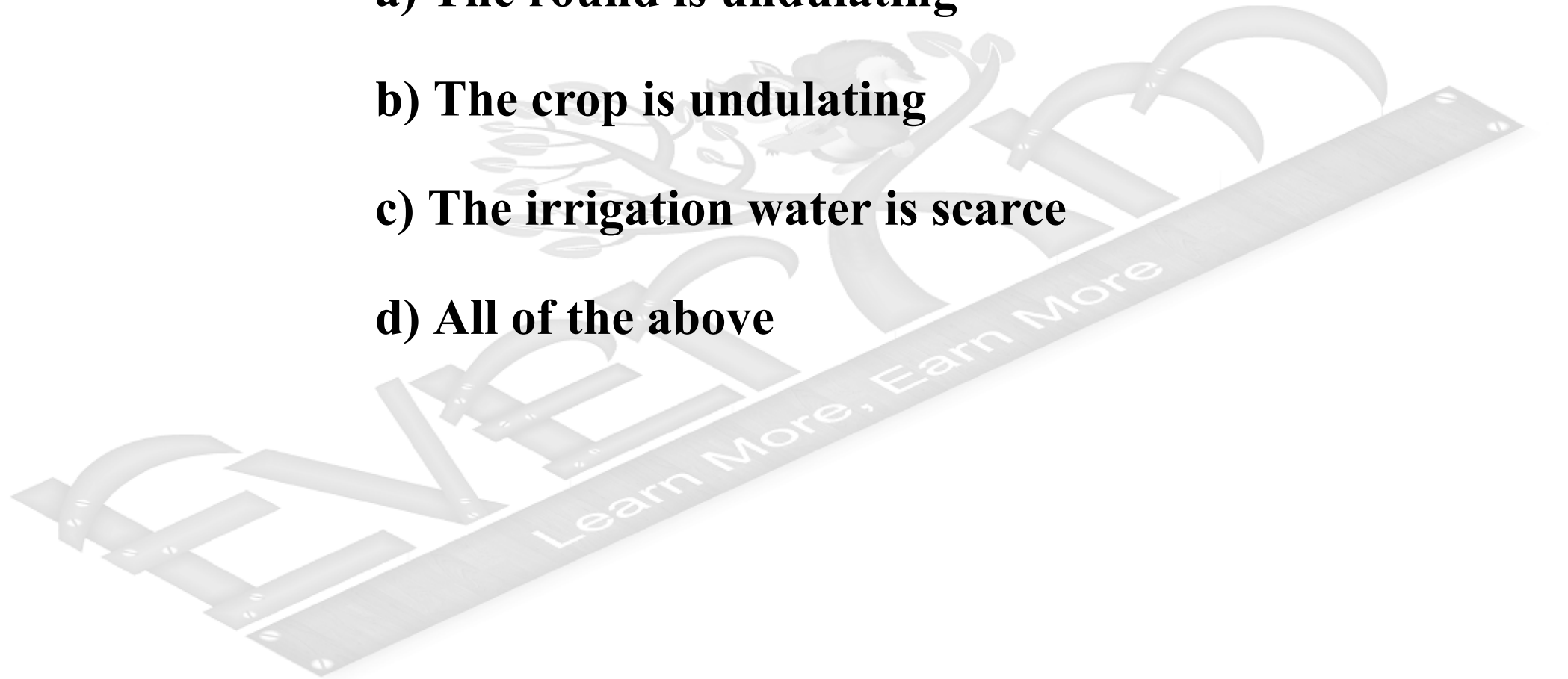
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Q 9) Sprinkler irrigation is preferred when.

- a) The round is undulating**
- b) The crop is undulating**
- c) The irrigation water is scarce**
- d) All of the above**



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Q 10) Which of the following methods of irrigation has minimum wastage of water?

- a) Furrow irrigation**
- b) Check basin irrigation**
- c) Sprinkler irrigation**
- d) Border method of irrigation**

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Q 11) What percent of agricultural land is reliably irrigation in India as per 2010 World Bank data?

a) 65

b) 55

c) 75

d) 35



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Q 12) For standing crops in undulating sandy fields, the suitable method of irrigation is

Or

Which of the following irrigation technique is preferred where area has a irrigation topography with excessive slope?

