

# AGRICULTURAL SCIENCE

(Two hours)

*Answers to this Paper must be written on the paper provided separately.*

*You will not be allowed to write during the first 15 minutes.*

*This time is to be spent in reading the question paper.*

*The time given at the head of this Paper is the time allowed for writing the answers.*

*Attempt all questions from Section A and any four questions from Section B.*

*The intended marks for questions or parts of questions are given in brackets [ ].*

## SECTION - A (40 MARKS)

*(Attempt all questions from this Section)*

### Question 1.

- (a) Why is India considered to be an agricultural based economy? [2]
- (b) Name four land reform programmes introduced in India. [2]
- (c) State four elements of the Green Revolution in the country. [2]
- (d) Give two reasons for the need of agricultural credit by farmers. [2]
- (e) Name two conditions when crop insurances would become relevant to the farm sector. [2]
- (f) Name two crops each that are suitable for mixed cropping with wheat and maize under rainfed conditions. [2]
- (g) (i) What is the ideal sowing time for wheat in North India?  
(ii) What is the ideal planting depth of wheat seed? [2]
- (h) (i) What are the critical stages of irrigation for the wheat crop?  
(ii) At what stage water should be supplied, if available only for one irrigation under rainfed situations? [2]
- (i) What do you understand by 'dry' and 'wet' systems of rice culture? [2]
- (j) Why do we recommend draining of water from the paddy fields at the grain ripening stage? [2]
- (k) How is the earthing-up operation helpful in the production of maize? [2]
- (l) Cite examples of the food chain, involving producers, herbivores and carnivores in forest and aquatic ecosystems. [2]
- (m) What is the 10 percent law and who formulated it? [2]

# Grade 10 Agricultural Science Question Paper 2013

**Patrick Vollmar**



**Grade 10 Agricultural Science Question Paper 2013:**

The Top Books of the Year Grade 10 Agricultural Science Question Paper 2013 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous engrossing novels captivating the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the engaging narratives that have enthralled audiences this year. The Must-Read : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has gripped readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can prevail. Grade 10 Agricultural Science Question Paper 2013 : Taylor Jenkins Reid's "The Seven Husbands of Evelyn Hugo" This captivating historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reid's compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Discover the Magic : Delia Owens' "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens crafts a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These bestselling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is an exceptional and gripping novel that will keep you speculating until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

<https://staging.conocer.cide.edu/public/uploaded-files/Documents/introduction%20to%20applied%20pharmacoeconomics.pdf>

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