

Q1. Which of the following diseases are caused by bacteria?

- (a) Foot and Mouth disease
- (b) Rinderpest disease
- (c) Black quarter disease
- (d) Johne's disease

- (A) (c) and (d)
- (B) (a) and (d)
- (C) (a) and (b)
- (D) (b) and (c)
- (E) Question not attempted

S1. Ans (a)

Q2. Why are fruits called protective food?

- (a) They prevent soil degradation
- (b) They provide shade
- (c) Farmers can earn more income from fruit crops
- (d) They are full of vitamins and antioxidants

- (A) (c)
- (B) (d)
- (C) (a) and (b)
- (D) (a) and (c)
- (E) Question not attempted

S2. Ans (b)

Q3. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R:

Assertion A: Pasteurization of fruit juice is done to improve its keeping quality.

Reason R: Pasteurization kills the harmful microbes present in fruit juice.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct
- (C) Both A and R are correct and R is the correct explanation of A
- (D) Both A and R are correct but R is not the correct explanation of A
- (E) Question not attempted

S3. Ans (c)

Q4. Arrange the following products in ascending order of their TSS content:

- (a) Jelly

- (b) Jam
- (c) Squash
- (d) Fruit juice

- (A) (d), (c), (a), (b)
- (B) (d), (c), (b), (a)
- (C) (d), (b), (c), (a)
- (D) (a), (b), (c), (d)
- (E) Question not attempted

S4. Ans (a)

Q5. Which revolution is related to promoting horticulture?

- (a) White Revolution
- (b) Rainbow Revolution
- (c) Green Revolution
- (d) Golden Revolution
- (e) Question not attempted

S5. Ans (d)

Q6. Which of the popular vegetables belongs to Solanaceae family?

- (a) Cassava
- (b) Potato
- (c) Tomato
- (d) Brinjal

- (A) (a), (b) and (d)
- (B) (b) and (d)
- (C) (a), (b) and (c)
- (D) (b), (c) and (d)
- (E) Question not attempted

S6. Ans (d)

Q7. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R:

Assertion A: Ber trees are heavily pruned, which facilitate growth of new branches.

Reason R: Best time for pruning of Ber trees is December to January in Rajasthan.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct
- (C) Both A and R are correct and R is the correct explanation of A
- (D) Both A and R are correct but R is not the correct explanation of A
- (E) Question not attempted

S7. Ans (a)

Q8. Arrange in the correct sequence, the drying schedule of vegetables for preservation:

- (a) Blanching in boiling water
- (b) Preparation of raw material
- (c) Sulphitation in 0.5% KMS solution
- (d) Canning of vegetables

(A) (c), (b), (a), (d)

(B) (c), (a), (b), (d)

(C) (a), (b), (c), (d)

(D) (b), (a), (c), (d)

(E) Question not attempted

S8. Ans (d)

Q9. Match List-I with List-II (Match the deficiency syndromes with the Vitamins):

List-I (Vitamin Deficiency)	List-II (Disease)
(a) Vitamin A deficiency	(i) Pellagra
(b) Vitamin B complex deficiency	(ii) Rickets in young animals
(c) Vitamin C deficiency	(iii) Xerophthalmia/Night blindness
(d) Vitamin D deficiency	(iv) Scurvy

(A) (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)

(B) (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)

(C) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)

(D) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

(E) Question not attempted

S9. Ans (b)

Q10. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R:

Assertion A: Rajasthan's mineral resources are diverse and distributed across different regions.

Reason R: Rajasthan is a leading producer of calcite in India.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct
- (C) Both A and R are correct and R is the correct explanation of A
- (D) Both A and R are correct but R is not the correct explanation of A
- (E) Question not attempted

S10. Ans (a)

Q11. Arrange the steps of biofertilizer production in the correct order:

- (a) Packaging of biofertilizer
- (b) Production of broth culture
- (c) Mixing of broth culture with carrier material
- (d) Mother culture
- (e) Storage at cool and dry place

- (A) (d), (b), (c), (a), (e)
- (B) (d), (e), (b), (c), (a)
- (C) (b), (d), (c), (a), (e)
- (D) (b), (c), (d), (a), (e)
- (E) Question not attempted

S11. Ans (a)

