

# General Knowledge: Agriculture

---

## General Knowledge Multiple Choice: Agriculture (Set 1)

- Q1. Which of the following agricultural produce is not identified as a potential export commodity for Nepal ?
- A. tea
  - B. organic honey
  - C. chayote
  - D. cardamom
- Q2. Scattered diagram is used to see:
- A. Correlation
  - B. Mean
  - C. Variance
  - D. Range
- Q3. Linkage between agro-industries and farmers is constrained by:
- A. Scattered production pocket
  - B. Small scale production
  - C. Lack of grading and standardization
  - D. All of above
- Q4. In the year 2010/11, the percentage contribution of agriculture, forestry and fishery sectors on GDP was estimated at about:
- A. 28%
  - B. 36%
  - C. 46%
  - D. 56%
- Q5. Zero tillage technology is mainly practiced in:
- A. Wheat
  - B. Rice
  - C. Maize
  - D. Lentil
- Q6. Altering genetic make-up of plants by the low temperature is called:
- A. Vernalization
  - B. Freezing
  - C. Thawing
  - D. Hydrolisation
- Q7. In-situ conservation refers to the conservation of germplasm under:

- A. Indoor lab condition
- B. Gene bank
- C. Natural conditions
- D. Soil surface

Q8. *Phalaris minor* weed is a major weed of:

- A. Maize
- B. Wheat
- C. Rice
- D. Chickpea

Q9. Replication is essential to reduce:

- A. Degree of freedom
- B. Coefficient of variation
- C. Significance level
- D. Experimental error

Q10. Among the several agricultural commodities which of the following crop is the most important in terms of nationally exported commodities?

- A. Ginger
- B. Lentil
- C. Sugarcane
- D. Tea

Q11. Area under jute cultivation is highest in:

- A. Jhapa
- B. Morang
- C. Saptari
- D. Kailali

Q12. Seed priming is done to:

- A. Dry seed
- B. Seed wetting
- C. Increase germinability
- D. Sorting seeds

Q13. The type of layout that accomodates the highest number of fruit plants (saplings) is:

- A. Rectangular
- B. Square
- C. Hexagonal
- D. Contour

Q 14. Rooting stimulant plant growth regulator is:

- A. Gibberelin
- B. Kinin
- C. Ethylene
- D. Auxin

Q 15. The original habitat of Arabica coffee is:

- A. Argentina
- B. Peru
- C. Ethiopia
- D. Brazil

Q 16. The pineapple is propagated through \_\_\_\_\_

- A. Sexual method
- B. Asexual method
- C. Succers
- D. All of above

Q 17. The appropriate type of layout for establishing an orchard of fruit in a slopy land is:

- A. Rectangular
- B. Square
- C. Hexagonal
- D. Contour

Q 18. Apple stored in \_\_\_\_\_ region is stored for longest.

- A. Mid hills
- B. High hills
- C. Terai
- D. All of above

Q 19. The example of ex-situ conservation of plant genetic resources is:

- A. Botanical garden
- B. Field gene bank
- C. Data bank
- D. All of above

Q 20. Panel on climate forecasted that the atmospheric temperatures will rise by 1.8-4.0 degree Celcius globally by:

- A. 2080 AD
- B. 2090 AD
- C. 2100 AD

D. 2110 AD

Q 21. Which division (Mahasakha) is responsible for planning and implementing Agriculture, environment and agro-biodiversity related programs?

- A. Planning division
- B. Monitoring and evaluation division
- C. Gender equity and environment division
- D. Agribusiness promotion and statistics division

Q 22. Which type of erosion is the most hazardous ?

- A. Rill erosion
- B. Gully erosion
- C. Sheet erosion
- D. All of above

Q 23. When the prospective yields are discounted by the marginal efficiencies of capital, the product value is equal to:

- A. The demand price
- B. Rate of profitability
- C. Supply price of assets
- D. Marginal productivity of capital

Q 24. An increase in the general price level of an economy is called:

- A. Inflation
- B. Deflation
- C. Depression
- D. None

Q 25. Which of the following interprets perfect negative correlation between two variables ?

