



PUHUP AGRITECH INDIA PRIVATE LIMITED

Online Examination

SYLLABUS

There will be 50 questions in the Main Online Examination each question carries one mark. For every correct answer, one mark added to score and for every incorrect answer, one mark is deducted i.e. negative marking for the incorrect answers. The time duration for the examination is of 45 minutes. It is an Open Book Examination i.e. the candidates can refer the books while attempting the examination. The questions asked are of objective type with multiple options, out of which there is only one correct option. The questions asked in the examination are from the various topics of the following subjects. The reference books are available in the market on the below mentioned subjects which you can find useful to study the subjects thoroughly and prepare for the examination.

- 1. AGRICULTURE SCIENCE**
- 2. COMPUTER SCIENCE**
- 3. GENERAL KNOWLEDGE**
- 4. REASONING**
- 5. QUANTITATIVE APTITUDE**

The detailed syllabus of the above mentioned subjects is given below. The name of the chapters and topics in each subject is mentioned so that the Candidates appearing for the examination gets a better idea on the topics to study for the examination and prepare well before attempting the final examination.

1] AGRICULTURE SCIENCE

- 1. Agronomy**
- 2. Agriculture Economics**
- 3. Agricultural Extension**
- 4. Agricultural Statistics**
- 5. Animal Husbandry & Veterinary Sciences**
- 6. Biochemistry and Plant Biotechnology**
- 7. Entomology**
- 8. Genetics and Plant Breeding**
- 9. Horticulture (Fruit Science)**
- 10. Horticulture (Vegetable Science)**
- 11. Nematology**
- 12. Plant Pathology**
- 13. Plant Physiology**
- 14. Seed Technology**
- 15. Soil Science**
- 16. Water Technology**

2] COMPUTER SCIENCE

- 1. Computer: General Introduction**
- 2. Development of Computer**
- 3. Input and Output Device**
- 4. Memory**
- 5. Personal Computer**
- 6. Design Tools and Programming Languages**
- 7. Data Representation and Number System**
- 8. Software**
- 9. Data Communication**
- 10. Internet**
- 11. Microsoft Windows**
- 12. Microsoft Office**

3] GENERAL KNOWLEDGE

1) INDIAN HISTORY

Ancient India:

- 1. Harappan / Indus Civilization**
- 2. Vedic Culture**
- 3.1. Mahajanapada Period**
- 3.2. Religious Movements**
- 4. Maurya Period**
- 5.1. Post-Maurya / Pre-Gupta Period**
- 5.2. The Sangam Period**
- 6. Gupta Period**
- 7. Post-Gupta Period / Vardhana Dynasty**
- 8. Miscellaneous (Ancient India)**

Medieval India:

- 9. Early-Medieval Period**
 - 9.1. North India (Rajputa Period)**
 - 9.2. South India (Cholas and Others)**
- 10. Sultanate Period**
 - 10.1. The Delhi Sultanate**
 - 10.2. Vijayanagar & Other Kingdoms**
- 11. Religious Movements in 15th -16th Centuries**
 - 11.1. Bhakti Movement**
 - 11.2. Sufi Movement**
- 12. Mughal Period**
- 13. Maratha State & Maratha Confederacy**
- 14. The Advent of the Europeans**
- 15. Miscellaneous (Medieval India)**

Modern India:

