Agriculture, Soil, and Water Management in India

Agriculture · Answer Key · 15 Questions

1. What percentage of India's population is closely connected to the land for livelihood?

A) 16%
B) 45%
C) 70%
D) 30%

2. Which ancient text provides recommendations on seed preparation and soil cultivation?

A) Arthashastra
B) Vedas
C) Vrikshayurveda
D) Sangam literature

3. Which monsoon provides over 70% of India's annual rainfall?

A) North-East monsoon
B) South-West monsoon
C) Retreating monsoon
D) Arabian Sea branch

4. Which crop season is associated with the winter months of October to November?

A) Kharif
B) Zaid
C) Rabi
D) Monsoon

5. Which type of soil is formed by the weathering of volcanic rocks and is known for holding moisture?

A) Alluvial soil
B) Red soil
C) Black soil
D) Laterite soil

6. What is the primary reason for the red color of Red soil?

A) High humus content
B) Presence of iron oxide
C) Volcanic ash
D) Heavy rainfall

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7. What is the main advantage of terracing on slopes?

A) Increased crop variety
B) Reduced soil erosion
C) Higher sunlight exposure
D) Easier harvesting

8. Which mixture consists of five cow products used as a bio-fertilizer?

A) Beejamrit
B) Neem-based pesticide
C) Panchagavya
D) Compost

9. What is the primary purpose of mulching?

A) Increasing soil fertility
B) Covering topsoil to protect it
C) Killing weeds
D) Improving irrigation

10. Which state is recognized as the world's first 100% organic state?

A) Kerala
B) Punjab
C) Sikkim
D) Maharashtra

11. What is the main limitation of modern hybrid seeds mentioned in the text?

A) They require too much water
B) They cannot be saved for future planting
C) They are not high-yielding
D) They are only for wheat

12. Who is known as the architect of the Green Revolution in India?

A) Kautilya
B) Surapala
C) M.S. Swaminathan
D) Mahatma Gandhi

13. What is the soil-less farming method using mineral-rich water called?

A) Terracing
B) Hydroponics
C) Intercropping
D) Afforestation

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14. Which irrigation system is traditionally used in Maharashtra?

A) Bamboo drip
B) Phad system
C) Sprinkler
D) Canal flooding

15. What is the primary objective of the Pradhan Mantri Fasal Bima Yojana?

A) Providing free seeds
B) Financial protection against crop loss
C) Subsidizing tractors
D) Promoting organic farming

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