

General Knowledge: Agriculture

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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

Q 11. Area under jute cultivation is highest in:

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

Q 12. Seed priming is done to:

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

Q 13. 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

Q22. Which type of erosion is the most hazardous ?

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

Q23. 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

Q24. An increase in the general price level of an economy is called:

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

Q25. Which of the following interprets perfect negative correlation between two variables ?

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

Q26. "One village one product" program has been conducted for fish in:

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

Q27. Which of the following is not a type of sprayer ?

- A. Hand compression sprayer B. Power sprayer
C. Blow sprayer D. Trigger sprayer

Q28. Production decrease due to weeds in different crops is:

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

Q29. Broomrapes are:

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

Q30. 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

Q31. Scab disease is mostly observed in:

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

Q32. Most honey producing honey bee is:

- A. *Apis dorsata* B. *Apis florae* C. *Apis cerena* D. *Apis mellifera*

Q33. Which one of the following is an entopathogenic fungi?

A. *Metarhizium anisopliae*
C. *Entomophthora* spp.

B. *Beauveria bassiana*
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

Q 9. Agriculture Development Strategy, 2072 has envisioned which among the following agri-extension strategies ?

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

Q 10. As of current, how many deputy directors are there under Department of Agriculture ?

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

Q 11. 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

Q 12. 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

Q 13. 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. Non-formal 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 |
| <u>C. Price obtained by farmers</u> | D. Price paid by consumers |

Q 45. What is primary data ?

- | | |
|--|---------------------------------|
| <u>A. Unprocessed and unpublished data</u> | 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) ?

- | | | | |
|-----------------|---------|----------|----------|
| <u>A. 10 mt</u> | 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 | <u>D. All of above</u> |

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

- | | | | |
|---------------------------|----------------|----------------|----------------|
| <u>A. Upper 10 cm (?)</u> | 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

Q 10. Forest and grassland covers _____ area of Nepal in 2017/18.

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

General Knowledge Multiple Choice: Agriculture (Set 4)

Q1. Blue revolution is about ?

- A. Fish production B. Petroleum and biodiesel production
C. Tomato and meat production D. Egg and poultry production

Q2. Egg and poultry are related to ?

- A. Golden revolution B. Red revolution C. Silver revolution D. Grey revolution

Q3. Breeder seed has _____?

- A. White tag B. White tag with blue border
C. Yellow tag D. Brown tag

Q4. 1 kattha of land is _____ square meters.

- A. 182.25 B. 338.63 C. 508.72 D. 256

Q5. _____ is entitled vegetable meat.

- A. Brinjal B. Cowpea C. Bitter gourd D. Tomato

Q6. _____ deficiency causes dieback of shoots.

- A. Boron B. Copper C. Molybdenum D. Zinc

Q7. Which among the following is the most cultivated rice variety in Nepal ?

- A. Ghaiya B. Radha-14 C. Sona mansuli D. Chaite

Q8. Which fruit is called a miracle fruit ?

- A. Mandarin B. Banana C. Kiwi D. Avocado

Q9. Chekurmanis (*Sauropus androgynus*) is a _____.

- A. Pteridophyte and vegetable B. Angiosperm and vegetable
C. Gymnosperm and vegetable D. 20th century vegetable

Q10. Oleoresin is extracted from ?

- A. Papaya B. Chillies C. Jackfruit D. Brinjal

Q11. Chaubatia paste is made in _____.

A. Water

B. Linseed oil

C. Kerosine

D. Palm oil

Q 12. Carbamates are _____.

A. Sulfur fungicides

B. Mercurial insecticides

C. Alkylating agents

D. Chlorinated hydrocarbon

Q 13. Angle of repose of paddy is _____.

A. 30-45 degrees

B. 23-28 degrees

C. 20-30 degrees

D. 15-20 degrees

Q 14. Cellulose is absent in _____.

A. Primary cell wall

B. Middle lamella

C. Secondary cell wall

D. Tertiary cell wall

Q 15. Which technology is used to produce monoclonal antibodies ?

A. Hybridoma

B. Antibody fragmentation

C. Serial dilution

D. Conjugation

Q 16. What is the composition of bordeaux mixture ?

A. 10 lb CuSO_4 + 5 lb Lime + 100 gallon waterB. 5 lb CuSO_4 + 5 lb Lime + 100 gallon waterC. 10 lb CuSO_4 + 10 lb Lime + 100 gallon waterD. 5 lb CuSO_4 + 5 lb Lime + 50 gallon water

Q 17. Which of the following disasters does crop insurance does not cover ?

A. Biotic (insect and disease) damage

B. Fire

C. Frost and hail

D. Non-germination

Q 18. _____ percentage of population of Gandaki province are engaged in agriculture.

A. 64

B. 60

C. 66

D. 72

Q 19. Recently government has announced subsidization on transportation fare in of perishable commodities (including cereals) from production site to nearby market. What percentage of transport fees is provisioned for subsidy ?

A. 25 percent

B. 20 percent

C. 30 percent

D. 40 percent

Q 20. Government imposed nationwide lockdown from _____ to prevent and control COVID-19 pandemic.