- a) Sprinkler irrigation**
- b) Free flooding**
- c) Chak method**
- d) Furrow method**

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Q 13) For cereal crops, the commonly adopted method of irrigation is

a) Free Flowing method

b) Check method

c) Furrow method

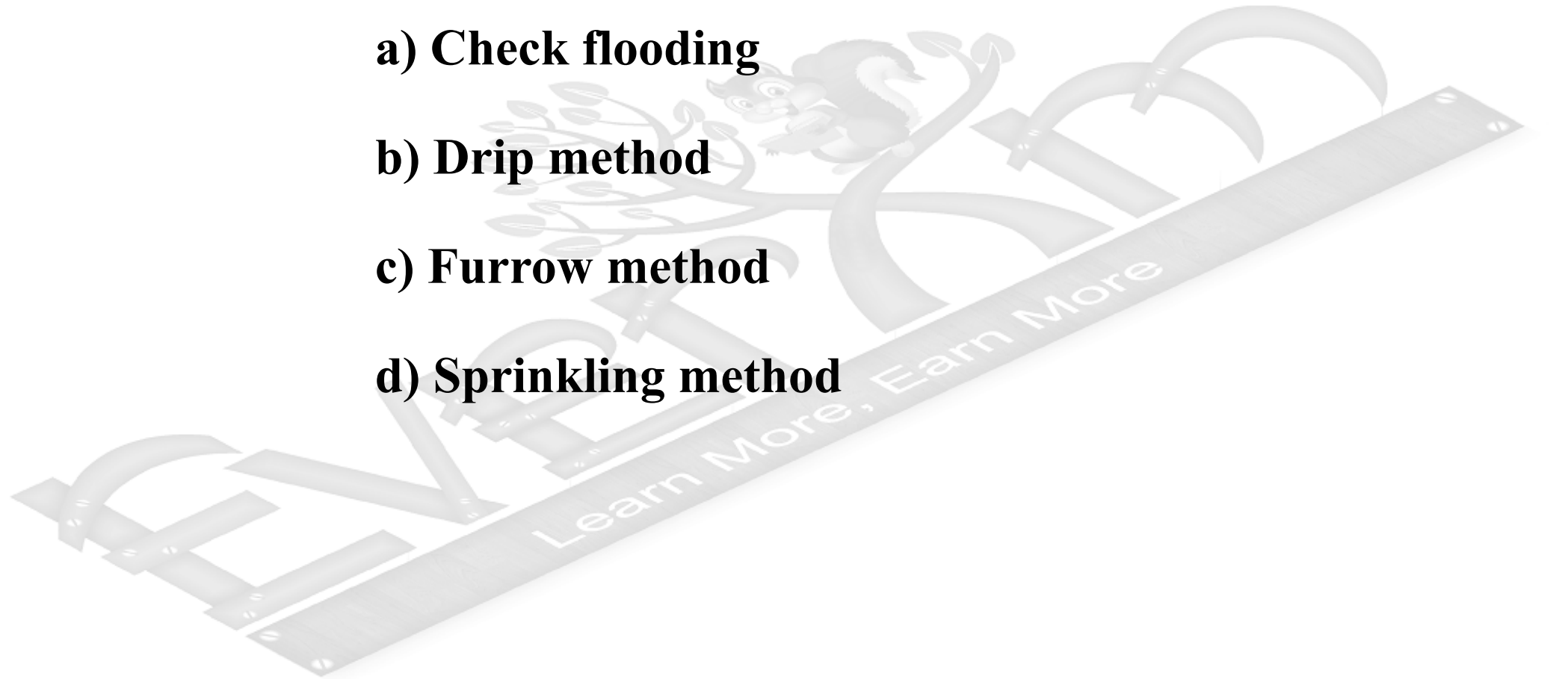
d) Sprinkling method

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Q 14) Method of applying water directly to the root zone of the plant is called _____.

- a) Check flooding**
- b) Drip method**
- c) Furrow method**
- d) Sprinkling method**



Q 15) Which of the following process includes spreading of an external material on the soils to increase infiltration and reduce evaporation?

- a) Mulching**
- b) Paleo irrigation**
- c) Ploughing**
- d) Tillage**



Q 16) Which of the following statement is correct for sprinkler irrigation method?

- a) It is used for the rice and jute**
- b) It is used for the soil has very low infiltration rate.**
- c) It is best suitable for very light soil**
- d) It requires borders and field channels**

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Q 17) With an increase in the supply of irrigation water, yields of the crops_____.

