

## Agriculture | Important Assertion and Reason mcqs | class 10th

Here are the Assertion & Reason Questions of Chapter 4 'Agriculture'. These questions will help you practice different types of questions which can be asked in exams.

### Must practice these Assertion/Reason questions

**Q.1 Assertion (A):** Agriculture is a primary activity in India that supports most of the population.

**Reason (R):** Two-thirds of India's population is engaged in agricultural activities.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer:** a) Both A and R are true, and R explains A

**Explanation:** Since a major part of India's population depends on farming, it is rightly considered a primary activity.

**Q.2 Assertion (A):** Primitive subsistence farming is dependent on modern tools and technologies.

**Reason (R):** Farmers use tools like hoe, dao, and digging sticks.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is false, R is true
- d) A is true, R is false

**Answer:** c) A is false, R is true

**Explanation:** Primitive subsistence farming uses traditional tools, not modern technology.

**Q.3 Assertion (A):** Jhumming is a form of slash and burn agriculture practised in north-eastern India.

**Reason (R):** This method allows the natural restoration of soil fertility.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is false, R is true
- d) A is true, R is false

**Answer:** b) Both A and R are true, but R does not explain A

**Explanation:** A tells what/where jhumming is whereas R states a separate feature.

**Q.4 Assertion (A):** Rabi crops are sown in winter and harvested in summer.

**Reason (R):** These crops require low temperatures for germination and grow well with winter precipitation.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer:** a) Both A and R are true, and R explains A

**Explanation:** Rabi crops like wheat and barley thrive in cold winters and benefit from western cyclonic rainfall.

**Q.5 Assertion (A):** Paddy is a kharif crop.

**Reason (R):** It requires high temperature and rainfall for its growth.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer:** a) Both A and R are true, and R explains A

**Explanation:** Paddy needs hot, humid conditions and lots of water, which are available during the kharif (monsoon) season.

**Q.6 Assertion (A):** India grows a variety of food and non-food crops.

**Reason (R):** Different regions in India have varied soils, climates, and farming practices.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer:** a) Both A and R are true, and R explains A

**Explanation:** Physical and cultural diversity causes variation in cropping patterns.

**Q.7 Assertion (A):** Millets like jowar and bajra can be grown in areas with less fertile soil and low rainfall.

**Reason (R):** These crops are highly dependent on irrigation and HYV seeds.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer:** c) A is true, R is false

**Explanation:** Millets are hardy and grow in dry, low-input conditions. They do not heavily depend on irrigation or HYVs.

**Q.8 Assertion (A):** Maize is a versatile crop used for both food and fodder.

**Reason (R):** It grows well in old alluvial soil with temperatures between 21°C to 27°C.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer: b)** Both A and R are true, but R does not explain A

**Explanation:** A is about uses (food + fodder), while R is about growing conditions (soil and temperature). Uses don't depend on those conditions, so R is true but doesn't explain A.

**Q.9 Assertion (A):** Pulses help improve soil fertility.

**Reason (R):** All pulses are leguminous crops and fix nitrogen in the soil.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer: c)** A is true, R is false.

**Explanation:** Most pulses are leguminous and improve soil by fixing nitrogen but arhar (tur) is an exception, so saying 'all pulses fix nitrogen' is incorrect.

**Q.10 Assertion (A):** Sugarcane is a tropical as well as subtropical crop.

**Reason (R):** It requires cool climate and very low rainfall to grow.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer: c)** A is true, R is false

**Explanation:** Sugarcane needs hot and humid climate, not cool and dry conditions.

**Q.11 Assertion (A):** Groundnut is a major oilseed crop of India grown during the kharif season.

**Reason (R):** It is mainly grown in Gujarat, Rajasthan and Andhra Pradesh.

- a) Both A and R are true, and R explains A
- b) Both A and R are true, but R does not explain A
- c) A is true, R is false
- d) A is false, R is true

**Answer: b)** Both A and R are true, but R does not explain A

**Explanation:** Both are true, but R doesn't explain A: groundnut is kharif because it grows best in the monsoon under warm temperatures not because it is grown in certain place.

**Q.12 Assertion (A):** Green Revolution led to an increase in agricultural production in India.

**Reason (R):** Green Revolution introduced high-yielding variety (HYV) seeds and modern technology.

- a) Both A and R are true, and R is the correct explanation of A
- b) Both A and R are true, but R is not the correct explanation of A

- c) A is true, R is false
- d) A is false, R is true

**Answer: a) Both A and R are true, and R is the correct explanation of A**

**Explanation:** The Green Revolution did increase agricultural production in India, especially for wheat and rice. This was possible due to the introduction of HYV seeds, irrigation facilities, fertilizers, and modern equipment — exactly what the Reason states. So, R correctly explains A.

**Q.13 Assertion (A):** Pulses are mostly grown in rotation with other crops.

**Reason (R):** Pulses need high moisture and large amounts of fertilizers to grow.

- a) Both A and R are true, and R is the correct explanation of A
- b) Both A and R are true, but R is not the correct explanation of A
- c) A is true, R is false
- d) A is false, R is true

**Answer: c) A is true, R is false**

**Explanation:** Reason is not true because pulses need less moisture and survive even in dry conditions.

**Q.14 Assertion (A):** Rubber is mainly grown in Kerala, Tamil Nadu, Karnataka and Andaman and Nicobar Islands.

**Reason (R):** Rubber requires a moist and humid climate with more than 200 cm rainfall and temperature above 25°C.

- a) Both A and R are true, and R is the correct explanation of A
- b) Both A and R are true, but R is not the correct explanation of A
- c) A is true, R is false
- d) A is false, R is true

**Answer: a) Both A and R are true, and R is the correct explanation of A**

**Explanation:** Rubber grows best in regions that are hot, humid, and receive heavy rainfall. States like Kerala, Karnataka, and Tamil Nadu have this type of climate. That's why these states are the main producers of rubber.

If you've reached the end of this post, you're already preparing yourself well to excel in exams. Feel free to ask your doubts and share your feedback in the comments. I'd love to know your experience and whether these questions were helpful. All the questions here are carefully checked, but if you notice any error or have a doubt, do let me know in the comment section. Wishing you all the very best for your exams!

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