A. March 20

B. April 8

C. March 24

D. April 3

- Q21. According to the Crops and livestock Insurance Directives, 2013 (2070), government has announced _____ per cent subsidy in premium as agriculture insurance to farmers.
- A. 75 percent B. 50 percent C. 85 percent D. 70 percent
- Q22. ADS is in implementation since _____ year plan.
- A. 13 th B. 14 th C. 12 th D. 11 th
- Q23. In which schedule of the Constitution of Nepal is there the provision of combined right to agriculture sector ?
- A. Schedule 7 B. Schedule 8 C. Schedule 9 D. Schedule 10
- Q24. Which of the following diseases is also called The Yellow Dragon disease.
- A. Citrus gall B. Apple scab
C. Citrus greening D. Mango malformation
- Q25. Ballot box test is a useful approach in Farmers' field school to _____.
- A. To understand what farmers know and if they have any gap in knowledge
B. To promote entertainment
C. To provide subsidy for farmers
D. To access environmental status
- Q26. Which among the following crops does the grain weevil damages the most ?
- A. Maize (?) B. Wheat C. Rice D. Lentil
- Q27. Province 4 is not self-sufficient in _____.
- A. Fruit B. Vegetable C. Maize D. Rice
- Q28. According to Vision 2076-2100 of the Gandaki province, what is the productivity goal of major agricultural commodities by the end of Long term plan period ?
- A. 2.8 ton per hectare B. 4 ton per hectare C. 5 ton per hectare D. 6 ton per hectare
- Q29. Which among the following chemical pesticide(s) binds with Acetylcholinesterase and inhibits its activity ?
- A. Carbamates B. Organophosphates C. Both of above D. None of above
- Q30. What amount of land (in hectares) is required to plant 10 square kilometers of apple ?
- A. 10 ha B. 100 ha C. 1000 ha D. 10000 ha

Q 31. What is the consequence of use of organic fertilizer in Grape and Sugarcane ?

- A. Increases pigmentation
- C. Increases sugar content

- B. All of above
- D. None of above

Q 32. Fruit cracking is a serious problem in _____.

A. Walnut

B. Banana

C. Apple

D. Litchi

Q 33. Which orchard first started apple cultivation in Nepal ?

- A. Jumla farm
- C. Marpha farm of Mustang

- B. Putalibagaicha of Kathmandu
- D. Daman farm

Q 34. Goal of extension education is _____.

- A. To promote income of the farmer
- C. To promote production of the crop

- B. To promote new crop
- D. To promote scientific outlook

Q 35. Which among the following approach of extension is used in participating rural youths ?

A. Tuki

B. Group

C. Charpatey club

D. All of above

Q 36. Which approach of extension relies on training of extension agent by scientist of research station ?

A. Tuki

B. Block production

C. Training and Visit

D. None of above

Q 37. What is the purpose of agrovet establishment in Nepal ?

- A. Sales of agricultural products
- B. Sales of agricultural inputs
- C. Communication of information on agriculture
- D. All of above (?)

Q 38. When does the agriculture program broadcast in TV and radio Nepal ?

A. 6:30 pm

B. 6:40 am

C. 6:45 am

D. None of above

Q 39. Which among the following is not a stage in Adoption of Innovation ?

A. Evaluation

B. Trialing

C. Interest

D. Need identification

Q 40. Deficiency of which micronutrient causes little leaf of cotton ?

A. Boron

B. Nitrogen

C. Calcium

D. Zinc

- Q 41. Which nutrient becomes available at excess in acidic soil thereby causing toxicity in plants ?
- A. Calcium B. Magnesium C. Both D. Aluminium
- Q 42. Organically prepared biochar has highest content of _____.
- A. Nitrogen B. Potassium C. Phosphorus D. Carbon
- Q 43. Which among the following elements is not essential nutrient of plants ?
- A. Boron B. Hydrogen C. Magnesium D. Sodium
- Q 44. Use of which of the following is a method of pH detection of soil ?
- A. Munsell color chart B. Litmus paper C. Both D. None of above
- Q 45. Which among the following crops requires highest amount of water ?
- A. Rice B. Wheat C. Maize D. Sugarcane
- Q 46. In an area where both Maize and Soybean can be grown together, which pattern of cultivation relies on planting maize exclusively without inter-space sowing of soybean ?
- A. Mixed cropping B. Monocropping C. Relay cropping D. Intercropping
- Q 47. Which among the following is a cash crop ?
- A. Sugarcane B. Oilseeds C. Potato D. All
- Q 48. Which among the following is a popular Rice variety in Kathmandu valley ?
- A. Palung dhan B. Khumal-4 C. Hardinath-2 D. Radha-12
- Q 49. Which region of Nepal is suitable for Jute cultivation ?
- A. Central terai B. Western terai C. Far-western terai D. Eastern terai
- Q 50. Why is rouging done in crop seed production ?
- A. To increase germination rate B. To maintain genetic purity
C. To remove small plants D. To maintain physical purity (?)
- Q 51. What is/are the alternative name of Amaranthus (*lattey*) in Nepal ?
- A. Ramdana B. Lunde and Marshi C. Bet or Chaulai D. All
- Q 52. Dual track management system (DTMS) has been launched in how many of Agriculture farms in Nepal initially ?

A. 2

B. 1

C. 3

D. 4

Q 53. Budwood certification system has been started in which of the following fruit crop ?

A. Mango

B. Temperate fruits

C. Citrus fruits

D. None of above

Q 54. Which of the following methods of IPM relies on use of an attractive lure in alluring insect-pests ?

A. Biological

B. Physical (?)

C. Both

D. None of above

Q 55. Which of the following agricultural crops is a perishable commodity ?

A. Leafy vegetable

B. Pulses

C. Both

D. None

Q 56. Farmers popularly acquire _____ loan in agri-business operation ?

A. Unorganized institutions

B. Organized institutions

C. Nothing can be said

D. Farmers do not acquire loan

Q 57. Which among the following aspects is most important in market management ?

A. Roadway

B. Production

C. Storage

D. Ropeway

Q 58. Kalimati Fruit and Vegetable Market is established with _____ legal provision.

A. Development committee act

B. Market act

C. Market committee act

D. Local market act

Q 59. What is the consequence of increased supply in the market in price?

