



Drishti IAS Presents...

PT

SPRINT 2022

AGRICULTURE

(January 2021 – March 2022)



**Multiple
Choice
Questions**

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1. Consider the following statements regarding the 'Saffron cultivation':

1. It requires temperatures ranging from no more than 35 or 40 degree Celsius in summer to about -15 or -20 degree Celsius in winter.

2. It requires adequate rainfall of 1000-1500 mm per annum.

Which of the statements given above is/are correct?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

2. Consider the following statements :

1. Crop diversification refers to the addition of new crops or cropping systems to agricultural production on a particular farm.

2. Crop Diversification is good for soil and can also provide enhanced crop productivity.

Which of the statements given above is/are correct?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

3. Consider the following statements :

1. India is the world's third largest milk producer.
2. Uttar Pradesh is the largest producer of milk in India.

Which of the statements given above is/are correct?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

4. Consider the following statements:

1. Millets are not water or input-intensive crops.
2. Millets are gluten free and low glycemic index food.

Which of the above statement/s is/are correct?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

5. With reference to cotton, which of the following statements is/are correct?

1. It is a drought resistant crop and is suitable for arid climates.
2. The soil of the Deccan plateau is suitable for growing cotton crops.
3. Gujarat is the leading cotton producing state of India.

Select the correct answer using the code given below:

- A. 1 and 2 only
B. 2 only
C. 1 and 3 only
D. 1, 2 and 3

6. Consider the following:

1. Jeevamrutha
2. Bijamrita
3. Acchadana
4. Whapasa

Which of the above are the pillars of Zero Budget Natural Farming (ZBNF)?

- A. 1, 2, and 3 only
B. 1 and 2 only
C. 2 and 4 only
D. 1, 2, 3 and 4

7. Which of the following is/are the features of precision agriculture?

1. Higher agricultural productivity.
2. More chemical application in crop production.
3. Efficient use of water resources.

Select the correct answer using the code given below:

- A. 1 and 2 only
B. 2 and 3 only
C. 1 and 3 only
D. 1, 2 and 3

8. Which of the following is/are the significance of Natural Farming?

1. Minimized cost of production
2. Reduced water consumption
3. Resilience to crops against weather extremities

Select the correct answer using the code given below:

- A. 1 and 3 only
B. 2 and 3 only
C. 1 only
D. 1, 2 and 3

9. Consider the following statements:

1. This was illegally smuggled Arab region into India
2. A hot and humid climate with temperatures ranging between 15°C and 28 °C are required.
3. Naturally grows in the Western and Eastern Ghats.

The above statements most appropriately are related to which of the following crops.

International Labour Organisation

- A. Tobacco
B. Nigiri Tea
C. Coffee
D. Cashewnut

10. Consider the following statements:

1. India was the world's top rice exporter in the year 2020.
2. Majority of India's basmati rice goes to African countries.
3. Golden rice is the best naturally grown variety of basmati rice.

Which of the statements given above is/are correct?

- A. 1 only
- B. 1 and 2 only
- C. 3 only
- D. 2 and 3 only

11. Consider the following statements:

1. Tea is a tropical and sub-tropical plant and grows well in hot and humid climates.
2. The ideal temperature for its growth is 20°- 30°C.
3. The most suitable soil for tea cultivation is slightly acidic soil.

Which of the statements given above is/are correct?

- A. 1 only
- B. 1 and 3 only
- C. 2 only
- D. 1, 2 and 3

12. India has approved commercial cultivation of which of the following Genetically Modified (GM) crops?

1. Bt cotton
2. Golden rice
3. HtBt cotton
4. Bt brinjal

Select the correct answer using the code given below:

- A. 1 and 2 only
- B. 2 and 4 only
- C. 1 only
- D. 1, 3 and 4

13. Which of the following is/are correct regarding 'Rabi Crop'?

1. A warm climate is required for seed germination of crops.
2. These crops totally depend on the rainfall.
3. Pulses and millets are among the key Rabi crops.