Q12. Arrange the different steps of ghee making from butter in correct order:

- (a) Curd forms lumps and settles at bottom at  $110^{\circ}\text{C}$
- (b) Butter fat is melted at  $40\text{--}65^{\circ}\text{C}$
- (c) Curd scum disappears and takes granular form at  $120^{\circ}\text{C}$
- (d) Liquid is heated at  $95^{\circ}\text{C}$  until all water evaporates
- (e) Ghee is filtered

- (A) (d), (e), (a), (c), (b)
- (B) (b), (d), (e), (c), (a)
- (C) (b), (d), (a), (c), (e)
- (D) (a), (b), (c), (d), (e)
- (E) Question not attempted

S12. Ans (c)

Q13. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R:

Assertion A: Eating mango is good for eyesight.

Reason R: Mango contains high amount of Vitamin A.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct
- (C) Both A and R are correct and R is the correct explanation of A
- (D) Both A and R are correct but R is not the correct explanation of A
- (E) Question not attempted

S13. Ans (c)

Q14. Match List-I with List-II:

List-I	List-II
(a) Whiptail disease of cauliflower	(i) Deficiency of Boron
(b) Buttoning of cauliflower	(ii) Deficiency of Zinc
(c) Khaira disease of rice	(iii) Deficiency of Nitrogen
(d) Hollow heart disease of sugar beet	(iv) Deficiency of Molybdenum

Options:

- (a) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)
- (b) (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)
- (c) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)
- (d) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)
- (e) Question not attempted

S14. Ans (d)

Q15. Which of the following are used as biocontrol agent against insect pests?

- (a) Trichogramma chilonis
- (b) Paenibacillus popilliae
- (c) Trichoderma viride
- (d) Verticillium lecanii

Options:

- (a) (b), (c) and (d)
- (b) (c) and (d)
- (c) (a), (b) and (d)
- (d) (a), (c) and (d)
- (e) Question not attempted

S15. Ans (c)

Q16. Assertion (A): Herbicide resistance evolves following the intensive use of herbicide.  
Reason (R): Herbicide is used to control insect population in field.

Options:

- (a) A is correct but R is not correct
- (b) A is not correct but R is correct
- (c) Both A and R are correct and R is the correct explanation of A
- (d) Both A and R are correct but R is not the correct explanation of A
- (e) Question not attempted

S16. Ans (a)

Q17. Match List-I with List-II:

List-I	List-II
(a) Anthrax disease	(i) Caused by Virus
(b) Foot and Mouth disease	(ii) Caused by Bacteria
(c) Pleuro-Pneumonia disease	(iii) Caused by Protozoa
(d) Trypanosomiasis	(iv) Caused by Mycoplasma

Options:

- (a) (a)-(ii), (b)-(i), (c)-(iii), (d)-(iv)
- (b) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)
- (c) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)
- (d) (a)-(ii), (b)-(i), (c)-(iv), (d)-(iii)
- (e) Question not attempted

S17. Ans (d)

Q18. Match List-I with List-II:

List-I	List-II
(a) Mango	(i) Berry
(b) Grape	(ii) Drupe
(c) Okra	(iii) Balausta
(d) Pomegranate	(iv) Capsule

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Options:

- (a) (a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)
- (b) (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)
- (c) (a)-(ii), (b)-(i), (c)-(iii), (d)-(iv)
- (d) (a)-(ii), (b)-(i), (c)-(iv), (d)-(iii)
- (e) Question not attempted

S18. Ans (d)

Q19. Which district of Rajasthan is leader in horticultural production and known as ‘mini-Nagpur’?

- (a) Sawai Madhopur
- (b) Jhalawar
- (c) Bhilwara
- (d) Chittor
- (e) Question not attempted

S19. Ans (b)

Q20. Which of the following are popular varieties of Mango cultivated in India?

- (a) Alphonso
- (b) Langra
- (c) Fazli
- (d) Jyoti

Options:

- (a) (c), (b) and (d)
- (b) (a) and (b)
- (c) (a), (b) and (c)
- (d) (a), (b) and (d)
- (e) Question not attempted

S20. Ans (c)

Q21. Sirohi, Marwari, Black Bengal are popular breeds of:

- (a) Goat
- (b) Sheep
- (c) Cattle
- (d) Buffalo
- (e) Question not attempted

S21. Ans (a)

Q22. Phalaris minor (Foxtail weed) is a major weed in which crop?