A. Price decreases

B. Price increases

C. Price does not change

D. Price fluctuates

Q 60. Due to use of Calcium Carbide in Apple, Mango and alike crop, which of the following processes is hastened ?

A. Reduction in sourness

B. Promotes ripening

C. Control of fungal disease

D. Reduction in fruit drop

Q 61. How was Kinnow mandarin developed ?

A. Hybridization of multiple species of citrus

B. Selection of high yielding Sweet orange

C. Crossing between Mandarin and Sweet orange

D. Vegetative propagation of high yielding Sweet orange

General Knowledge Multiple Choice: Agriculture (Set 5)

- Q1. Ambient relative humidity for the growth of Oyster mushroom is _____ per-cent.
- A. 85 B. 75 C. 80 D. 90
- Q2. Which crop acts as a trap for control of Nematodes ?
- A. Marigold B. Neem C. Soybean D. Cucumber
- Q3. Wart disease is seen in
- A. Cabbage B. Maize C. Potato D. Tomato
- Q4. Which fungicide is best suited to control powdery mildew of rose ?
- A. Dithane M45 B. Blitox 50 C. Thiram D. Sulfex 80 WP
- Q5. Which part of the cauliflower does the knot disease due to *Plasmodiophora brassicae* affects ?
- A. Curd B. Main root C. Leaf D. Stem
- Q6. Plant protection action was implemented in year _____ AD.
- A. 2010 B. 2007 C. 2002 D. 2000
- Q7. How many chemical pesticides are currently banned in Nepal ?
- A. 26 B. 16 C. 24 D. 12
- Q8. What is/are the main reason for lagging production of Jute, Cotton and Tobacco in Nepal ?
- A. Unfavorable climate
- B. Lack of labor
- C. Lack of experience of farmers
- D. Poor development of industrial infrastructure
- Q9. What is the seed rate of Arun-7 maize variety ?
- A. 20 B. 40 C. 50 D. 10
- Q10. Bahuguni-1 and Bahuguni-2 rice varieties are best suited in _____ cropping pattern.

A. Rice-Wheat

B. Rice-Maize

C. Rice-Lentil

D. All

Q 11. Which one of the following wheat varieties released the latest ?

A. Banganga

B. Gautam

C. Annapurna

D. Pshanglhamu

Q 12. What is the color of the tag of the seed of Improved class ?

A. White

B. Yellow

C. Green

D. Blue

Q 13. The productivity of Mithe fapar variety of Buckwheat is _____ mt per ha.

A. 1.4

B. 2

C. 4

D. 5

Q 14. What is the most important factor in Adoption of innovation ?

A. Source

B. Message

C. Adopter

D. Individual communicating the message

Q 15. What is the goal of an active farmer's group ?

A. Resolve common problem

B. Solve personal problem

C. Organize meeting and disburse allowance

D. All of above

Q 16. How can the training be made effective ?

A. Talking and Seeing

B. Talking, Seeing, and Doing

C. Talking only

D. Seeing only

Q 17. Recent popular method of agriculture extension and services are done through,

A. School children participation

B. Farmer's group approach

C. Individual farmer contact

D. Political leaders

Q 18. The medium of communication in which steps involved in a new technology is shown pictorially for visualization is

A. Flip chart

B. Flannel board

C. Still picture

D. Leaflet

Q 19. What needs to be considered while planning local level agriculture program ?

A. Local needs

B. Local potential

C. National policy

D. All of above

Q 20. What crop is "California" variety related to ?

A. Chilly

B. Cauliflower

C. Tomato

D. Okra

Q 21. Citrus greening is caused by

A. Citrus aphid

B. Citrus psylla

C. Citrus scale

D. Citrus fruit fly

Q 22. What is the seed to seed spacing while planting coffee seed for seedling production ?

A. 5-6 cm

B. 7-8 cm

C. 3-5 cm

D. 8-10 cm

Q 23. "President Best Performing Farmer Award" has been initiated since _____ to dignify agriculture occupation.

A. 2071 BS

B. 2068 BS

C. 2061 BS

D. 2058 BS

Q 24. When was National Agriculture Policy implemented ?

A. 2058 BS

B. 2061 BS

C. 2059 BS

D. 2063 BS

Q 25. Which among the following NGOs is involved in varietal development and conservation activities.

A. Local Initiatives for Biodiversity Research and Development

B. Tamakoshi Development Committee

C. All-round Development Society

D. Cooperative Rural Development Society

Q 26. Which of the following agricultural products is "Low volume, high value" commodity ?

A. Fingermillet

B. Rice

C. Maize

D. Fish

General Knowledge Multiple Choice: Agriculture (Set 6)

Q1. How long is the service center level training ?

- A. 15 days B. 3 days C. 7 days D. 1 day

Q2. Pocket and annual basic statistics is sent _____.

- A. Monthly B. Every four months C. Annually D. Every two years

Q3. KHARDEP was implemented in which of the following districts ?

- A. Dhankuta B. Bhojpur C. Sankhuwasabha D. All of above

Q4. SINKALAMA was NOT implemented in which of the following district ?

- A. Myagdi B. Lalitpur C. Makawanpur D. Sindhupalchowk

Q5. In extension education, the process of delivering education to clients is _____.

- A. Slow B. Sequential C. Democratic D. *Loktantrik*

Q6. Phosphorus uptake in alkaline soil occurs in the form of

- A. H_2PO_4 B. PO_3 C. HPO_4 D. H_3PO_4

Q7. Which of the following plants is used as indicator for permanent wilting point ?

- A. Safflower B. Sunflower C. Marigold D. Both a and c

Q8. How much Nitrogen is found in ThioUrea ?