- A.  $r = \pm 1$
- B.  $r = +1$
- C.  $r = -1$
- D.  $r = 0$

Q 26. "One village one product" program has been conducted for fish in:

- A. Saptari
- B. Dhanusha
- C. Bara
- D. Rupandehi

Q 27. Which of the following is not a type of sprayer ?

- A. Hand compression sprayer

- B. Power sprayer
- C. Blow sprayer
- D. Trigger sprayer

Q 28. Production decrease due to weeds in different crops is:

- A. 10%
- B. 15%
- C. 20%
- D. 25%

Q 29. Broomrapes are:

- A. Root parasite
- B. Shoot parasite
- C. Fruit parasite
- D. Leaf parasite

Q 30. Silk production in developed countries has been slowly coming down, mainly due to:

- A. Decreased global demand
- B. Increased labor cost
- C. Increased disease and pest threat
- D. Climate change effects

Q 31. Scab disease is mostly observed in:

- A. Apple
- B. Mango
- C. Litchi
- D. Banana

Q 32. Most honey producing honey bee is:

- A. *Apis dorsata*
- B. *Apis florea*
- C. *Apis cerana*
- D. *Apis mellifera*

Q 33. Which one of the following is an entopathogenic fungi?

- A. *Metarhizium anisopliae*
- B. *Beauveria bassiana*
- C. *Entomophthora* spp.
- D. All of above

Q 34. Metribuzin is one of the effective:

- A. Herbicides

- B. Nematicides
- C. Fungicides
- D. Bactericides

Q 35. The total value of money of final goods and services produced by a country in a year is:

- A. GDP
- B. NNP
- C. GNP
- D. NI

Q 36. High value commodities production priority zone in APP is:

- A. Terai and inner terai
- B. Hill and mountain
- C. Inner himalayan region
- D. Terai and mid-hills

Q 37. The main obstacle in agricultural marketing in Nepal is:

- A. Lack of price policy
- B. Lack of institutional marketing
- C. Marketing law
- D. Middleman

Q 38. The contribution of potato crop in AGDP of Nepal is:

- A. 1.4%
- B. 4.4%
- C. 6.4%
- D. 9.4%

Q 39. Which of the following is not a soil fumigant ?

- A. DD mixture
- B. Nemagon
- C. Zireb
- D. Vapam

Q 40. Disease which occurs occasionally by in very severe form is called:

- A. Endemic
- B. Epidemic
- C. Sporadic
- D. Pandemic

Q 41. Whiptail disease is caused by the deficiency of:

- A. Iron

- B. Iodine
- C. Molybdenum
- D. Sodium

Q 42. Which one of the following is a herbicide:

- A. Mancozeb
- B. Atrazine
- C. Cytokinin
- D. Furadane

Q 43. Chemical fertilizers were first introduced in Nepal in:

- A. 1947
- B. 1952
- C. 1967
- D. 1977

Q 44. Which one of the following soil possesses high water holding capacity ?

- A. Sandy
- B. Loam
- C. Clay loam
- D. Sandy loam

Q 45. Zinc plays vital role in:

- A. DNA production
- B. Respiration
- C. Osmosis
- D. Photosynthesis

Q 46. Salt tolerant species of plants are called:

- A. Mesophytes
- B. Xerophytes
- C. Halophytes
- D. Hydrophytes

Q 47. Which one of the following is true in case of IPM ?

- A. No use of pesticide at all
- B. Judicious use of pesticides with other control methods
- C. Using pheromones only
- D. Organic production

Q 48. The term horizontal revolution in agriculture refers to:

- A. Intensive use of all factors of production



- B. Increased land use by utilizing marginal land
- C. Use of high yielding varieties
- D. Techniques of organic farming

Q 49. Having an adverse physiological effect on survival of insect pest is called:

- A. Tolerance
- B. Resistance
- C. Antibiosis
- D. Adoption

Q 50. What could be the possible effects of climate change in agriculture ?

- A. Insect and disease outbreaks
- B. Early ripening of crops
- C. No seed formation in maize
- D. All of above

Q 51. In which of the below mentioned crops, GoN has been instantiating investment insurance ?