16. Expansion of British Power

17. Economic Impact of British Rule

18.1. Socio-Religious Movements in 19th -20th Centuries

18.2. Caste, Tribal, Peasant and trade Union Movements

19. Freedom Struggle

19.1. The Revolt of 1857

19.2. Moderate Phase

19.3. Extremist Phase

19.4. The Gandhian Era (1917-1947)

20. Miscellaneous (Modern India)

2) INDIAN POLITY

1. Constitutional Development of India

2. Constituent Assembly

3. Salient Features of the Constitution

4. Sources of the Constitution

5. The Preamble

6. Parts, Articles and Schedules of the Constitution

7. Union and the Territory

8. Citizenship

9. Fundamental Rights

10.1. Directive Principles of State Policy

10.2. Fundamental Duties

11. The Union Executive

11.1. The President

11.2. The Vice-President

11.3. The Prime Minister

11.4. The Council of Ministers

12. The Attorney General, Comptroller and Auditor General (CAG) etc

13. The Union Legislature

13.1. The Parliament

13.2. Rajya Sabha (The Council of States)

13.3. Lok Sabha (The House of the People)

13.4. Officers of Parliament: Speaker (Lok Sabha), Chairman (Rajya Sabha)

13.5. Sessions & Sittings, Parliamentary Proceedings

13.6. Parliamentary Committees

14. The Union Judiciary: Supreme Court

15. The State Executive

15.1. Governor

15.2. The Chief Minister, The Council of Ministers

16. The Advocate General etc

17. The State Legislature

17.1. Vidhan Parishad (The Legislative Council)

17.2. Vidhan Sabha (The Legislative Assembly)

17.3. Officers: Speaker (Vidhan Sabha), Chairman (Vidhan Parishad)

18. The State Judiciary: High Courts

19. Special Provisions relating to Jammu & Kashmir

20. Local Government

20.1. Municipality

20.2. Pachayati Raj

21. Centre-State Relations

22. Public Service Commission

23. Election Commission

24. Official Language

25. Emergency Provisions

26. Constitutional Amendments

27. Order of Precedence

28. National Insignia / Symbols (National Flag, National Anthem, National Song)

29. Miscellaneous

3) INDIAN ECONOMY

1. Nature of Indian Economy

2. National Income of India

3. Planning in India

4. Population of India

5. Natural Resources of India (Land, Forest, Minerals etc.)

6. Infrastructure (Energy, Transportation, Communication etc.)

7. Social Sectors

7.1. Poverty

7.2. Unemployment

7.3. Development & Employment Programmes

7.4. Population Growth

7.5. Human Development

8. Agriculture

9. Industry

10. Money

11. Banking

12. Public Finance

12.1. Indian Fiscal System

12.2. Indian Tax Structure

12.3. Centre-State Financial Relation

12.4. Black Money

13. Foreign Trade

14. International Organizations (IMF, IBRD / World Bank etc.)

15. Miscellaneous

4) GEOGRAPHY

Physical Geography:

- 1. Our Universe**
- 2. Interior of Earth**
- 3. Longitude and Latitude**
- 4. Period, Epoch and Era**
- 5. Earthquake and Volcano**
- 6. Mountain, Plateau and Rocks**
- 7. Weathering and Erosion**
- 8. World Landforms**
- 9. Rivers, Lakes and Falls**

Oceanography:

- 1. Reliefs of Ocean Basins**
- 2. Ocean Current**
- 3. Salinity**
- 4. Ocean Tides**
- 5. Ocean Deposits**
- 6. Continent and Continental Shelf**
- 7. Seas and Ocean**
- 8. Ocean Temperature**
- 9. Coral Reefs**
- 10. Islands and Lakes**
- 11. River and Water Falls**
- 12. Straits, Canals and Passes**

World Climate:

- 1. Atmospheric Composition**

- 2. Temperature**
- 3. Humidity**
- 4. Albedo and Air Mass**
- 5. Cloud**
- 6. El Nino, La Nina and Southern Oscillation**
- 7. Air Pressure**
- 8. Winds**
- 9. Cyclone and Anticyclone**
- 10. Islands and Lakes**
- 11. Climate and Weather**
- 12. Precipitation**

Natural Resources:

- 1. Natural Vegetation**
- 2. World Grassland**
- 3. Environmental Geography**
- 4. Natural Regions**
- 5. Fisheries**
- 6. Soil**
- 7. Deserts**

Economic Geography:

- 1. World Mineral Resources**
- 2. World Energy Resources**
- 3. World Agriculture**
- 4. World Industries**

Population:

- 1. Human Geography**

2. World Population

3. World Tribes

4. Settlement

5. Transportation

6. Models & Principles

Regional Geography:

1. Developing Country

2. Developed Country

Geography of India:

1. Physical Features of India

2. Passes of India

3. Rivers and Lakes of India

4. Soils of India

5. Vegetation's of India

6. Indian Climate

7. Minerals in India

8. Energy Resources in India

9. Agriculture of India

10. Irrigation in India

11. Industry in India

12. Indian Population

13. Transport System in India

14. Miscellaneous

5) ECOLOGY AND ENVIRONMENT

6) MISCELLANEOUS

1. Personalities

2. Abbreviations

3. National and International Organizations

4. Books and Authors

5. Awards and Honors

6. Dates, Days and Years

7. Sports

4] REASONING

- 1. Series Completion**
- 2. Analogy**
- 3. Classification**
- 4. Coding-Decoding**
- 5. Blood Relations**
- 6. Puzzle Test**
- 7. Sequential Output Tracing**
- 8. Direction Sense Test**
- 9. Alphabet Test**
- 10. Alpha – Numeric Sequence Puzzle**
- 11. Number, Ranking & Time Sequence Test**
- 12. Mathematical Operations**
- 13. Logical Sequence of Words**
- 14. Arithmetical Reasoning**
- 15. Inserting the Missing Character**
- 16. Data Sufficiency**
- 17. Eligibility Test**
- 18. Assertion and Reason**
- 19. Situation Reaction Test**
- 20. Verification of Truth of the Statement**

5] QUANTITATIVE APTITUDE

- 1. Numbers**
- 2. H.C.F. & L.C.M. of Numbers**
- 3. Decimal Fractions**
- 4. Simplification**
- 5. Square Roots & Cube Roots**
- 6. Average**
- 7. Problems on Numbers**
- 8. Problems on Ages**
- 9. Surds & Indices**
- 10. Percentage**
- 11. Profit & Loss**
- 12. Ratio & Proportion**
- 13. Partnership**
- 14. Chain Rule**
- 15. Time & Work**
- 16. Pipes & Cistern**
- 17. Time & Distance**
- 18. Problems on Trains**
- 19. Boats & Streams**
- 20. Allegation or Mixture**
- 21. Simple Interest**
- 22. Compound Interest**
- 23. Logarithms**
- 24. Area**
- 25. Volume & Surface Areas**
- 26. Races & Games of Skill**
- 27. Calendar**
- 28. Clocks**

29. Stocks & Shares

30. Permutation & Combinations

31. Probability

32. True Discount

33. Banker's Discount

34. Heights & Distances

35. Odd Man Out & Series