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Agriculture and Rural Development Questions for NABARD Exam.

ARD Quiz 1

Direction: Study the following questions carefully and choose the right answer.

1. The National Commission on Farmers was set up under the chairmanship of Dr. MS Swaminathan in the year -

- A. 2005 B. 2006 C. 2007 D. 2009 E. 2004

2. The wheat production method that saves around 25-40 percent irrigation water is known as which among the following?

- A. RBDC B. FIRB C. DBMS D. DISB E. None of these

3. The most suitable temperature required for green gram is which among the following?

- A. 25-32 degrees Celsius B. 35-40 degrees Celsius C. 45-50 degrees Celsius
D. 15-20 degrees Celsius E. 20-23 degrees Celsius

4. Which among the following is a crop that can be cultivated in all the three farming seasons?

- A. Rice B. Wheat C. Watermelon D. Guava E. Sunflower

5. The system of combination of all the farm enterprises of a farmer is known as which among the following?

- A. Cropping pattern B. Cropping practice C. Farming system D. Farming practice E. None of these

6. Which among the following is the practice of growing the same crop on the same piece of land?

- A. Monoculture B. Polyculture C. Silviculture D. Organic farming E. None of these

7. Which among the following may be considered as an advantage of the Inter-Cropping System?

- A. It provides better control over weeds, pests and diseases
B. One crop can give physical support to another crop
C. It is beneficial for the small farmers especially
D. Both A and B
E. All A, B and C

8. Which among the following is known as the phenomenon of water making its first entry into the soil?

- A. Absorption B. Entrance C. Infiltration D. Diffusion E. None of these

9. Which among the following is a major disadvantage of the Sprinkler Irrigation?

- A. It cannot be initiated if the wind speed is very high
B. The initial costs of starting this type of irrigation are very high
C. Diseases spread in this type of irrigation in a faster rate
D. Both A and B
E. All A, B and C

10. What is the target age group under the Deen Dayal Upadhyaya Grameen Kaushalya Yojana?

- A. 15-35 years B. 25-35 years C. 18-25 years D. 25-30 years E. 15-25 years

Correct Answers:

1	2	3	4	5	6	7	8	9	10
E	B	A	E	C	A	E	C	E	A

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Explanations:

1. The National Commission on Farmers was established in 2004 under the chairmanship of the noted agriculture scientists, Dr. MS Swaminathan. The main objective of the organization is to address the problem of farmer suicides across the country. The NCF submitted four reports in December 2004, August 2005, December 2005 and April 2006. The committee mainly stressed on the need to achieve inclusive growth.

Hence, option E is correct.

2. The Furrow Irrigation Ridge-bed Method is the wheat production technique that saves around 25-40 percent of irrigation water while farming. Apart from irrigation water, better upland crop production is also possible in this method along with mechanical control of the weeds. The protein content in the crops can also be improved easily by the farmers while using this method.

Hence, option B is correct.

3. The production of green gram requires hot climate and the rainfall required for it is around 60-80 cm. The best suited temperature for the production of this crop is around 25-32 degrees Celsius. Green gram is known as the hardiest among all the pulses whereas it is practically a day neutral plant. This plant can tolerate drought to a great extent.

Hence, option A is correct.

4. Sunflower is a wide spectrum adaptable plant that can be grown in all the three farming seasons. This plant requires subtropical temperature. The best suited temperature required for this plant is 20-25 degrees Celsius whereas the rainfall required varies from 30-150 cm. Sunflower is practically a day neutral plant.

Hence, option E is correct.

5. An appropriate combination of the farm enterprises i.e. cropping system, livestock, poultry farming, fisheries and the means available to the farmer to raise the same is known as farming system. This is done by the farmers in order to support various different needs of the farmers and also to increase the profitability.

Hence, option C is correct.

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- 6.** Monoculture is known as the practice of growing the same crop on the same piece of land. It can be a crop, plant, livestock species etc. Polyculture, on the other hand, is alternate to monoculture since more than one crop is cultivated on the same piece of land. Monoculture is used extensively in industrial farming and organic farming and it has also caused increased efficiency in planting and harvesting.

Hence, option A is correct.

- 7.** Inter cropping refers to the practice of growing two or more crops simultaneously in the alternate rows or otherwise in the same area where there is enough inter-crop competition. The advantages of inter-cropping system are:

Greater stability of yields season after season

Better usage of the growth resources.

Better control over pests, weeds and diseases

One crop will give physical support to the other crops

Small farmers are mainly benefitted from this practice since they have limited means.

Erosion control through continuously providing leaf cover over the ground surface

Hence, option E is correct.

- 8.** Infiltration is defined as the first entry of water into the surface of the soil. In this process, water enters into the inner layers of soil from the upper layers. It takes place in case of unsaturated soil mainly. Infiltration rate is defined as the ability of the soil to absorb rainfall and irrigation water. This rate decreases as soon as the soil starts becoming saturated.

Hence, option C is correct.

- 9.** Sprinkler Irrigation is defined as the spraying of water as rain over the crop. However this method of irrigation has a lot of drawbacks such as:

This type of irrigation is not effective if the wind speed is very high.

Higher costs of initiation of this type of irrigation

High level of energy is required

Diseases are spread faster in case of this type of irrigation

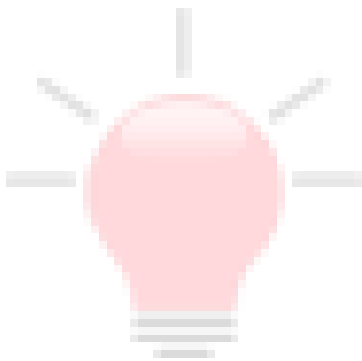
Cannot be used for rice and jute crops

Hence, option E is correct.

- 10.** The Deen Dayal Upadhyaya Grameen Kaushalya Yojana was launched in 2014 in order to provide more avenues of income to the rural poor families and also the youths of the rural areas. The Gram Panchayat will play an important role in this process since they will be organizing job fairs and will also create awareness among the youths regarding new career opportunities. Especially the youths under the age group of 15-35 years will be targeted from the poor families of the rural areas under this scheme.

Hence, option A is correct.

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