a) Decrease continuously

b) Increase continuously

c) Increase up to a certain limit and then becomes constant

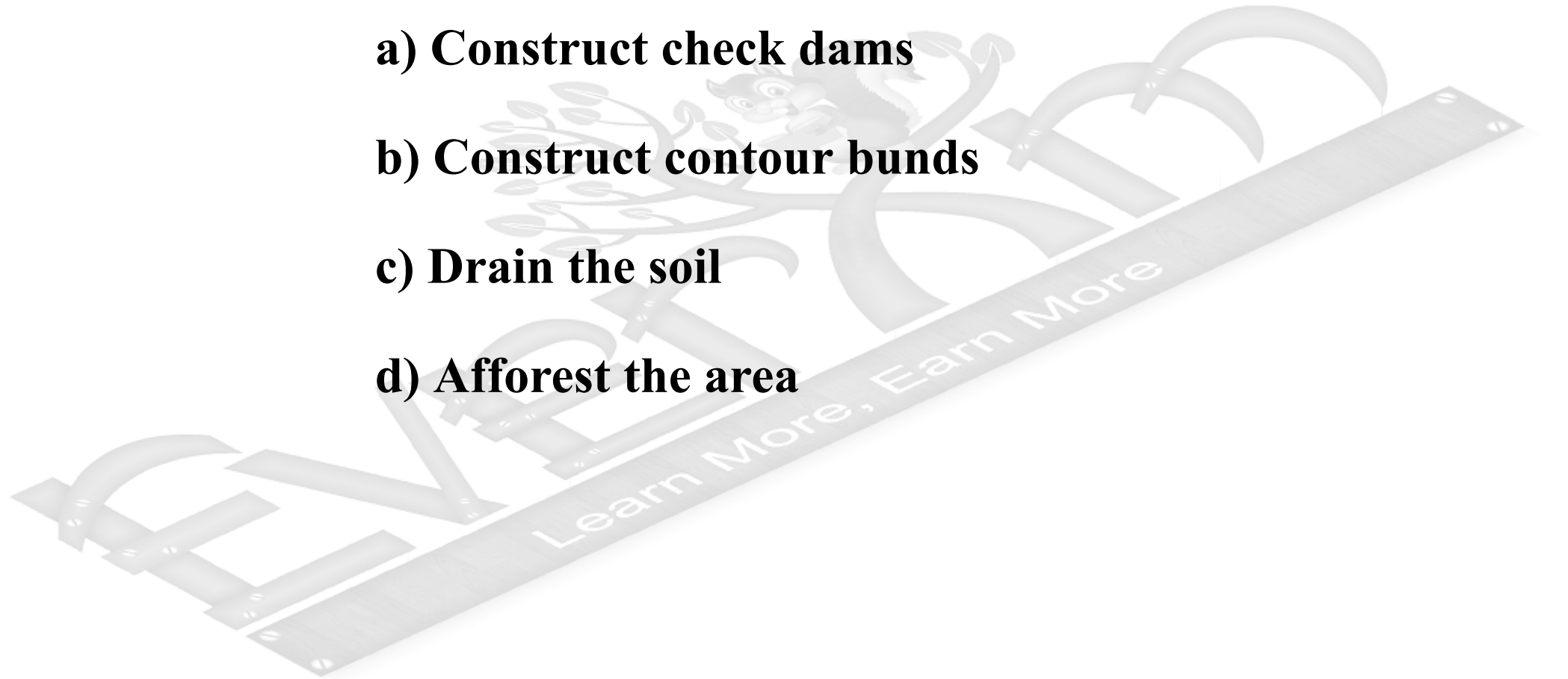
d) Increase upto a certain limit and then decreases

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Q 18) The most economical method of soil conservation is to

- a) Construct check dams**
- b) Construct contour bunds**
- c) Drain the soil**
- d) Afforest the area**



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**Q 19) Assertion (A): Sprinkler method of irrigation has a higher water application/ use efficiency.
Reason (R): Sprinkler system causes less interference in cultivation and other farming operations.(C)**



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Q 20) Assertion (A): In the border strip method of irrigation, the size of the strip depends on soil characteristics, slope of the land and discharge.

Reason (R): Border strip method is a Controlled type of subsurface irrigation method(C)



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Q 21) Statement (I): Duty of drip irrigation is very high

Statement (II) Losses are least in drip Irrigation (A)



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Q 22) Consider the following statements in connection with soil-water-crop relationship

1. Water utilization by plants is mainly from capillary water
2. The amount of irrigation water required to meet the evapotranspiration needs of the crop during its full growth duration is its Consumptive irrigation requirement.
3. The depth of water required to bring the soil-moisture level of a given soil up to its field capacity is called hygroscopic water
4. With continuous increase in quantity of water applied, the yield of most crops increases up to a certain limit and then is expected to be constant.

Which of the above statements are correct?

a) 1 and 2 only

b) 3 and 4 only

c) 2 and 3 only

d) 1 and 4 only

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Q 23) The conjunctive use of water in a basin means.

