

लोक सेवा आयोग
प्राविधिक शिक्षा तथा व्यावसायिक तालीम परिषद्, प्राविधिक तथा प्रशिक्षण, कृषि तथा भेटेरेनरी, कृषि,
सहायकस्तर द्वितीय, कृषि प्रशिक्षण सहायक पदको खुला प्रतियोगितात्मक लिखित परीक्षा
२०८१/०८/२१

KEY [D]

पत्र : द्वितीय
समय : ४५ मिनेट

पूर्णाङ्क : १००

विषय : सेवा सम्बन्धी

उत्तरपुस्तिकामा प्रश्नपत्रको KEY अनिवार्य रूपले उल्लेख गर्नुपर्नेछ । उल्लेख नगरेमा उत्तरपुस्तिका रद्द हुनेछ । परीक्षामा calculator, mobile प्रयोग गर्न पाइनेछैन ।

50x2=100 Marks

Multiple Choice

1. What is the role of an extension worker in technology dissemination?
A) Producer B) User C) Mediator D) Consumer
2. What is the disadvantage of individual contact of extension methods?
A) Difficult to convince B) Time and cost taking
C) Difficult to gather D) No response from client
3. What is the first step in the stages of adoption process?
A) Interest B) Evaluation C) Awareness D) Trial
4. Need assessment is done to identify
A) wants of the people B) present status of the people
C) local infrastructures D) gaps between the present status and desired outcome
5. A statistic measuring the dispersion of a dataset relative to its mean is called
A) standard deviation B) variance C) median D) mode
6. Which of the following is generally considered the most appropriate size of participants for focus group discussion (FGD)?
A) Less than 8 B) 8 to 12 C) 12 to 20 D) More than 20
7. Rational zone in production function begins when
A) $MP > AP$ B) $MP = AP$ C) $MP < AP$ D) $TP = 0$
8. Price line is also known as
A) Iso-revenue line B) Iso α line C) Ridge line D) Isoquant
9. Cost-Benefit Analysis (CBA) is a decision making tool used to evaluate of a project or action.
A) the financial costs B) non financial costs C) benefits D) all of the above
10. In which of the following markets interaction between producers/farmers and consumers is maximum?
A) Wholesale market B) Collection center
C) Hatbazaar D) Supermarket
11. How many days do bees take to make a queen?
A) 12 B) 16 C) 20 D) 24

Contd...

12. What is the scientific name of Button Mushroom?
A) *Pleurotus ostreatus* B) *Lentinula edodes*
C) *Agaricus bisporus* D) *Ganoderma lucidum*
13. Which of the following is not a native bee species of Nepal?
A) *Apis mellifera* B) *Apis cerana* C) *Apis dorsata* D) *Apis florae*
14. When upward velocity in flow exceeds settling velocity of detached particles transportation occurs by
- A) Saltation B) Abrasion C) Surface creep D) Suspension
15. What can be applied to improve acidic soil?
A) Gypsum B) Agriculture lime
C) Diammonium phosphate D) Murate of potash
- X 16. Which of the following is bio-engineering method of soil conservation?
A) Spurs B) Bench terrace C) Retaining walls D) Fascine
17. pH is the property of soil.
A) physical B) chemical C) microbial D) environmental
18. Which of the following chemical fertilizers contains both Nitrogen and Phosphorus?
A) Urea B) Zinc sulphate
C) Diammonium phosphate D) Ammonium sulphate
19. Taking soil sample from different layers of depth of soil is important for
- A) rice B) potato C) lentil D) mango
20. Soil organic carbon is a measurable component of which of the following?
A) Soil pH B) Available nitrogen
C) Soil organic matter D) Vegetation above soil surface
21. Which of the following crops needs more sulphur than other crops?
A) Mustard B) Lentil C) Sugarcane D) Potato
22. Certified seed 2nd generation has a tag with border.
A) Green B) Blue C) Yellow D) White
23. Which of the following is spring season rice?
A) Durga B) Laxmi C) Jaya D) Janaki
24. Ideal ratio of application of NPK fertilizer is
- A) 2:2:1 B) 1:1:1 C) 4:2:1 D) 2:1:1
25. Primarily Agronomy is an agricultural science, which deals with crops.
A) vegetable B) cereal C) underground D) fruit
26. In Terai region of Nepal, which of the following cropping patterns is mostly followed?
A) Rice-Maize B) Rice-Potato C) Rice-Wheat D) Rice-Millet
27. Which of the following crops needs high amount of seed per unit area of land?
A) Mustard B) Lentil C) Maize D) Wheat
28. At least how many times monitoring of seed production plot is necessary to maintain the quality seed production of wheat?
A) 2 B) 4 C) 6 D) 8