Select the correct answer using the code given below:

- A. 1 only
- B. 2 and 3 only
- C. 3 only
- D. 1, 2 and 3

14. Consider the following statements:

1. It is used for condiments, dyes, drugs, cosmetic and religious purposes.
2. India is a leading producer and exporter.
3. It requires high rainfall and an altitude of 1500m for growth.

The above statements most appropriately is related to which of the following agricultural products:

- A. Turmeric
- B. Tobacco
- C. Saffron
- D. Apricot

15. With reference to Paddy Transplantation, Consider the following statements:

1. Under this seedlings are transplanted and have to be "puddled" or tilled in standing water.
2. It is done because water acts as a natural pesticide.
3. It is both labour- and water-intensive.

Which of the above statements is/are correct?

- A. 1 only
- B. 2 only
- C. 1 and 2 only
- D. 1, 2 and 3 only

16. Consider the following statements:

1. Sorghum plants can withstand high temperature and drought conditions.
2. Medium to deep black soils are predominantly suitable for growing sorghum.
3. The sorghum grain has a low glycaemic index.

Which of the statements given above is/are correct?

- A. 1 and 2 only
- B. 2 only
- C. 3 only
- D. 1, 2 and 3

17. Which of the following statements best describes the "Harit Dhara"?

- A. It is a programme launched to create awareness regarding the harmful impacts of monoculture.
- B. It is a feed supplement developed to cut down methane emissions by cattle.
- C. It is an initiative for rejuvenation of land which is deteriorated by overgrazing of cattle.
- D. It is aimed at developing and conserving indigenous breeds of bovine population.

18. Consider the following statements:

1. India is the owner of the highest number of livestock globally.
2. The contribution of Livestock in agriculture and allied sectors has declined in the last decade.
3. The National Livestock Mission (NLM) is being implemented as a sub scheme of White Revolution.

Which of the statements given above is/are correct?

- A. 1 and 2 only
- B. 2 only
- C. 2 and 3 only
- D. 1 and 3 only

19. Consider the following:

1. Genetically Modified crops
2. Quarantine system
3. Germ warfare

Which of the above methods can be deployed as the Pest Controlling Methods?

- A. 1 only B. 2 only
C. 2 and 3 only D. 1, 2 and 3

20. Consider the following statements:

1. There has been a depleting trend in grain density of zinc and iron in rice and wheat cultivated in India since the 1960's.
2. The nutrient loss in wheat & rice is caused in response to higher grain yield.

Which of the statements given above is/are correct?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

21. Consider the following statements:

1. The natural rubber plantation requires a temperature above 25°C with a moist and humid climate.
2. The Genetically Modified (GM) rubber plant with MnSOD gene can withstand environmental stresses such as cold and drought.
3. In India, Tamil Nadu is a top rubber producing state.

Which of the statements given above is/are correct?

- A. 1 and 2 only
B. 2 and 3 only
C. 2 only
D. 3 only

22. Consider the following statements regarding Bamboo:

1. The Indian Forest Act 1927 was amended in 2017 to remove bamboo from the category of trees.
2. The CSIR has designed an 'oxygen park' at Karnataka with Beema Bamboo.
3. The Beema Bamboo is one of the fastest growing plants and the best carbon sink to mitigate carbon dioxide emissions.

Which of the statements given above is/are not correct?

- A. 1 only
B. 2 only
C. 3 only
D. 1 and 3 only

23. Consider the following statements regarding Oilseeds:

1. The Green revolution was associated with increasing the production of edible oils.
2. The Ministry of Agriculture & Farmers Welfare has formulated Kharif Strategy 2021 to achieve self-sufficiency in edible oils.
3. India is globally one of the largest producers of groundnut and Rapeseed.

Which of the statements given above is/are correct?

- A. 1 and 2 only
B. 2 and 3 only
C. 1 only
D. 1, 2 and 3

24. Consider the following statements regarding cropping systems:

1. Agroforestry promotes spatial diversity only.
2. Crop rotation equally promotes both spatial and temporal diversity of crops.

Which of the statements given above is/are correct ?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

25. With reference to Cropping Intensity, consider the following statements:

1. It refers to raising of a number of crops on the same field during one agricultural year.
2. The cropping intensity today has registered more than 50% increase since independence.