- A. Kiwi
- B. Coffee
- C. Tea
- D. Potato

Q 52. Transpiration in plants is related to \_\_\_\_\_.

- A. Photosynthesis
- B. Respiration
- C. Nutrient uptake
- D. Nutrient loss

Q 53. The maximum permissible limit of off-type plants in foundation seed fields of cucumber crop is:

- A. 0.1%
- B. 1%
- C. 0.5%
- D. 2%

Q 54. Potato is \_\_\_\_\_ plant.

- A. Monocot
- B. Dicot
- C. Both of above
- D. None of above

Q 55. \_\_\_\_\_ is known as father of Green revolution.

- A. Dr. Abdul Kalam
- B. Dr. Norman E. Borlaug
- C. Einstein
- D. Darwin

Q 56. Which one of the following is true in case of drought problems in crops ?

- A. No seed formation
- B. Dwarfing
- C. Sterility
- D. All of above

Q 57. Climate change effects can be mitigated by:

- A. Awareness and variety development
- B. Management
- C. Following monitoring parameters
- D. All of above

Q 58. Ninja is a hybrid variety of:

- A. Zucchini
- B. Cucumber
- C. Radish
- D. Tomato

Q 59. Which one of the following is a major weed in rice ?

- A. *Echinochloa colonum*
- B. Blue mustard
- C. *Anagalis arvensis*
- D. None of above

## General Knowledge Multiple Choice: Agriculture (Set 2)

- Q1. Which of the following elements is found in highest content in the urine of cattle and buffalo ?
- A. Nitrogen
  - B. Phosphorus
  - C. Potassium
  - D. Zinc
- Q2. What affects the nutrient availability to a plant from the soil ?
- A. Soil color
  - B. Soil composition
  - C. Soil moisture content
  - D. Soil pH
- Q3. Which among the following is used for amelioration of acidic soil ?
- A. Urea
  - B. Potassium fertilizer
  - C. Agricultural lime
  - D. DAP
- Q4. Which among the following nutrients, plants DO not obtain from the air ?
- A. Nitrogen
  - B. Carbon
  - C. Oxygen
  - D. All of above
- Q5. Constitution of Nepal, 2072 has endowed farmers with which of the following fundamental rights ?
- A. Access to land for agriculture
  - B. Freedom of choice for cultivation of local seed
  - C. Conservation of indigenous species
  - D. All of above
- Q6. What does food security signify for Nepal ?
- A. Food production at constant levels
  - B. Storage of food at constant levels
  - C. Production, distribution and consumption of necessary food commodities
  - D. Production of cash crops in required amounts
- Q7. Civil service act, 2049 has granted \_\_\_\_\_ number of days as home leave.

- A. 12 days
- B. 18 days
- C. 24 days
- D. 30 days

Q8. Which among the following policies, falls under the National Agricultural Policy, 2061 ?

- A. Increase in agricultural production and productivity
- B. Conservation of natural resources and environment
- C. Development of commercial and competitive agricultural system
- D. All of above

Q9. Agriculture Development Strategy, 2072 has envisioned which among the following agri-extension strategies ?

- A. Modern
- B. De-centralized
- C. Scientific
- D. None of above

Q10. As of current, how many deputy directors are there under Department of Agriculture ?

- A. 2
- B. 4
- C. 6
- D. 8

Q11. Exercising the rights of Article 8(Gha 2) of the Insurance Act, 2049, National Insurance Committee in coordination with Ministry of Agriculture Development issued Crop and Livestock Insurance Directives in which year ?

- A. 2067 BS
- B. 2068 BS
- C. 2069 BS
- D. 2070 BS

Q12. Which among the following the major problem of agriculture development in Nepal ?

- A. Low investment in agriculture sector
- B. Increasing labor out-migration
- C. Lack of infrastructures required for agriculture
- D. All of above

Q13. Apple is a \_\_\_\_\_ crop.

- A. Tropical
- B. Sub-tropical
- C. **Temperate**

D. Evergreen

Q 14. Which region of the country is suited for seed production of cauliflower ?

