

# Choose your topic

## Agricultural economics and extension

1. The tuki system of extension came into being first in 1977.
2. When is the National cooperative day is observed ? April 2nd.
3. In rural appraising, an extension worker takes a walk through the village area with farmers as guides. What is it called ? Transact.
4. When was the "Village return" campaign was implemented ? 2024 BS.
5. In an agricultural production scenario of production relationship between input and output, when marginal product is negative total product is decreasing.
6. National Farmers' Commission is a government body that was commissioned in 2073.
7. Father of Modern Economics is John Maynard Keynes. (At most 2 letter mistake in spelling is allowed)
8. National Biodiversity Strategy came into being in 2059.
9. Since when did IPM approach initiate in Nepal? 1997.
10. When was the National Agriculture Policy implemented ? 2061 BS.
11. OVOP programme first designated Olive cultivation for which district ? Bajhang.

## Plant pathology and protection

1. Father of Modern pathology is Anton de Bary.
2. Which pathogen is responsible for the "Bengal famine" ? Helminthosporium oryzae.
3. What kingdom does Cochliobolus belongs to ? Fungi.
4. What is the active ingredient of Dithane M-45 ? Mancozeb.
5. Early blight of potato is due to which pathogen ? Alternaria solanii.
6. What causes blue mold of citrus. Penicillium expansum.
7. Which group of fruit shows oleocellosis disorder ? Citrus.
8. What causes greening in potato ? Solanine.
9. Which disease is responsible for Irish famine ? Late blight of potato.
10. What does a fungus cell not contain ? Chlorophyll.

## Entomology

1. What nutrition does honey mostly contain ? Carbohydrate.
2. What order does Weevils belongs ? Coleoptera.
3. Lasso is the trade name of which pesticide chemical ? Alachlor.
4. Pitfall trap is used for what purpose ? Monitoring of soil dwelling insects
5. Head of insect is made of how many segments ? 4.
6. The hard plates on upper layer of grasshopper body are called as Sclerites.
7. Name any two insect order that has no wings ? Thysanura, Diplura and Collembola.
8. Which stage in the life cycle of the grain moth is most harmful ? Caterpillar.
9. What is the full form of RBPR ? Rapid Bioassay of Pesticide Residue.
10. Waiting period of Copper Oxchloride pesticide is 21 days.

## Horticulture

1. Which district is declared as the apple superzone by PMAMP ? Jumla.
2. Fruit type of citrus is called Hesperidium.
3. The origin of Walnut is Iran.
4. Citrus greening first appeared in Nepal in 2022 BS.
5. Which country first brought into use the Bordeaux mixture ? France.
6. Which crop is known as King of Spices ? Black Pepper.
7. When did TPS (True Potato Seed) propagation started in Nepal ? 2042 BS.
8. Which group of bacteria causes is responsible for citrus greening in Nepal ? Liberobacter asiaticus.
9. What is seasonal flowering of gauva in Feb-March called ? Ambe bahar.
10. Cricket ball is the variety of which fruit ? Sapota.

## Agronomy, genetics and plant breeding

1. From which country did SRI technology originate ? Madagascar.
2. Which crop is called the grain of poverty ? Rye.
3. Combined enterprise of coconut, banana and pineapple is an example of Multistorey cropping.
4. Yellow revolution is related to Mustard.
5. Headquarters of ICRISAT is located in Hyderabad, India.
6. What is the background color of tag of foundation seed ? White.
7. "Big boss" is the denotified variety of Maize.
8. What are the alleles determining sex in papaya crop ? M1, M2, m.
9. Which year was celebrated as International Year of Potato ? 2008.
10. Growing of short duration crop between two main crops is called Catch crop.
11. Which crop is known as "Queen of Oilseeds" ? Sesame.
12. Average sugar content in sugarcane crop is 10-15%.
13. Which amino acid is lacking in maize crop ? Lysine and Tryptophan.
14. What is the required isolation distance of Maize for foundation seed production ? 300 m.

## Agricultural engineering and soil science

1. When was the Sloping Agriculture Land Technology (SALT) introduced in Nepal ? 1992 AD.
2. White bud of maize is caused due to deficiency of ? Zinc.
3. What is the uppermost layer of soil profile called ? O layer.
4. Presence of which mineral in rice gives the characteristic of tolerance to flooded condition ? Silica.
5. What is the percentage nitrogen content of a Complex fertilizer ? 20%.
6. Hollow heart in peanut is due to deficiency of which micro-nutrient ? Boron.
7. Azotobacter is a nitrogen fixing bacteria found in soil. What form does the bacteria convert atmospheric nitrogen into in order to make it available for plants ? Ammonium.
8. What type of clay is Montmorillonite ?  
Phyllosilicate (Smectite, dioctahedral type). Chemically, it is hydrated sodium calcium aluminium m

9. Which year was called the year of soil ? **2015**.
10. What is the full form of OPC in the cement ? **Ordinary Portland Cement**.
11. What is pyranometer used for ? **For measuring solar radiation flux density or solar irradiance**.
12. Which instrument is used to measure the suction pressure of plant roots ? **Tensiometer**.

## **Animal sciences and industrial agriculture**

1. "Boyar" goat originated in **South America**.
2. Which grass accumulates the maximum soil nitrogen ? **Desmodium**.
3. According to Food regulation of Nepal, what is the minimum amount of SNF content in the milk required for milk to be considered appropriate for sales ? **7.5%**.
4. Who is the person to first import the improved breed of cattle in Nepal ? **Junga Bahadur Rana**.
5. Ebola virus first appeared in which country ? **Congo**.
6. First hatchery of Nepal was established in which district ? **Bara, 2017; Parwanipur**.
7. What is the optimum amount of Dissolved Oxygen in a fish pond ? **5-7 mg per ltr**.
8. What is the desirable pH for storage of semen ? **6.4-6.8**.
9. Which crop contains the most lipid among cereals ? **Oat**.
10. What is the best breeding method for poultry ? **Mass mating**.
11. What is the gestation period of pig ? **114 days**.