- (a) Wheat
- (b) Maize
- (c) Rice
- (d) Chickpea
- (e) Question not attempted

S22. Ans (a)

Q23. Arrange the following feed material in ascending order of their Total Digestible Nitrogen (TDN) content:

- (a) Wheat bhusa
- (b) Jowar green
- (c) Gram
- (d) Wheat bran

Options:

- (a) (b), (a), (d), (c)
- (b) (a), (b), (d), (c)
- (c) (a), (b), (c), (d)
- (d) (d), (c), (b), (a)
- (e) Question not attempted

S23. Ans (b)

Q24. Milk protein is known as:

- (a) Cystine
- (b) Casein
- (c) Biotin
- (d) Cysteine
- (e) Question not attempted

S24. Ans (b)

Q25. Chronologically arrange the following saints of Rajasthan:

- (a) Pipa
- (b) Laldas
- (c) Dadu Dayal
- (d) Dhanna

Options:

- (a) (c), (d), (a), (b)
- (b) (d), (a), (b), (c)

(c) (a), (b), (c), (d)

(d) (b), (c), (d), (a)

(e) Question not attempted

S25. Ans (a)

Q26. Assertion (A): Pulses or legumes are important source of protein in Indian vegetarian diet.

Reason (R): Legumes can improve soil fertility through biological nitrogen fixation.

Options:

(a) A is correct but R is not correct

(b) A is not correct but R is correct

(c) Both A and R are correct and R is the correct explanation of A

(d) Both A and R are correct but R is not the correct explanation of A

(e) Question not attempted

S26. Ans (d)

Q27. Arrange the following crops in ascending order based on their irrigation requirements:

(a) Sorghum

(b) Rice

(c) Wheat

(d) Cotton

Options:

(a) (a), (d), (c), (b)

(b) (b), (c), (a), (d)

(c) (a), (b), (c), (d)

(d) (a), (c), (d), (b)

(e) Question not attempted

S27. Ans (a)

Q28. Assertion (A): Conservation Reserves are declared for the purpose of protecting landscape, flora, fauna and their habitat.

Reason (R): There is a plan to develop Urban Forest Garden in Muhana, Ratangarh and Ajmer.

Options:

(a) A is correct but R is not correct

(b) A is not correct but R is correct

(c) Both A and R are correct and R is the correct explanation of A

(d) Both A and R are correct but R is not the correct explanation of A

(e) Question not attempted

S28. Ans (a)

Q29. What are the factors responsible for soil degradation in dryland areas?

- (a) Lack of precipitation
- (b) Low clay content in soil
- (c) High soil organic matter content in soil
- (d) High soil erosion

Options:

- (a) (a), (c) and (d)
- (b) (a), (b) and (d)
- (c) (a), (b) and (c)
- (d) (b), (c) and (d)
- (e) Question not attempted

S29. Ans (b)

Q30. Arrange the following fruit crops in descending order of their production in India:

- (a) Guava
- (b) Citrus fruit
- (c) Mango
- (d) Pomegranate

Options:

- (a) (d), (a), (b), (c)
- (b) (d), (c), (b), (a)
- (c) (c), (b), (a), (d)
- (d) (a), (b), (c), (d)
- (e) Question not attempted

S30. Ans (c)

Q31. Rajasthan has been divided into \_\_\_\_\_ wildlife circles from the point of view of forest management.

- (a) 16
- (b) 18
- (c) 15
- (d) 17
- (e) Question not attempted

S31. Ans (c)

Q32. What is the causal agent of Bacterial blight of pomegranate?

- (a) *Fusarium oxysporum* pv. *cubensis*
- (b) *Colletotrichum gloeosporioides*

- (c) *Oidium jujube* pv. *indica*
- (d) *Xanthomonas axonopodis* pv. *punicae*
- (e) Question not attempted

S32. Ans (d)

Q33. Sodium Lauryl Sulphate-Teepol (SLST) Test is used for detection of which disease?