- A. 46 percent B. 22.5 percent C. 36.8 percent D. 33 percent

Q9. What is the minimum required amount of soil for Texture analysis ?

- A. 10 g B. 30 g C. 20 g D. 40 g

Q10. Which of the following bacteria is most abundant in the soil ?

- A. Azobacter B. Bacillus C. Pseudomonas D. All

Q11. When does Denitrification process quickens in relation to soil condition ?

- A. Aerobic B. Anaerobic C. Both D. None

Q12. For purchasing of seed, fertilizers etc. the loan distributed is called _____.

A. Short term loan B. Long term loan C. Medium term loan D. None

Q 13. The popularity of a business is regarded as _____.

A. Material good B. Non-material good C. Both D. None

Q 14. How many farms each of 1 ha can be accomodated in an area of 1 square meter ?

A. 10 B. 100 C. 50 D. 1000

Q 15. WTO was established in _____.

A. 1992 B. 1995 C. 1997 D. 1998

Q 16. _____ is not free good.

A. Water B. Sunlight C. Air D. Table

Q 17. Economics is a _____.

A. Social science B. Political science C. Natural science D. None

Q 18. Hypogeal germination occurs in _____,

A. Pea B. Chickpea C. Rice D. All

Q 19. What is the isolation distance requirement for rice fields infected with false smut of rice ?

A. 3m B. 150m C. 50m D. None

Q 20. What color is the tag of Breeder seed ?

A. Yellow B. White C. Blue D. Brown

Q 21. National Seed Company and Agricultural Input Company merged and started operation as one in _____.

A. 2074/75 B. 2075/76 C. 2076/77 D. 2073/74

Q 22. Small commercial farmers generally sell _____ of their total produce.

A. 40 percent B. 60 percent C. 30 percent D. 50 percent

Q 23. According to Cublic Services regulations, 2050 employees can take sick leave of _____ in a year.

A. 24 days B. 12 days C. 15 days D. 30 days

- Q 24. Which of the following districts is the latest (as of 2078) addition in Honeybee Zone program ?
- A. Dang B. Jajarkot C. All of above D. None of above
- Q 25. How many areas are identified of being basic necessity in Sustainable Development ?
- A. 2 B. 5 C. 4 D. 3
- Q 26. When did UN declared to celebrate International Tea day ?
- A. 21 March B. 21 April C. 21 May D. 21 June
- Q 27. Implementing of agriculture development program at local level is based on _____.
- A. Bottom up approach B. Top down approach
C. Both D. None
- Q 28. How many horticulture farms are there in Province 4 ?
- A. 1 B. 2 C. 3 D. 5
- Q 29. Agriculture and livestock development programmes aim at promoting _____ sector.
- A. Government B. Private C. Cooperative D. All
- Q 30. The currently running plan of the Province 4 is for the years _____.
- A. 2076/77 - 2080/81 B. 2075/76 - 2079/80 C. 2074/75 - 2078/79 D. 2073/74 - 2077/78
- Q 31. The largest driver of global warming is _____.
- A. Carbon dioxide B. Methane
C. Nitrous oxide D. Chloro-fluoro carbon
- Q 32. In order to make civil services inclusive, what proportion of vacancies to be filled on inclusive basis is allotted to Indigenous communities ?
- A. 22 percent B. 27 percent C. 33 percent D. 45 percent
- Q 33. In terms of value which is not exporting agriculture commodity in Nepal ?
- A. Cardamom B. Ginger C. Avocado D. Coffee
- Q 34. Which agency is responsible for formulation of annual budget in Agriculture ?

- A. Ministry of Finance
- B. Ministry of Agriculture Development, Planning Section
- C. Department of Agriculture
- D. Department of Livestock Services

Q 35. Which institution performs the Agriculture Management Information System (AMIS) in Nepal ?

- A. Agriculture Information and Training Centre
- B. Agriculture Development Strategy
- C. Pilot Program for Climate Resilience (PPCR)
- D. Department of Agriculture

Q 36. Among agriculture enterprises, which of the following features best characterizes silk-worm farming ?

- A. Very slow in progress
- B. Failing business
- C. Highly profitable
- D. All of above

Q 37. In which method of communication, the nature of information is most concise ?

- A. Group
- B. Community
- C. Personal
- D. All of above

Q 38. A demonstration technique which involves use of integrated technologies to show its effectiveness in order to convince farmers in the adoption is _____.

- A. Method demonstration
- B. Result demonstration
- C. Production demonstration
- D. Minikit trial and demonstration

Q 39. A collection of photographs and graphs, complemented by audio-visual aids and presented in a form of album in conveying message is called _____.

- A. Pamphlet
- B. Poster
- C. Leaflet
- D. Flipchart

Q 40. Who is the most responsible for conducting Farmer's field testing ?

- A. Farmer
- B. Extension worker
- C. Researcher
- D. All of above

Q 41. Which program has the objective to provide a brief information about latest agriculture research ?

- A. Farmer's day
- B. Farmer visit
- C. Farmer's workshop
- D. Farmer's conference

Q 42. Which among the following is NOT the pillar of food security ?

- A. Stability
- B. Access
- C. Production
- D. Utilization

Q 43. In a monopoly market _____.

- A. All supply, demand and price can change
- B. Price is affected to some extent
- C. Production can be controlled but price cannot be
- D. Nothing can be controlled

Q 44. Minimum support price is fixed to benefit _____.

- A. Consumer
- B. Producer
- C. Both
- D. None of above

Q 45. Economic study of human behavior as a relationship between ends and scarce means which have alternative use was discussed by _____.

- A. Adam smith
- B. Marshall
- C. Robins
- D. Keynes

Q 46. What are the cautions to be considered while making use of secondary data ?