D-3, प्राविधिक तथा प्रशिक्षण, कृषि तथा मेटेरोलरी, कृषि, सहायकस्तर द्वितीय, कृषि प्रशिक्षण सहायक

29. Which of the following is the principle of conservation agriculture?
A) Minimum soil disturbance
B) Crop rotation
C) Permanent soil cover
D) All of the above
30. Which type of seeds is produced using breeder seeds?
A) Certified seeds
B) Foundation seeds
C) Improved seeds
D) Level seeds
31. SRI (System of Rice Intensification) प्रविधिबाट धान खेती गर्दा कति दिनको बेना सार्न सिफारिस गरिएको छ?
A) ८-१२
B) १२-१५
C) २१-२५
D) २५-३०
32. Which of the following is the indeterminate variety of tomato?
A) Roma
B) Bari-4
C) Gresko-1
D) Lapsigede
33. Spinach belongs to the family:
A) Cruciferae
B) Chenopodiaceae
C) Brassicaceae
D) Solanaceae
34. Sigatoka disease is seen in
A) Banana
B) Litchi
C) Mango
D) Grape
35. Optimum temperature for broccoli cultivation is
A) 5°-10°C
B) 12°-18°C
C) 20°-22°C
D) 25°-30°C
36. Which is the simple and quick method of propagation of mango?
A) Seed
B) Air layering
C) Stone grafting
D) Cutting
37. Pusa Anmol is the variety of
A) Tomato
B) Potato
C) Brinjal
D) Pigeon pea
38. Which of the following is a variety of mango?
A) Mungre
B) Mallika
C) Chitidar
D) Delicious
39. Which of the following is not the advantageous part of the plastic house cultivation?
A) Year-round vegetable production
B) Low cost of cultivation
C) Improved yields and quality
D) Enhanced water and nutrient efficiency
40. Which of the following crops has the highest post-harvest loss?
A) Cereals
B) Pulses
C) Oilseed crops
D) Vegetables
41. Bud wood certification is used for producing quality saplings of which fruit?
A) Mango
B) Litchi
C) Citrus
D) Kiwi
42. What is the function of Gibberellic Acid (GA) in plant growth?
A) Seed germination
B) Fruit development
C) Leaf elongation
D) All of the above
43. Black heart of potato is caused due to
A) Virus
B) Bacteria
C) Asphyxiation
D) Fungi
44. Causal organism of Powdery Mildew of citrus is
A) Oidium taninum
B) Podosphaera leucotricha
C) Podosphaera xanthi
D) Erysiphe cichoracearum
45. Which of the following is not a systemic insecticide?
A) Emamectin benzoate
B) Imidacloprid
C) Chloropyriphos
D) None of the above
46. Tuta absoluta is an invasive insect pest of which crop?
A) Cauliflower
B) Tomato
C) Coffee
D) Large cardamom

D - 4, प्राविधिक तथा प्रशिक्षण, कृषि तथा भेटेरेनरी, कृषि, सहायकस्तर द्वितीय, कृषि प्रशिक्षण सहायक

47. Which vector transmits leaf-curl disease in tomato?
A) Thrips B) White fly C) Aphid D) Nematode
48. Fin rot in fish is caused by
- A) Flexibactor columnaris B) Saprolegnia columnaris
C) Saprolegnia parasitica D) Branchiomyces sanguiginis+
49. Which of the following factors is not concerned or less concerned with fish cultivation?
A) Oxygen level and pH level B) Flood
C) Hailstorm D) Temperature
50. Which of the following is the most desirable pH of fish pond?
A) up to 4.5 B) 4.6 to 5.4 C) 5.5 to 6.4 D) 6.5 to 9

- The End -

उत्तरपुस्तिकामा KEY अनिवार्य रूपमा लेख्नुहोला ।