- (a) Brucellosis
- (b) Foot and Mouth disease
- (c) Anthrax
- (d) Mastitis
- (e) Question not attempted

S33. Ans (d)

Q34. Match List-I with List-II:

List-I	List-II
(a) Jowar	(i) Finger millet
(b) Bajra	(ii) Pearl millet
(c) Ragi	(iii) Little millet
(d) Kutki	(iv) Sorghum

Options:

- (a) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)
- (b) (a)-(ii), (b)-(iv), (c)-(iii), (d)-(i)
- (c) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)
- (d) (a)-(iv), (b)-(ii), (c)-(i), (d)-(iii)
- (e) Question not attempted

S34. Ans (d)

Q35. Central Institute for Subtropical Horticulture is located at:

- (a) Bikaner
- (b) Lucknow
- (c) Srinagar
- (d) Bangalore
- (e) Question not attempted

S35. Ans (b)

Q36. Assertion (A): Keeping the fruits and vegetables at low temperature (0–4°C) improve their shelf life.

Reason (R): Low temperature (0–4°C) increases the growth of micro-organisms.

Options:

- (a) A is correct but R is not correct
- (b) A is not correct but R is correct
- (c) Both A and R are correct and R is the correct explanation of A
- (d) Both A and R are correct but R is not the correct explanation of A
- (e) Question not attempted

S36. Ans (a)

Q37. Match List-I with List-II:

List-I	List-II
(a) Buffalo	(i) Chokla
(b) Cow	(ii) Red Sindhi
(c) Goat	(iii) Nili-Ravi
(d) Sheep	(iv) Jamunapari

Options:

- (a) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)
- (b) (a)-(i), (b)-(iii), (c)-(ii), (d)-(iv)
- (c) (a)-(iii), (b)-(ii), (c)-(i), (d)-(iv)
- (d) (a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)
- (e) Question not attempted

S37. Ans (d)

Q38. Arrange the following in ascending order of fat percentage:

- (a) Cow milk
- (b) Buffalo milk
- (c) Goat milk
- (d) Sheep milk

Options:

- (a) (a), (c), (b), (d)

- (b) (d), (c), (a), (b)
- (c) (d), (a), (c), (b)
- (d) (c), (a), (d), (b)
- (e) Question not attempted

S38. Ans (a)

Q39. Commonly used probiotics for better gut health are:

- (a) *Bacillus thuringiensis*
- (b) *Lactobacillus bulgaricus*
- (c) *Aspergillus niger*
- (d) *Streptococcus lactis*

- (A) (b) and (d)
- (B) (a) and (d)
- (C) (a) and (b)
- (D) (b) and (c)
- (E) Question not attempted

S39. Ans (a)

Q40. Why is crop rotation recommended in agriculture?

- (a) To improve soil fertility
- (b) Better utilization of nutrients of different soil strata
- (c) To increase weed population
- (d) To increase insect population

- (A) (c) and (d)
- (B) (a) and (d)
- (C) (a) and (b)
- (D) (b) and (c)
- (E) Question not attempted

S40. Ans (c)

Q41. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R:

Assertion A: The freezing point test is used to detect adulteration of milk with water.

Reason R: If milk is adulterated with water, fat and total solids decrease causing a rise in freezing point.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct

- (C) Both A and R are correct and R is the correct explanation of A  
 (D) Both A and R are correct but R is not the correct explanation of A  
 (E) Question not attempted

S41. Ans (C)

Q42. Early leaf spot disease of groundnut is caused by which pathogen?

- (A) *Xanthomonas axonopodis*  
 (B) *Polymyxa graminis*  
 (C) *Fusarium oxysporum*  
 (D) *Cercospora arachidicola*  
 (E) Question not attempted

S42. Ans (d)

Q43. Match List-I with List-II:

List-I (Traditional Methods of Water Conservation)	List-II (Characteristic)
(a) Bawari	(i) Unique stepwells
(b) Johad	(ii) Small earthen check dam
(c) Taanka	(iii) Cylindrical paved underground pit
(d) Kund	(iv) Saucer-shaped

- (A) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)  
 (B) (a)-(iii), (b)-(ii), (c)-(i), (d)-(iv)  
 (C) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)  
 (D) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)  
 (E) Question not attempted

S43. Ans (d)

Q44. Match List-I with List-II (Match the category of seeds with their specific label colour):