- A. Trustworthiness
- B. Suitability
- C. Adequacy
- D. All

Q 47. Which among the following is market functionaries ?

- A. Producer
- B. Trader
- C. Consumer
- D. All

Q 48. Which among the following crops has the highest production cost ?

- A. Potato
- B. Rice
- C. Maize
- D. Rapeseed

Q 49. Rainfall is expressed in _____.

- A. percentage
- B. degrees
- C. kilogram
- D. centimeter

Q 50. Soil testing mobile van is a concept first started in _____.

- A. USA
- B. UK
- C. India
- D. Japan

Q 51. In general which micro-nutrient is a major necessity in paddy crop ?

- A. Zinc
- B. Boron
- C. Sulphur
- D. Iron

Q 52. When was chemical fertilizer first introduced in Nepal ?

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

Q 53. Which of the following nutrients is regarded as secondary ?

- A. Sulphur
- B. Boron
- C. Zinc
- D. Copper

Q 54. Acidic soil generally suffers deficiency of _____.

- A. Aluminium B. Iron C. Both D. Calcium

Q 55. Which among the following crops is attacked by the NCLB disease ? (note: NCLB refers to Northern Corn Leaf Blight)

- A. Paddy B. Maize C. Potato D. Wheat

Q 56. Which among the following is used to correct Alkaline soil ?

- A. Gypsum B. Borex C. Lime D. None

Q 57. What is the best technique to control white fly of tomato without use of chemical pesticide ?

- A. Verticillium fungi B. Neem fruit powder
C. Ash and cattle urine D. Beauveria fungi

Q 58. Stalk rot is _____ of maize crop.

- A. Fungal disease B. Bacterial disease C. Bug D. Mycoplasma

Q 59. Common insect of forage and grass seeds is _____.

- A. Khapra beetle B. Bugs C. Aphids D. Hispa

Q 60. Which among the following is the largest of all honeybees ?

- A. Melifera B. Dorsata C. Florea D. Cerana

Q 61. Which category of the pesticide is completely prohibited ?

- A. Organophosphates B. Organochlorine
C. Carbamates D. Synthetic pyrethroids

Q 62. The Farmer's Field School was first attempted in Nepal in _____.

- A. 1983 B. 1989 C. 1993 D. 1997

Q 63. Which of the following factors is a major determinant in seed quality ?

- A. Vigor B. Physical purity C. Moisture D. Genetic purity

Q 64. Which rice variety do you suggest for upland rice area ?

- A. Ghaiya-2 B. Radha 12 C. Sona mansuli-1 D. Sukkha-2

Q 65. Which among the following crops do not have hybrid varieties imported in Nepal ?

A. Wheat

B. Fingermillet

C. Both

D. Maize

Q 66. What is the recommended depth of planting of rice seedling ?

A. 2-3 cm

B. 3-4 cm

C. 4-6 cm

D. 5-7 cm

Q 67. For a good apple production, how many hours of chilling requirement need to be satisfied ?

A. 500 hours

B. 700 hours

C. 1000 hours

D. 1500 hours

Q 68. How is the rose best propagated ?

A. Seed

B. Budding

C. Air layering

D. Inarching

Q 69. Which among the following is the best source of Vitamin A ?

A. Spinach

B. Pumpkin

C. Pea

D. None of above

Q 70. The suitable variety of potato for cultivation in Unirrigated hills of Nepal is _____.

A. Desiree

B. Cardinal

C. Khumal seto

D. Kufri jyoti

Q 71. How many seedling of mango can be accomodated in 1 hectare of land ?

A. 25

B. 50

C. 100

D. 150

Q 72. Which among the following is a climacteric fruit ?

A. Banana

B. Papaya

C. Avocado

D. All of above

General Knowledge Multiple Choice: Agriculture (Set 7)

- Q1. For formulation, implementation, monitoring and evaluation of National Agricultural Policy, 2061, what are the areas of emphasis ?
- A. Participatory responsibility
 - B. Central supervisory provision
 - C. Responsibility transferred to the Regional Directorate
 - D. None of above
- Q2. Function of Pyrheliometer is _____.
- A. Measuring rainfall
 - B. Measuring wind turbulence
 - C. Measuring irradiance
 - D. Measuring solar intensity
- Q3. Which year did the first five year plan started in Nepal ?
- A. 2012 BS
 - B. 2013 BS
 - C. 2014 BS
 - D. 2015 BS
- Q4. Wolly aphid resistant rootstock of apple is _____.
- A. M-27
 - B. M-16
 - C. Northern spy
 - D. Crab apple
- Q5. Zinc sulphate has _____.
- A. 5-10 percent zinc
 - B. 22-35 percent zinc
 - C. 52-55 percent zinc
 - D. 72-75 percent zinc
- Q6. OVOP program in Rasuwa and Nuwakot is on _____.
- A. Goat
 - B. Hogplum
 - C. Agrotourism
 - D. Rainbow trout
- Q7. Phosphorus availability is the highest at pH _____.
- A. 2.5-4.5
 - B. 5.5-7.5
 - C. 4.5-6
 - D. More than 7
- Q8. For a farmer to use 11.5 kg Nitrogen, what amount of Urea he has to broadcast in his field ?
- A. 25 kg
 - B. 10 kg
 - C. 15 kg
 - D. 20 kg
- Q9. Agreements with WTO that directly impact the agriculture sector constitute _____.
- A. Agreement on Agriculture (AoA)
 - B. Sanitary and Phytosanitary Measures
 - C. Technical Barriers to Trade
 - D. All of above
- Q10. When was NARC act implemented ?

A. 2052

B. 2046

C. 2048

D. 2050

Q 11. Which among the following is a bacteria based biological pesticide ?

