

Rapid fire

Instructions

1. There will be a total of 10 questions for a team to be answered within a 2 minutes time period.
2. Questions will be homogenous and of similar lengths.
3. There will be no deduction of score for getting answer incorrectly.
4. Each question carries 10 marks. Hence the maximum score a team can secure in this round is 100.

Questions

Set 1

1. What is the name of longest river of Nepal ? **Karnali**.
2. In which country is the southernmost city of the world, except Antarctica, located ? **Chile**.
3. "Baraha Kshetra" is in which district of Nepal ? **Sunsari**.
4. What imparts the characteristic yellow coloration of Ginger ? **Curcumin**.
5. The cooperative movement was first started in which country ? **England**.
6. The country of origin of soybean is ? **China**.
7. One acre is equivalent to how much hectares ? **0.404**.
8. What is the seed rate for tobacco ? **2-3 kg per ha**.
9. Dew, mist, rain and fog, all occur in which layer of atmosphere ? **Trophosphere**.
10. Entry of water from air to soil is called **Infiltration**.

Set 2

1. What is the largest freshwater lake of the world ? **Lake superior**.
2. As of most recent survey, how many agriculture cooperatives are there currently in Nepal? **9965**.
3. What is the process of delivering artificial heating condition for the hatching of egg called ? **Incubation**.
4. What is the scientific name of Danphe ? **Lophophorus impejanus**.
5. Removal of terminal bud in tobacco is called **Topping**.
6. The distress occurring due to lack of dissolved oxygen in pond is called **Asphyxiation**.
7. Hybrid vigor was suggested by **GH Shull**.
8. Pyrilla is a major insect of which crop ? **Sugarcane**.
9. Onion belongs to the family ? **Amaryllidaceae**.
10. Hexagonal method of orchard layout accomodates how many percentage more seedlings than square method ? **15%**.

Set 3

1. "Seto Dharati" nobel was written by which nobelist ? Amar Neupane.
2. What is the electricity production capacity of "Large" hydroelectricity projects in Nepal ? 100-1000 Mega Watt.
3. Who is also known as "Father of Mutation" ? Hugo de Vries.
4. When was structure of DNA explained first ? 1953.
5. Optimum temperature for growth and development of rainbow trout is 16-18 degree Centigrade.
6. Canopy temperature is measured by Infra-red thermometer.
7. The species of rhizobium contained in root nodules of the soybean is Bradyrhizobium japonicum.
8. Carbohydrate content in potato is 70%.
9. Give the name of any chemical that is used for hairy caterpillar. Dimethoate, Chlorpyrifos.
10. Chiasmata formation occurs during which stage of prophase Diplophase.

Set 4

1. What is the name of national park nearest to Kathmandu ? Shivapuri National Park.
2. COP organized in 2019 at Santiago, Chile was of which rank ? 25th.
3. What is "Agenda-21" related to ? Environment and Development.
4. There are more than 1500 species of Fungi in Nepal (True or False). True.
5. Meiosis was first observed by Farmer and Moore.
6. Where did cabbage originate ? West europe.
7. What is LSD drug obtained from fungus used as ? Stimulant.
8. Translation is the process of Protein synthesis.
9. Black tip of mango is caused by Smokes from brick klin.
10. Fungi is better suited to alkaline pH condition. True or False. False.

Set 5

1. What is the process of digestion of cell by another cell called ? Phagocytosis.
2. In which year was Nepal Red Cross society first established ? 2020 BS.
3. ECG is an instrument used in diagnosis of which human organ ? Heart.
4. What is the full form of OLED in Television technology ? Organic Light Emitting Diode.
5. Which chemical is used in the induction of polyploidy ? Colchicine.
6. What is the scientific name of Bitter gourd ? Momordica charantia.
7. Yeast doesn't produce mycelium ? True or False True.
8. mRNA codon for synthesis of methionine is AUG.
9. Silkworm's best source of food is Mulberry crop.
10. Corona virus is assumed to have transmitted to humans from which organism ? Bat.