List-I (Seed Category)	List-II (Label Colour)
(a) Breeder Seed	(i) White

(b) Foundation Seed	(ii) Blue
(c) Certified Seed	(iii) Opal Green
(d) Labelled Seed	(iv) Golden Yellow

- (A) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)  
 (B) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)  
 (C) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)  
 (D) (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)  
 (E) Question not attempted

S44. Ans (d)

Q45. Arrange the steps of squash preparation in correct order:

- (a) Preparation of sugar syrup  
 (b) Selection of good quality fruits  
 (c) Mixing of fruit juice with syrup  
 (d) Cleaning of fruits and juice extraction  
 (e) Addition of preservatives
- (A) (b), (d), (e), (c), (a)  
 (B) (b), (a), (d), (e), (c)  
 (C) (b), (d), (c), (a), (e)  
 (D) (b), (d), (a), (c), (e)  
 (E) Question not attempted

S45. Ans (d)

Q46. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R:

Assertion A: Modern irrigation methods are developed to improve water use efficiency of crops.  
 Reason R: Sprinkler and drip irrigation methods use less water and can be used where water availability is low.

- (A) A is correct but R is not correct  
 (B) A is not correct but R is correct  
 (C) Both A and R are correct and R is the correct explanation of A  
 (D) Both A and R are correct but R is not the correct explanation of A  
 (E) Question not attempted

S46. Ans (C)

Q47. Match List-I with List-II:

List-I	List-II
(a) Mesorhizobium ciceri	(i) Azolla fern
(b) Bradyrhizobium japonicum	(ii) Chickpea
(c) Azorhizobium caulinodans	(iii) Soybean
(d) Anabaena	(iv) Dhaincha

(A) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

(B) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)

(C) (a)-(ii), (b)-(iv), (c)-(i), (d)-(iii)

(D) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)

(E) Question not attempted

S47. Ans (b)

Q48. Arrange the following gases in ascending order based on their concentration in Earth's atmosphere:

(a) Nitrogen (N<sub>2</sub>)

(b) Oxygen (O<sub>2</sub>)

(c) Carbon dioxide (CO<sub>2</sub>)

(d) Argon (Ar)

(A) (a), (b), (d), (c)

(B) (d), (b), (c), (a)

(C) (c), (d), (b), (a)

(D) (d), (b), (a), (c)

(E) Question not attempted

S48. Ans (c)

Q49. Arrange the following pulse crops in ascending order based on their area under cultivation in India:

- (a) Pigeonpea (Arhar)
- (b) Pea (Matar)
- (c) Green gram (Moong)
- (d) Chickpea (Chana)

(A) (a), (b), (c), (d)

(B) (a), (d), (c), (b)

(C) (d), (a), (b), (c)

(D) (b), (c), (a), (d)

(E) Question not attempted

S49. Ans (d)

Q50. National Research Center on Seed Spices is situated at:

(A) Jhansi

(B) Ajmer

(C) New Delhi

(D) Bhopal

(E) Question not attempted

S50. Ans (b)

Q51. Which of the following vitamins are fat soluble?

(a) Vitamin A

(b) Vitamin D

(c) Vitamin E

(d) Vitamin B complex

(A) (a), (b) and (c)

(B) (b) and (d)

(C) (a), (c) and (d)

(D) (a), (b) and (d)

(E) Question not attempted

S51. Ans (a)

Q52. Which of the following is a dual-purpose breed of cattle?

(A) Dangi

(B) Tharparkar

(C) Sindhi

(D) Sahiwal

(E) Question not attempted

S52. Ans (b)

Q53. What are the basic methods used for fruits preservation?

(a) Desiccation or drying

(b) Preservation at low temperature

(c) Addition of preservatives

(d) Increasing the moisture content of fruits

(A) (a), (b) and (c)

(B) (c) and (d)

(C) (a), (c) and (d)

(D) (b), (c) and (d)

(E) Question not attempted

S53. Ans (a)

Q54. Match List-I with List-II:

List-I	List-II
(a) Edible part of Lettuce	(i) Leaf
(b) Edible part of Cauliflower	(ii) Curd
(c) Edible part of Litchi	(iii) Pericarp
(d) Edible part of Ber	(iv) Fleshy aril