A. Bt

B. EPNS

C. NPV

D. Trichogramma

Q 12. Orabanche is the _____ parasite.

A. Stem

B. Root

C. Leaf

D. All

Q 13. Mulberry pruning is generally done on _____.

A. Mangsir

B. Falgun

C. Shrawan

D. Ashoj

Q 14. The seed rate of Cucumber per hectare is _____.

A. 75 g

B. 125 g

C. 200 g

D. 250 g

Q 15. When was National Seed Company established ?

A. According to Company act, 2053 on 2059/01/25

B. According to Company act, 2054 on 2059/01/25

C. According to Company act, 2055 on 2059/02/26

D. None of above

Q 16. The Hardee variety of Soybean is recommended in _____.

A. Hill

B. Hill and inner terai

C. Terai and inner terai

D. Terai only

Q 17. N, P, K, Ca, P, K, Mg, S are _____.

A. Primary nutrient

B. Major nutrient

C. Secondary nutrient

D. Macro nutrient

Q 18. Which periodic plan addressed the issue of poverty alleviation for the first time ?

A. 5th

B. 7th

C. 10th

D. 6th

Q 19. Use of pheromone based chemicals in management of insects is categorized under _____.

A. Microbiological

B. Biological

C. Physical

D. None of above

Q 20. Which agriculture farm was first established in terai ?

A. Parwanipur

B. Bhairahawa

C. Tarahara

D. Khajura

Q 21. Tuki system was supported by

A. World bank B. MoAD C. Swiss government D. None

Q 22. Who are Tukis ?

A. SMS B. Farmer C. Extension worker D. All

Q 23. In the Tuki, farmers are trained through intensive progressive farmer course in _____.

A. 12 days B. 18 days C. 25 days D. 15 days

Q 24. T and V was supported by

A. MoAD B. World Bank C. Swiss Government D. None

Q 25. Tuki is the sub system of,

A. Integrated Rural Development Project B. Integrated Hill Development Project
C. Both D. None

Q 26. When was Tuki system started in Nepal ?

A. 1970 B. 1974 C. 1977 D. 1975

Q 27. When was T and V system started in Nepal ?

A. 1970 B. 1974 C. 1977 D. 1975

Q 28. How much organic matter in overall was reported in FY 2075/76 in Nepal ?

A. 1.5 percent B. 2 percent C. 2.5 percent D. 3 percent

Q 29. Block production program was launched in _____.

A. Bara and Parsa B. Dolakha and Sinduli
C. Parsa and Chitwan D. None

Q 30. For how long is the Farmer Field School run ?

A. 10-12 weeks B. 12-16 weeks C. 15-18 weeks D. 12-15 weeks

Q 31. PPS was launched to achieve the goal of _____.

A. ADS B. APP C. Both D. None

Q 32. What is the percentage of late majority among adopters category ?

A. 13.5 B. 35 C. 34 D. 2.5

Q 33. Hartley is a variety of _____.

A. Pear

B. Walnut

C. Peach

D. Sapota

Q 34. Gandaki province Agriculture Development Source Center is located in _____.

A. Bandipur, Tanahun

B. Dumribot, Kaski

C. Pokhara, Kaski

D. Waling, Syangja

Q 35. Anemophily is the pollination mode in which _____.

A. Insect pollination occurs

B. Wind pollination occurs

C. Bat pollination occurs

D. Bird pollination occurs

Q 36. The Chairperson of National Farmer Coalition of Nepal is _____.

A. Dr. Prem Prasad Dangal

B. Dr. Baidhyanath Mahato

C. Ramesh Kumar KC

D. None of Above

Q 37. Which of the following is responsible for leaf curl of Litchi ?

A. Bacteria

B. Mite

C. Virus

D. All

Q 38. Cu-lure, which is popularly used in vines crops is normally placed _____ in numbers per ropani.

A. 2

B. 5

C. 8

D. 12

Q 39. "Summer Sunlight" is the cultivar of which among the following flowers ?

A. Carnation

B. Gerbera

C. Rose

D. Gladiolus

Q 40. Which places have implemented the Agriculture Sector Development Program ?

A. All districts

B. All districts of Karnali Province

C. Kailali

D. Sindhupalchowk, Nuwakot and Rasuwa

Q 41. Which of the following is NOT benefitted by profile ?

A. Program formulation

B. Program monitoring and evaluation

C. Market price determination

D. All of above

Q 42. Which of the following commodities responds most positively to price change with respect to rise in demand ?

A. Rice

B. Potato

C. Leafy vegetables

D. Onion

Q 43. Which of the pesticides is the least harmful to bees ?

A. Iodine endosulphan

B. BHC

C. Malathion

D. Dithane-M45

Q 44. Which statement is correct about Kapurkot-1 variety of Ginger ?

- A. Recommended year: 2048, Production: 22-38 mt/ha
- B. Recommended year: 2058, Production: 22-38 mt/ha
- C. Recommended year: 2048, Production: 25-32 mt/ha
- D. Recommended year: 2058, Production: 25-32 mt/ha

Q 45. Full form of SAFTA is _____.

- | | |
|--|-------------------------------------|
| <u>A.</u> South Asian Free Trade Association | B. South Asian Free Trade Agreement |
| C. South Asian Free Training Association | D. South Asian Free Trade Area |

General Knowledge Multiple Choice: Agriculture (Set 8)

Q1. Newspapers fall under _____ method of communication ?

- A. Group B. Individual C. Mass D. All

Q2. Extension education brings about _____ changes in life of individual.

- A. 1 B. 2 C. 3 D. 4

Q3. For off season vegetable production plastic house is built generally using silpaulin of _____.