**A. High hills**

B. Mid hills

C. Terai

D. All of above

Q 15. Mango is primarily \_\_\_\_\_ crop.

A. Temperate region

B. Tropical region

C. Both A and B

D. None of above

Q 16. Which among the following crops does Khumal Laxmi variety belong to ?

**A. Potato**

B. Pumpkin

C. Tomato

D. Brinjal

Q 17. Hayward is the improved variety of \_\_\_\_\_.

A. Pomegranete

B. Perssimmon

**C. Kiwi**

D. Walnut

Q 18. Which among the following is the cheapest method of off-season vegetable production in Nepal ?

A. Utilization of geographical diversity

B. Plastic house cultivation

C. Green house cultivation

D. Adoption of modern technology

Q 19. What is the major reason for decline of citrus fruits in Nepal ?

A. Citrus greening

B. Fruit fly

C. Root rot

D. Canker

Q 20. Which among the following is the agriculture extension education ?

A. Formal

B. Informal

- C. Non-continuous
- D. Technical

Q 21. A group of how many members is considered suitable for primary farmer's group ?

- A. 20-25
- B. 40-45
- C. 5-10
- D. 50-55

Q 22. T and V system was first implemented in which district in Nepal ?

- A. Chitwan, Makawanpur
- B. Bara, Parsa
- C. Rupandehi, Nawalparasi
- D. Jhapa, Morang

Q 23. What is the responsibility of Agri-extension agent ?

- A. Method demonstration
- B. Result demonstration
- C. Informing farmers of new technologies
- D. All of above

Q 24. With respect to adoption of technology and cost effectiveness, which among the following extension approaches is considered most effective ?

- A. Personal contact
- B. Group approach
- C. Mass communication
- D. All of above

Q 25. Which category of farmers adopt a new technology the quickest ?

- A. Early majority
- B. Innovator**
- C. Early adoptor
- D. Laggard

Q 26. The word "Agronomy" is derived from \_\_\_\_\_.

- A. English
- B. Japanese
- C. Latin
- D. Greek

Q 27. Which class of seed has a tag of yellow background with letters printed in black color ?

- A. Breeder seed

- B. Foundation seed
- C. Improved seed**
- D. All of above

Q 28. The scientific name of Pigeon pea is \_\_\_\_\_.

- A. Vigna mungo
- B. Glycine max
- C. Cajanus cajan**
- D. Vicia faba

Q 29. Khajura Durum-2 is a variety \_\_\_\_\_.

- A. Lentil
- B. Rice
- C. Wheat**
- D. Maize

Q 30. Fingermillet is a crop of family \_\_\_\_\_.

- A. Leguminosae
- B. Poaceae**
- C. Cucurbitaceae
- D. Cruciferae

Q 31. Which variety of maize among the ones listed below mature earliest ?

- A. Arun-3
- B. Ganesh-2
- C. Manakamana-7
- D. Poshilo Makai-2

Q 32. Radha-14 is a variety of \_\_\_\_\_.

- A. Maize
- B. Fingermillet
- C. Wheat
- D. Rice**

Q 33. IPM technique, which aims for wholesome management of crop pests was first initiated in Nepal in \_\_\_\_\_.

- A. 1960 AD
- B. 1977 AD
- C. 1987 AD
- D. 1997 AD**

Q 34. What does the red colored labelling in pesticide container indicate ?

- A. Extremely hazardous**
- B. Hazardous
- C. Moderately hazardous
- D. Slightly hazardous

Q 35. Bordeaux mixture is made of \_\_\_\_\_.

- A. Copper sulphate**
- B. Sodium chloride
- C. Calcium
- D. All of above

Q 36. Chlorpyrifos is a \_\_\_\_\_.

- A. Fungicide
- B. Insecticide**
- C. All of above
- D. Herbicide

Q 37. What is the training duration required for obtaining pesticide-retail trading license ?

- A. 2 days
- B. 4 days
- C. 6 days
- D. 8 days

Q 38. Neck blast is the disease of \_\_\_\_\_.