- (A) (a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)
- (B) (a)-(i), (b)-(iv), (c)-(ii), (d)-(iii)
- (C) (a)-(ii), (b)-(i), (c)-(iii), (d)-(iv)
- (D) (a)-(iii), (b)-(ii), (c)-(i), (d)-(iv)
- (E) Question not attempted

S54. Ans (a)

Q55. Match List-I with List-II:

List-I	List-II
(a) Tomato	(i) Amrapali
(b) Cauliflower	(ii) Gola
(c) Mango	(iii) Pusa Ruby
(d) Ber	(iv) Pusa Snowball

- (A) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)
- (B) (a)-(iv), (b)-(ii), (c)-(i), (d)-(iii)
- (C) (a)-(iv), (b)-(ii), (c)-(iii), (d)-(i)
- (D) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)
- (E) Question not attempted

S55. Ans (a)

Q56. Which of the following are popular buffalo breeds found in India?

- (a) Sahiwal
- (b) Murrah
- (c) Mehsana
- (d) Jaffarabadi

- (A) (b) and (c)
- (B) (a) and (b)
- (C) (a), (b) and (c)
- (D) (b), (c) and (d)
- (E) Question not attempted

S56. Ans (d)

Q57. What are the objectives of tillage practice?

- (a) To make soil loose and porous
- (b) To destroy weeds
- (c) To aerate the soil
- (d) To improve organic matter content in soil

- (A) (c) and (d)
- (B) (b) and (d)
- (C) (a), (b) and (c)
- (D) (b), (c) and (d)
- (E) Question not attempted

S57. Ans (c)

Q58. Given below are two statements:

Assertion A: India is the largest producer of milk in the world.

Reason R: Milk is rich source of Iron and Vitamin C.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct
- (C) Both A and R are correct and R is the correct explanation of A
- (D) Both A and R are correct but R is not the correct explanation of A
- (E) Question not attempted

S58. Ans (a)

Q59. Given below are two statements:

Assertion A: Use of probiotics promotes cattle gut health and milk productivity.

Reason R: Probiotics contain beneficial microbes which suppress harmful microbes and stimulate immune system.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct
- (C) Both A and R are correct and R is the correct explanation of A
- (D) Both A and R are correct but R is not the correct explanation of A
- (E) Question not attempted

S59. Ans (C)

Q60. Match List-I with List-II:

List-I (Agriculture Revolution)	List-II (Emphasis)
(a) Blue	(i) Oilseeds
(b) White	(ii) Horticulture
(c) Golden	(iii) Milk
(d) Yellow	(iv) Fisheries

- (A) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)  
 (B) (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)  
 (C) (a)-(i), (b)-(iv), (c)-(ii), (d)-(iii)  
 (D) (a)-(i), (b)-(iii), (c)-(iv), (d)-(ii)  
 (E) Question not attempted

S60. Ans (a)

Q61. Match List-I with List-II:

List-I	List-II
(a) Herbicide	(i) Kill nematodes
(b) Rodenticide	(ii) Kill rats
(c) Nematicide	(iii) Kill weeds
(d) Molluscicide	(iv) Kill snails

- (A) (a)-(iii), (b)-(ii), (c)-(i), (d)-(iv)  
 (B) (a)-(ii), (b)-(i), (c)-(iii), (d)-(iv)  
 (C) (a)-(i), (b)-(iii), (c)-(iv), (d)-(ii)  
 (D) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)  
 (E) Question not attempted

S61. Ans (a)

Q62. Given below are two statements:

Assertion A: Silage is palatable and laxative feed used during scarcity of green fodder.

Reason R: Green forage preserved by fermentation in silo is called silage.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct
- (C) Both A and R are correct and R is the correct explanation of A
- (D) Both A and R are correct but R is not the correct explanation of A
- (E) Question not attempted

S62. Ans (C)

Q63. Arrange the steps of curd making in correct order:

- (a) Homogenization of milk
- (b) Preheating of milk at 35–40°C
- (c) Inoculation of starter culture
- (d) Incubation at 22–25°C for 10–16 hours
- (e) Pasteurization at 80°C for 15–30 minutes

- (A) (b), (a), (e), (c), (d)
- (B) (c), (d), (b), (a), (e)
- (C) (a), (b), (c), (d), (e)
- (D) (b), (a), (c), (d), (e)
- (E) Question not attempted

S63. Ans (a)

Q64. Given below are two statements:

Assertion A: Weeding is an important agricultural practice which improves crop growth and yield.