- A. 20-40 gsm B. 45-90 gsm C. 91-120 gsm D. 120-150 gsm

Q4. Manisha, Bhim, Suraksha are the varieties of _____.

- A. Carrot B. Cabbage C. Chilli D. Tomato

Q5. "Complete" fertilizer contains NPK in the ratio _____.

- A. 20-20-20 B. 19-19-10 C. 20-20-19 D. 20-20-0

Q6. Prime minister agriculture modernization project has the working span of _____.

- A. 20 years B. 15 years C. 10 years D. 7 years

Q7. What is the class of seed obtained by growing the Breeder seed generation ?

- A. Improved seed B. Foundation seed C. Certified seed D. None of above

Q8. When was the Tomato Leaf Miner (*Tuta absoluta*) identified officially in Nepal ?

- A. 2071, Jestha 3 B. 2072, Jestha 3 C. 2073, Jestha 3 D. 2075, Jestha 3

Q9. Mandarin, lime, sweet orange are categorized under _____.

- A. Tropical fruits B. Subtropical fruits C. Temperate fruits D. B and C

Q 10. Name the nutrient whose deficiency causes purpling of maize leaves.

- A. Phosphorus B. Magnesium C. Sulphur D. Nigrogen

Q11. How often does the Radio Nepal broadcast agriculture program in a week ?

- A. 4 B. 5 C. 6 D. 7

- Q 12. Ca, Mg and S are the _____ essential nutrient.
- A. Primary B. Secondary C. Tertiary D. None
- Q 13. Which cereal crop is called the Queen of Cereals ?
- A. Maize B. Rice C. Wheat D. Barley
- Q 14. Which of the following methods can accomodate the highest number of fruit plants for a given area ?
- A. Square B. Rectangular C. Quincunx D. Both A and B
- Q 15. Which crop has the highest of total production in Nepal ?
- A. Maize B. Rice C. Wheat D. Sugarcane
- Q 16. When was National Agricultural Policy formulated ?
- A. 2060 B. 2061 C. 2062 D. 2063
- Q 17. *Chirkey and Furkey* is the disease of _____.
- A. Tea B. Coffee C. Cardamom D. Surgarcane
- Q 18. While growing Oyster mushroom, the straw is chopped into pieces of size _____.
- A. 1 inch B. 2-2.5 inch C. 10 inch D. 5 inch
- Q 19. How many stratas of the soil are sampled in fruit crops ?
- A. 1 B. 2 C. 3 D. 4
- Q 20. What is the full form of EM ?
- A. Effective micronutrient B. Effective microorganism
C. Effective microbiology D. All
- Q 21. When was the Seed act enforced in Nepal ?
- A. 2045 BS B. 2050 BS C. 2055 BS D. 2040 BS
- Q 22. Where is the temperate horticulture development centre stationed ?
- A. Dolakha B. Daman C. Mustang D. Jumla
- Q 23. What is the GDP growth rate of Agriculture and Forestry in the fiscal year 2075/76 ?
- A. 7.1 B. 7.42 C. 4.42 D. 2.72

Q 24. For what period was Agriculture Perspective Plan implemented ?

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

Q 25. Where the rice superzone located under PMAMP ?

- A. Kailali B. Dang C. Bara D. Jhapa

Q 26. "The crop of famine (*anikaal*)" is entitled to _____.

- A. Uwa (Naked barley) B. Fingermillet
C. Maize D. Barley

Q 27. The National Rice Research Program in Nepal is located in _____.

- A. Parwanipur B. Bhairahawa C. Khumaltar D. Dhanusha

Q 28. Which among the following insecticides is banned in Nepal ?

- A. Phorate B. Endosulfan C. Monocrotophos D. All

Q 29. What is the recommended dose of chemical fertilier for Maize crop ?

- A. 100-30-30 B. 100-50-25 C. 60-30-30 D. 50-50-20

Q 30. Which methods of planting is suitable for cultivating in slopes ?

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

Q 31. Which of the following is the property of agricultural road ?

- A. Connects to Haat bazzar B. Connects production zone to market
C. Connects to highway D. All

Q 32. In what frequency is the Agriculture census conducted ?

- A. Every 5 years B. Every 10 years C. Every 15 years D. Every 20 years

Q 33. Which among the following is the disease of Wheat ?

- A. Blight B. Brown rust C. Loose smut D. All

Q 34. In the soil of pH value less than 6, toxicity of which of the following elements occurs ?

- A. Zinc B. Manganese C. Iron D. All

Q 35. How much nitrogen is found in the Farm Yard Manure ?

- A. 1.2 - 1.5 B. 1.5 - 2 C. 0.4 - 0.5 D. 0.8 - 1

Q 36. Which district of Nepal is popular for Sweet Orange ?

A. Gorkha

B. Parbat

C. Sindhuli

D. Chitwan

Q 37. School is the _____ method of extension.

A. Individual

B. Group

C. Mass

D. None of above

Q 38. Which acid is found in Mandarin orange ?

A. Malic acid

B. Citric acid

C. Ascorbic acid

D. None

Q 39. Rainbow trout fish was first imported from _____.

