

# CLASS IX GUESS PAPER SCIENCE

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## *Improvement in Food Resources*

- Increase in the oil production is –
  - Golden revolution
  - yellow revolution
  - white revolution
  - Blue revolution.
- Growing different crops in the same field in a preplanned succession is -
  - Crop management
  - crop rotation
  - intercropping
  - plant breeding.
- Which one of the following is a micronutrient for the crop–
  - magnesium
  - potassium
  - Calcium
  - iron.
- Growing two or more crops in definite row pattern is –
  - Mixed cropping
  - crop rotation
  - inter cropping
  - mixed cropping
- The technique used to obtain a variety with high yield and other desirable characters is -
  - selection
  - hybridisation
  - introduction
  - both a and c.
- Pulses are rich in -
  - Proteins
  - vitamins and minerals
  - carbohydrates
  - oil
- Organic farming does not include which of the following -
  - Crop rotation
  - green manure
  - chemical fertilizers
  - farmyard manures.
- Sustainable agriculture involves –
  - mixed farming
  - crop rotation
  - mixed cropping
  - all of them
- Which of the following is not a draught animal –
  - camel
  - sheep
  - horse
  - elephant
- Which of the following is micronutrient –
  - Phosphorus
  - calcium
  - boron
  - nitrogen
- The places for keeping and studying dry plants is known as -
  - herbarium
  - museum
  - asylum
  - folium.
- Layers continue to egg up to?
  - 350 days
  - 425 days
  - 500 days
  - 600 days.
- The Jersey bull used for cross breeding is exotic variety from -
  - England
  - South Africa
  - Scotland
  - Denmark.
- Wax glands of honey bees are present in–
  - worker
  - queen
  - drone
  - all of them.
- Which of the following is the high milk yielding variety of cow –
  - Red Sindhi
  - Sahiwal
  - Holstein
  - Dorset.
- The method commonly used in cattle breeding is -
  - Controlled breeding
  - random mating
  - artificial insemination
  - embryo transfer.
- When both crops and livestock are raised on the same farm, it is called -

- a. Crop rotation      b. mixed farming      c. mixed cropping      d. intercropping
18. Living organisms are used in –  
a. Organic manure      b. natural insecticides      c. pesticides      d. biofertilizers
19. The main cereal crop in India is –  
a. sugarcane      b. rice      c. wheat      d. maize
20. Exotic breed of poultry bird having high egg laying capacity is –  
a. Broilers      b. white leghorn      c. aseel      d. busra.
21. Which of the following has the maximum lactation period –  
a. Sahiwal      b. Holstein-Friesian      c. Karan-Swiss      d. Frieswal
22. Which of the following statement is correct about the fertilizers -  
a. Nutrient specific      b. easy to transfer      c. water insoluble      d. readily absorbable.
23. Which of the following is a weed –  
a. Xanthium      b. parthenium      c. motha      d. all of them
24. Which of the following is maximum milk yielding buffalo –  
a. Mehsana      b. Surti      c. Nagpuri      d. Murrah.
25. All animals and human beings are –  
a. saprotrophic      b. parasitic      c. autotrophic      d. heterotrophic.
26. Which of the following is natural insecticide?  
a. Nicotine      b. pyrethrum      c. Neem      d. all of them.
27. Which one is an oil yielding plant among the following –  
a. Lentil      b. cauliflower      c. Sunflower      d. hibiscus
28. Which of the following is a leguminous green fodder commonly available in winter?  
a. Cow pea      b. maize and jowar      c. berseem      d. elephant grass
29. Which is the most important source of food and fodder -  
a. Cereal      b. fungi      c. algae      d. lichen
30. Which one of the following species of the honey bee is an Italian species?  
a. Apis mellifera      b. Apis dorsata      c. Apis florae      d. Apis cerana indica
31. Application of nitrogenous manure to a plant causes –  
a. Early flowering      b. early fruiting      c. vigorous growth      d. growth retardation.
32. Which of the following is a surface feeder –  
a. rohus      b. mriglas      c. common carps      d. catlas
33. The process of crop breeding two different varieties of crop plants each having a desired characteristic is –  
a. introduction      b. selection      c. hybridization      d. crossing
34. Which of the following is not an exotic breed of cow -  
a. Jersey      b. Sahiwal      c. Brown Swiss      d. Holstein
35. Poultry bird lays maximum number of eggs –  
a. ILS-82      b. IBL-80      c. HH-260      d. B-77
36. Which one of the following is the fastest growing carp -  
a. Rohu      b. Catla      c. Mrigal      d. Singhara
37. The element which is required in largest quantity by the plant is –  
a. Magnesium      b. sulphur      c. nitrogen      d. calcium