Reason R: Weeds compete with crop plants for nutrients, water and other resources.

- (A) A is correct but R is not correct
- (B) A is not correct but R is correct
- (C) Both A and R are correct and R is the correct explanation of A
- (D) Both A and R are correct but R is not the correct explanation of A
- (E) Question not attempted

S64. Ans (C)

Q65. Which irrigation method was developed in Israel?

- (A) Furrow irrigation
- (B) Border strip irrigation
- (C) Drip irrigation

- (D) Sprinkler irrigation
- (E) Question not attempted

S65. Ans (C)

Q66. निम्नलिखित में से कौन सा उदाहरण गुण सन्धि से सम्बन्धित नहीं है?

- (a) आत्मोत्सर्ग
- (b) उपेक्षा
- (c) उपर्युक्त
- (d) एकेश्वर
- (e) कृपाचार्य

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

- (A) (b) और (d)
- (B) (d) और (e)
- (C) (a) और (c)
- (D) (c) और (e)
- (E) अनुत्तरित प्रश्न

S66. Ans. (D)

Q67. शब्द और विलोम का कौन सा युग्म सही नहीं है?

- (A) धृष्ट - नम्र
- (B) दुर्दान्त - शान्त
- (C) तप्त - तृप्त
- (D) त्यक्त - ग्रहीत
- (E) अनुत्तरित प्रश्न

S67. Ans. (C)

Q68. निम्नलिखित में से 'दीर्घ - गुण - वृद्धि - अयादि' सन्धि के उदाहरणों को पहचानकर इसी क्रम में व्यवस्थित कीजिए:

- (a) महोदय
- (b) पवित्र
- (c) वनौषधि
- (d) सूक्ति

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

- (A) (d), (a), (c), (b)
  - (B) (b), (d), (a), (c)
  - (C) (a), (b), (c), (d)
  - (D) (b), (a), (d), (c)
  - (E) अनुत्तरित प्रश्न
- S68. Ans. (A)

Q69. निम्नलिखित में से कौन से शब्दों में प्रत्यय संबंधी अशुद्धि है?

- (a) आवश्यकीय
- (b) दायित्व
- (c) अधीन
- (d) पूज्यनीय
- (e) व्यावसायिक

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

- (A) (a) और (d)
  - (B) (b) और (d)
  - (C) (b) और (e)
  - (D) (a) और (c)
  - (E) अनुत्तरित प्रश्न
- S69. Ans. (A)

Q70. सूची-I को सूची-II से सुमेलित करें:

सूची-I (पारिभाषिक शब्द)	सूची-II (हिन्दी शब्द)
(a) Direction	(i) निदेश
(b) Order	(ii) आदेश
(c) Instruction	(iii) अनुदेश
(d) Ordinance	(iv) अध्यादेश

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर चुनें:

- (A) (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)
  - (B) (a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)
  - (C) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)
  - (D) (a)-(ii), (b)-(i), (c)-(iii), (d)-(iv)
  - (E) अनुत्तरित प्रश्न
- S70. Ans. (C)

Q71. इनमें से कौन गलत हैं?

- (a) जिसके दोनों ओर जल है - जलधर
- (b) जिसे मन पवित्र मानता है - मनःपूत
- (c) सोना, चाँदी पर किया गया रंगीन काम - पच्चीकारी
- (d) हाथ की सफाई - हस्तलाघव
- (e) कुएँ की जगत - वीनाह

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

- (A) (c) और (d)
- (B) (b) और (e)
- (C) (a) और (c)
- (D) (a) और (e)
- (E) अनुत्तरित प्रश्न

S71. Ans. (D)

Q72. नीचे शब्द युग्मों के क्रम से अर्थ दिए हुए हैं, इनमें से असंगत विकल्प की पहचान कीजिए:

- (A) कोष, कोश - शब्द-संग्रह, खजाना
- (B) आकर, आकार - खान, रूप
- (C) अभय, उभय - निर्भय, दोनों
- (D) अलि, अली - भौरा, सखी
- (E) अनुत्तरित प्रश्न

S72. Ans. (A)