Which of the statements given above is/are correct ?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

26. With reference to the Sugarcane Cultivation, consider the following statements:

1. Sugarcane is a tropical as well as a subtropical crop.
2. Uttar Pradesh is the largest sugarcane producer state in India.

Which of the statements given above is/are correct?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

27. With reference to CSIR Floriculture Mission, consider the following statements:

1. Council of Scientific and Industrial Research (CSIR) is the only implementing body for the mission.
2. It will lead to the growth of the Apiculture.

Which of the statements given above is/are correct ?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

28. Consider the following statements:

1. Gluten is naturally found in certain cereal grains.
2. Celiac disease is the severe form of gluten intolerance.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

29. Which of the following statements is/are correct about Millet:

1. It is a drought-resistant crop referred to as Superfood.
2. India does not grow any indigenous variety of millet crop.
3. Millet crops contain high calcium and protein content.

Select the correct answer using the code given below:

- A. 1 and 2 only
- B. 2 only
- C. 1 and 3 only
- D. 1, 2 and 3

30. With reference to Purple revolution, consider the following statements:

1. It is related to cultivation of lavender.
2. Council of Scientific and Industrial Research (CSIR) is the body responsible for the purple revolution.

Which of the statements given above is/are correct ?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

31. With reference to silk production in India, consider the following statements:

1. India produces only two major varieties of silk, namely Mulberry and Muga.
2. The five major types of silk of commercial importance are Mulberry, Oak Tasar & Tropical Tasar, Muga and Eri.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

32. Which of the following crops are covered under Operation Greens?

1. Tomato
2. Oilseeds
3. Onion
4. Potato

Select the correct answer using the code given below:

- A. 2 and 3 only
- B. 3 and 4 only
- C. 1, 3 and 4
- D. 1, 2, 3 and 4

33. Consider the following statements regarding 'Genetically Modified Crops':

1. It is a plant breeding process that involves crossing of species of the same genus to provide the offspring of desired traits.
2. DMH-11 mustard is the only Genetically Modified (GM) crop that is allowed in India.
3. Council of Scientific and Industrial Research (CSIR) is the apex body that allows for commercial release of GM crops.

Which of the statements given above is/are not correct?

- | | |
|-----------------|-----------|
| A. 1 and 2 only | B. 2 only |
| C. 2 and 3 only | D. 3 only |

34. Consider the following statements:

1. Geo-textile is a permeable material used to prevent drains from clogging.
2. Geo-textile material is used to protect the soil from erosion.

Which of the statements given above is/are correct?

- | | |
|-----------------|--------------------|
| A. 1 only | B. 2 only |
| C. Both 1 and 2 | D. Neither 1 nor 2 |

35. With reference to Genetically Modified Organisms (GMOs), consider the following statements:

1. Recently, India has set a 10% threshold limit for Genetically Modified Organisms (GMO) in imported food crops.
2. The task of regulating GMO levels in imported consumables lies with the Genetic Engineering Appraisal Committee (GEAC).
3. Genetic Engineering Appraisal Committee (GEAC) is the apex body that allows for commercial release of GM crops in India.

Which of the statements given above is/are correct?

- A. 2 and 3 only B. 3 only
C. 1 and 3 only D. 1, 2 and 3

36. Consider the following statements:

1. Nendran Bananas are cultivated in Thrissur district of Kerala.
2. The Nendran Bananas got their Geographical Indication (GI) Tag in 2014.

3. IIT-Madras has developed a new product called Banana Grit from the raw Nendran Bananas.

Which of the statements given above is/are not correct?

- A. 1 and 2 only
B. 2 only
C. 3 only
D. 2 and 3 only

37. Consider the following:

1. A photoperiod of 12 hours
2. Calcareous soil - having calcium carbonate in abundance
3. Explicit climatological summer and winter

Which of the conditions mentioned above is/are necessary for growing saffron?

- A. 1 and 2 only
B. 2 and 3 only
C. 2 only
D. 1, 2 and 3