- A. Sugarcane
- B. Rice**
- C. Wheat
- D. Mustard

Q 39. Which pheromone is useful for the control of Fruit fly of cucurbits ?

- A. Methyl eugenol
- B. Cu-lure
- C. Heli-lure
- D. All of above

Q 40. Which among following the markets characterize agriculture sector markets of Nepal ?

- A. Group market
- B. Hat bazaar
- C. Cooperative market
- D. All of above

Q 41. Which among the following are the components of agricultural market system ?



- A. Middlemen/broker
- B. Collectors
- C. Producers
- D. All of above**

Q 42. Which among the following definitions best describes "Hat bazaar" ?

- A. A market assigned to specific location at specific day and time
- B. It is also called a rural market
- C. It enables direct contact of consumers and producers
- D. All of above

Q 43. What is market-oriented agriculture system ?

- A. An agricultural system which produces based on market demands.
- B. Export-oriented agricultural system
- C. An agricultural system which produces based on demand of wholesale market
- D. An agricultural system which produces based on demand of retail market

Q 44. Farm gate price refers to \_\_\_\_\_.

- A. Market price
- B. Retail price
- C. Price obtained by farmers**
- D. Price paid by consumers

Q 45. What is primary data ?

- A. Unprocessed and unpublished data**
- B. Processed and published data
- C. Both of above
- D. None of above

Q 46. While taking a crop cutting of rice in 10 m x 10 m, 100 kg of production was obtained. What is the production of rice (in hectares) ?

- A. 10 mt
- B. 5 mt
- C. 20 mt
- D. 25 mt

Q 47. Which among the following are the principle of organic agriculture ?

- A. Principle of ecology
- B. Principle of health
- C. Principle of soil management
- D. All of above

Q 48. What is the appropriate depth to be sampled while obtaining soil sample for cereal crops ?

- A. Upper 10 cm
- B. Upper 15 cm
- C. Upper 20 cm
- D. Upper 30 cm

## General Knowledge Multiple Choice: Agricultural Economics and Farm Management (Set 2)

- Q1. Wind is the example of \_\_\_\_\_ ?
- A. Flow resource
  - B. Stock resource
  - C. Renewable resource
  - D. Both I and III
- Q2. \_\_\_\_\_ is also called Mini cycle within the project cycle.
- A. Identification
  - B. Preparation and analysis
  - C. Appraisal
  - D. Implementation
- Q3. The project plan may cost up to \_\_\_\_\_?
- A. 7-10% of total investment
  - B. 20-30% of total investment
  - C. 50% of total investment
  - D. None
- Q4. In \_\_\_\_\_ shadow price or accounting price are used.
- A. Economic analysis
  - B. Financial analysis
  - C. Commercial aspect
  - D. Technical aspect
- Q5. Which is the correct formula of calculation of IRR ?
- A.  $IRR = LDR + D(NPV \text{ at UDR}) / \text{sum of NPV at TDRs}$
  - B.  $IRR = UDR + D(NPV \text{ at LDR}) / \text{sum of NPV at TDRs}$
  - C.  $IRR = LDR + D(NPV \text{ at LDR}) / \text{sum of NPV at TDRs}$
  - D. None
- Q6. \_\_\_\_\_ is true type of externality.
- A. Pecuniary externality
  - B. Technical externality
  - C. Both
  - D. None
- Q7. In \_\_\_\_\_ people are asked directly to report their willingness to pay (WTP) to obtain a specified good, or willingness to accept (WTA) to give up a good.

- A. Hedonic pricing method
- B. Contingent valuation method
- C. Opportunity cost method
- D. Travel cost method

Q8. Which is the process of determination of value or worth of a project ?

- A. Planning
- B. Monitoring
- C. Evaluation
- D. None

Q9. The evaluation conducted during the implementation phase of program or project is \_\_\_\_\_.

- A. Pre-evaluation
- B. Ongoing evaluation
- C. Terminal evaluation
- D. Ex-post evaluation

Q10. Forest and grassland covers \_\_\_\_\_ area of Nepal in 2017/18.

- A. 39%
- B. 40%
- C. 42%
- D. 44%