Q73. इनमें से 'अव्ययीभाव - तत्पुरुष - कर्मधारय - द्वन्द्व - द्विगु' समासों के उदाहरण पहचानकर इसी क्रम में लगाइए:

- (a) सज्जन
- (b) पसेरी
- (c) हरिशंकर
- (d) बेरहम
- (e) पाकेटमार

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

- (A) (b), (d), (c), (e), (a)
- (B) (a), (e), (d), (c), (b)
- (C) (d), (e), (a), (c), (b)
- (D) (d), (c), (a), (b), (e)
- (E) अनुत्तरित प्रश्न

S73. Ans. (C)

Q74. सूची-I को सूची-II से सुमेलित करें:

सूची-I (विग्रह)	सूची-II (समास)
(a) कृष्ण के लिए अर्पण	(i) बहुव्रीहि
(b) विद्या ही है रत्न	(ii) तत्पुरुष
(c) तीनों भुवनों का समाहार	(iii) कर्मधारय
(d) सात हैं खण्ड जिसमें	(iv) द्विगु

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर चुनें:

- (A) (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)  
(B) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)  
(C) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)  
(D) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)  
(E) अनुत्तरित प्रश्न

S74. Ans. (B)

Q75. इनमें से कौन सा शब्द 'पर' उपसर्ग से निर्मित नहीं है?

- (a) पराक्रम  
(b) पराजय  
(c) पराधीन  
(d) परदेश  
(e) परतंत्र

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

- (A) (a) और (b)  
(B) (d) और (c)  
(C) (b) और (d)  
(D) (a) और (e)  
(E) अनुत्तरित प्रश्न

S75. Ans. (A)

Q76. निम्नलिखित विकल्पों में से मुहावरे और उसके अर्थ के असंगत युग्म की पहचान कीजिए:

- (A) हाथ के तोते उड़ना - स्तब्ध होना  
(B) सर्द हो जाना - डर जाना  
(C) लोहा मानना - श्रेष्ठ समझना  
(D) हाथ पैर मारना - बहुत पछताना  
(E) अनुत्तरित प्रश्न

S76. Ans. (D)

Q77. सूची-I को सूची-II से सुमेलित करें:

सूची-I (तद्धित प्रत्यय)	सूची-II (निर्मित शब्द)
(a) ई	(i) मोरनी
(b) की	(ii) कमती
(c) ती	(iii) नर्तकी
(d) नी	(iv) कनकी

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर चुनें:

- (A) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)  
(B) (a)-(iii), (b)-(ii), (c)-(i), (d)-(iv)  
(C) (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)  
(D) (a)-(iii), (b)-(iv), (c)-(ii), (d)-(i)  
(E) अनुत्तरित प्रश्न

S77. Ans. (D)

Q78. 'ढाक के तीन पात' लोकोक्ति का अर्थ है:

- (A) परिणाम कुछ भी नहीं निकलना  
(B) घूम-फिरकर अपना ही लाभ सोचना  
(C) मूर्ख द्वारा शेखी बघारना  
(D) काम न करने के बहाने खोजना  
(E) अनुत्तरित प्रश्न

S78. Ans. (A)

Q79. सूची-I को सूची-II से सुमेलित करें:

सूची-I (शब्द)	सूची-II (पर्यायवाची)
(a) नदी	(i) आपगा
(b) धूप	(iv) आतप
(c) पक्षी	(ii) शकुन्त
(d) झील	(iii) कासार

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर चुनें:

- (A) (a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)  
(B) (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)  
(C) (a)-(i), (b)-(iv), (c)-(ii), (d)-(iii)  
(D) (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)  
(E) अनुत्तरित प्रश्न

S79. Ans. (C)

Q80. निम्नलिखित वाक्य-खण्डों को क्रम से व्यवस्थित कर सार्थक वाक्य बनाइए:

- (a) लेकर
- (b) मिठाई
- (c) लड़का
- (d) घर आया
- (e) दौड़ता हुआ

नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए:

- (A) (c), (b), (a), (e), (d)
- (B) (b), (a), (d), (e), (c)
- (C) (a), (b), (c), (d), (e)
- (D) (b), (c), (d), (e), (a)
- (E) अनुत्तरित प्रश्न

S80. Ans. (A)