A. China

B. Japan

C. Iran

D. Taiwan

General Knowledge Multiple Choice: Agriculture (Set 9)

- Q1. The year 2020 AD is being celebrated as International Year of _____.
- A. Plant health B. Climate change C. Nutrition security D. Food security
- Q2. The Vision of National Agricultural Policy, 2061 is _____.
- A. Participation of farming community in planning and implementation
B. Identification of Resource poor farmers and provide them with facilities
C. Transformation of subsistence agriculture to commercial and competitive sector
D. Implementation of agricultural programs based on local necessity
- Q3. When was the Kalimati Fruits and Vegetable Wholesale Market established in order to support agricultural economic base ?
- A. 2051, Falgun 1 B. 2049, Chaitra 30 C. 2053, Baisakh 1 D. None of above
- Q4. Which among the following districts of Nepal has the least recorded rainfall ?
- A. Mustang B. Manang C. Rasuwa D. Solukhumbu
- Q5. When was the Agriculture census first conducted in Nepal ?
- A. 2014 B. 2018 C. 2022 D. 2026
- Q6. What is the current area under rice cultivation ?
- A. 14.7 lakh hectares B. 8.6 lakh hectares C. 12.4 lakh hectares D. 10.2 lakh hectares
- Q7. "Concern for society" is the _____ of Cooperative.
- A. Main motto B. Principle C. Objective D. None of above
- Q8. What is the expected SRR of major crops by the end of 15th periodic plan as envisioned by the plan ?
- A. 10 percent B. 15 percent C. 20 percent D. 25 percent
- Q9. Given that, an agricultural field is Southward sloping, it leads to _____.
- A. Loses moisture slowly compared to level field
B. Loses moisture quickly compared to level field
C. Becomes more fertile compared to the level field
D. Can be cultivated more cheaply compared to the level field in terms of labor cost

Q 10. Phorate, an insecticide, is used mostly in the form of _____.

- A. Powder B. Granule C. Paste D. Liquid

Q 11. Which among the following chemicals is regarded as best for organic cultivation ?

- A. Nuvan B. Dimecron C. Biopesticide D. Thiodan

Q 12. Where is the Ministry of Agriculture and Livestock Development located ?

- A. Hariharbhawan B. Khumaltar C. Singhadurbar D. Kritipur

Q 13. Which one is the latest released wheat variety ?

- A. Kanchan B. Vijay C. Wk-1205 D. Lekali

Q 14. Which technology saves water plus increase wheat productivity ?

- A. Normal till B. Zero till C. Heavy till D. None of above

Q 15. Highest proportion in Agriculture Gross Domestic Product (AGDP) is shared by which commodity ?

- A. Fruit B. Vegetable C. Livestock D. Cereals

Q 16. Striga is the weed which feeds _____ of cereals.

- A. Stem B. Leaf C. Root D. All of above

Q 17. Which is most important for seed production ?

- A. Isolation distance B. Crop rotation C. Irrigation D. Light

Q 18. The following seeds come under the category of orthodox seed.

- A. Coffee B. Litchi C. Vegetable D. Mango

Q 19. Drip irrigation is also known as _____.

- A. Surface irrigation B. Trickle irrigation C. Sprinkler irrigation D. All of above

Q 20. Which among the following fruit crops is pruned ?

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

Q 21. Agrostology deals with _____.

- A. Vegetables B. Insects C. Cereals D. Grasses

- Q 22. Percentage of innovator normally found in every society is _____.
A. 1.5 B. 2.5 C. 3.5 D. 4.5
- Q 23. Agriculture extension practiced by Universities popularly known as Land Grant was first popularized in which among following country ?
A. UK B. USA C. Japan D. Philippines
- Q 24. Normally a new technology requires _____ years to be fully adopted.
A. 3-5 years B. 4-6 years C. 6-10 years D. 8-12 years
- Q 25. What is the temperature and humidity requirement for cultivation of Oyster mushroom ?
A. 20-30 degree celcius, 80-90 percent RH B. 5-15 degree celcius, 50-60 percent RH
C. 15-20 degree celcius, 40-50 percent RH D. All of above
- Q 26. What type of bees are mostly raised in hilly region ?
A. *Apis mellifera* B. *Apis cerana* C. *Apis florea* D. None of above
- Q 27. Citrus canker is caused by _____.
A. Virus B. Bacteria C. Nematode D. Fungi
- Q 28. Which of the following is not a disease of Maize ?
A. Ear rot B. Loose smut C. Stalk rot D. Downy mildew
- Q 29. Which bacteria is used for biological nitrogen fixation ?
A. Clostridium B. Cyanobacteria C. Pyricularia D. Rhizobium
- Q 30. The major means of virus transmission in the field is _____.
A. Bird B. Insects C. Spider D. Human being
- Q 31. Which of the following elements is found abundant in soils of Nepal ?
A. Potassium B. Calcium C. Phosphorus D. Nitrogen
- Q 32. Which among the following countries developed the SALT Technology ?
A. Netherlands B. Philippinnes C. Japan D. Israel
- Q 33. Zinc is concentrated in the following parts of rice plant

- A. Root B. Straw C. Grain D. All of above

Q 34. Which crop has nodules on both roots and shoots ?

- A. Sesbania aculeata B. Sesbania rostrata
C. Sesbania grandiflora D. Sesbania bispinosa

Q 35. When was the Fertilizer control directive implemented ?

- A. 2050 BS B. 2055 BS C. 2057 BS D. 2058 BS

Q 36. The element added by the use of agriculture lime in the soil is _____.

- A. Calcium B. Magnesium C. Potassium D. Boron

Q 37. What is the relationship between price and quantity demanded of a normal commodity ?

- A. Inverse relationship B. Direct relationship
C. No relationship D. Nothing can be said

Q 38. What is the situation termed when price of commodity continuously rises?

- A. Deflation B. Inflation C. Both of above D. None of above

Q 39. Term microeconomics was coined by

- A. JM Kenyes B. Adam Smith C. Ragnar Frish D. Sidwick

Q 40. What does "marginal" signify in economics ?

- A. Poor B. Change C. Fragmented D. Refrained

Q 41. Reward for capital is _____.

- A. Rent B. Wage C. Interest D. Profit

Q 42. The term economics was derived from which word ?

- A. Latin B. Greek C. French D. German