38. Nodules with nitrogen fixing bacteria is present in -  
a. maize                      b. cotton                      c. gram                      d. rice
39. Poultry farming is undertaken for the following –  
a. Egg production      b. feather production      c. chicken meat      d. milk production  
i. a and b      ii. a and c      iii. b and c      iv. c and d
40. Animal husbandry is done for the following purpose –  
a. Milk production      b. Agriculture work      c. Meat production      d. egg production  
i. a, b and c      ii. b, c and d      iii. c and d      iv. a and d
41. Which of the following are Indian cattle?  
a. Bos indicus      b. Bos bubalis      c. Bos domestica      d. Bos vulgaris  
i. a and c      ii. a and b      iii. c and d      iv. b and c
42. Which one of the following is not a source of carbohydrates –  
a. Rice      b. millets      c. sorghum      d. gram
43. Poultry fowl are susceptible to the following pathogens -  
a. viruses      b. bacteria      c. fungi      d. all of them
44. Which of the following is nutrient is not available in fertilizers?  
a. nitrogen      b. phosphorus      c. potassium      d. iron
45. Preventive and control measures adopted for storage of grains include -  
a. Strict cleaning      b. fumigation      c. proper disjoining      d. all of them.
46. Inland fisheries are referred to –  
a. culturing fish in fresh water.      b. extraction of oil from fishes  
c. deep sea fisheries      d. capturing fishes from sea water.
47. Plants can be made disease resistant by which of the following treatment –  
a. heat treatment      b. hormone treatment  
c. embryo transfer      d. breeding with their wild relatives.
48. Which of the following is not provided by the milk –  
a. Minerals like calcium and phosphorus.      b. Iron.  
c. Carbohydrates, proteins and fats.      d. Vitamin A and D.
49. Which of the following statement is correct about the manure -  
a. Supplies organic matter      b. prevents soil erosion  
c. supplies nitrogen      d. causes water logging
50. The common biofertilizers used in organic farming are –  
a. Green manure      b. nitrogen fixing bacteria and cyanobacteria  
c. motha      d. guar.
51. To solve the food problem of the country, which of the following is necessary?  
a. Increased production and storage of food grains.  
b. Easy access of the people to the food grain.  
c. People should have the money to purchase the grains.  
d. All of the above.
52. Which of the following is the wrong statement?  
a. White revolution is meant for increase in milk production.

- b. Blue revolution is meant for increase in fish production.  
c. Increasing food production without compromising with environment quality is known as sustainable agriculture.  
d. None of them.
53. Weeds affect the crop plants by -  
a. Killing the plants in the field before they grow.  
b. Dominating the plants to grow.  
c. Competing for various resources of crops causing low availability of nutrients.  
d. All of the above.
54. Choose the correct answer –  
I. Hybridisation means crossing between genetically dissimilar plants.  
II. Cross between two varieties is known as inter specific hybridisation.  
III. Introducing genes of desired characters into a plant gives genetically modified crop.  
IV. Cross between plants of two species known as inter generic hybridisation.  
a. I and iii            b. ii and iv            c. ii and iii            d. iii and iv
55. Find out the correct statement about the manure.  
a. Manure contains large quantities of organic matter and quantities of nutrients.  
b. It helps out in graining out of excess of water from clayey soil.  
c. It increases the water holding capacity of soil.  
d. Its excessive use pollutes environment because it is made of animal excretory waste.  
i. a, b and c            ii. a and c            iii. b and c            iv. c and d

*MCCs : Improvement in Food Resources*

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