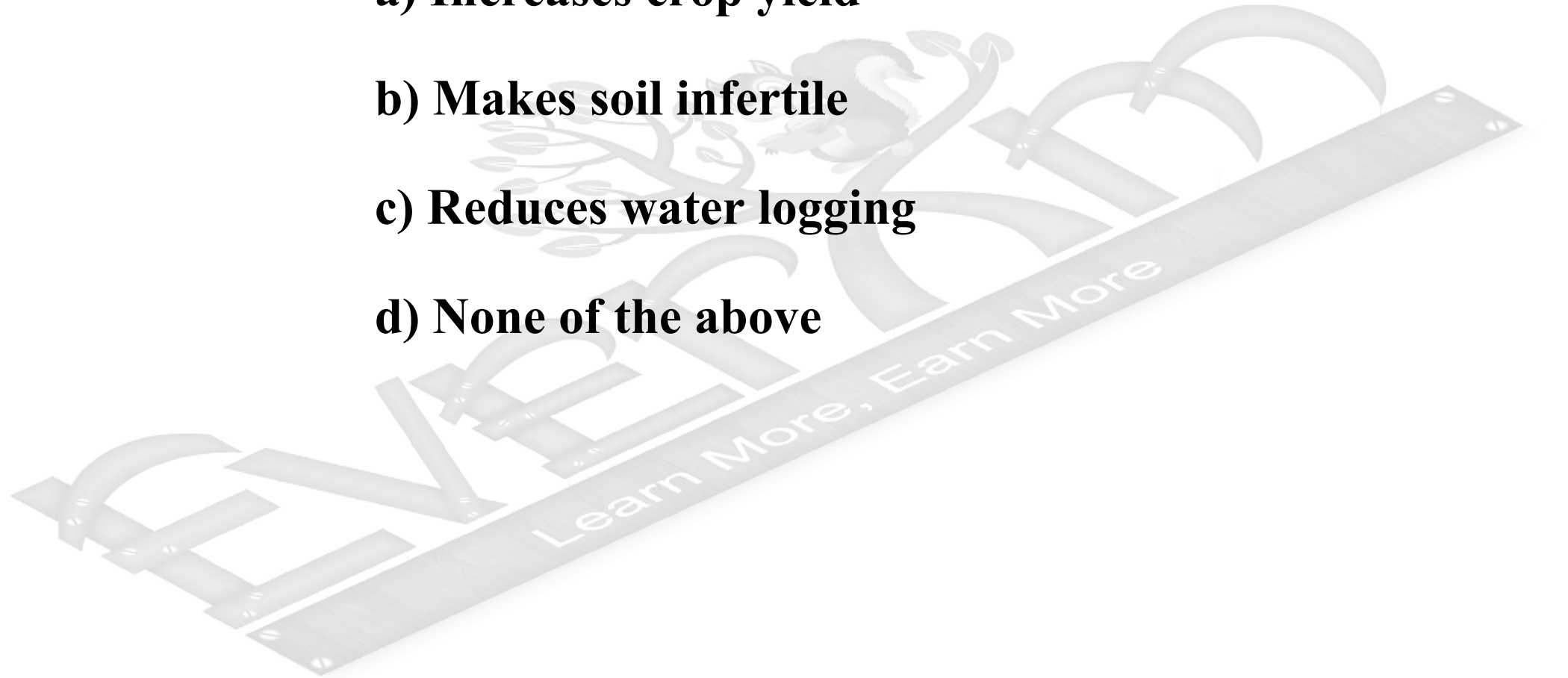
- a) Combined use of water for irrigation and hydropower generation**
- b) Use of water by farmer's cooperative depth of drain below the ground surface**
- c) Use of water for irrigating both Rabi and Kharif crops**
- d) Combined use of surface and ground water resources**

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Q 24) Salinity in soils.

- a) Increases crop yield**
- b) Makes soil infertile**
- c) Reduces water logging**
- d) None of the above**



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Q 25) Non consumptive use of water is in

a) Hydro power generation

b) City water supply

c) Fire fighting

d) All of the above

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Q 26) The moisture content of the soil, after free drainage has removed most of the gravity water, is called

- a) Available moisture**
- b) Saturation capacity**
- c) Field capacity**
- d) Gravity water**

Q 27) The fertility of soil starts getting badly impacted when pH of soil exceeds:

Or

The soil becomes practically infertile when its pH value is about

- a) 13**
- b) 10**
- c) 11**
- d) 9**

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Q 28) The quantity of sulphates (PPM) contained in good irrigation water is

- a) 0-192**
- b) 195-480**
- c) >480**
- d) All the above**

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Q 29) The consumptive use coefficient for crops like wheat, barley, flax and other small is approximately:

- a) 0.6**
- b) 0.66**
- c) 0.9**
- d) 1.1**



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Q 30) Evapotranspiration in crop field surrounded by dry fallow land will be higher than that surrounded by vegetation due:

- a) Conduction of heat**
- b) Oasis effect**
- c) Clothesline effect**
- d) Convection effect**

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