DAYALBAGH EDUCATIONAL INSTITUTE DAYALBAGH, AGRA-282005 ADMISSION NOTICE FOR SESSION 2017-18

The Diploma in Elementary Education (D.El.Ed.) is a two year professional programme of teacher education. It aims to prepare teachers for the elementary stage of education, i.e. classes I to VIII. The aim of elementary education is to fulfill the basic learning needs of all children in an inclusive school environment bridging social and gender gaps with the active participation of the community.

S.No.	Programme/Course	Eligibility Criteria	
1.	D.El.Ed.	 (a) Candidates with at least 50% marks or equivalent grade point average in higher secondary (+2) or its equivalent examination are eligible for admission. (b) The reservation and relaxation in marks for SC/ST/OBC/PWD and other categories shall be as per the rules of the Central Government/State Government, whichever is applicable. Note: (1) The percentage for cut off may be higher than the minimum eligibility percentage mentioned in the programme depending upon number of seats available and number of applicants. 	
2	Duration	4 Semesters (Two Academic Years)	
3	No. of Seats	50	
4	Computation of Admission Merit	 Final selection for admission will be made on the basis of the following parameters: Academic Merit computed from the marks obtained in various pre-qualifying and/or qualifying examinations. Written Objective Test Personal Interview 	
5	Written Test	The Written Objective Test will be of two hours, with four multiple choice answers to each question which will be asked on the following subjects: Section A: General Knowledge & Current Affairs Section B: Language Proficiency (Hindi & English) Section C: Teaching Aptitude Section D: Subject Knowledge in Science, Social Sciences and Mathematics up to Secondary level.	
6	How to Apply	Refer to DEI Website	
7	Application Processing Fee	Refer to DEI Website	
IMPORTANT DATES			
8	Online submission of Application Forms shall start from	May 15, 2017	

9	The last date for submission of	June 10, 2017	
	completed applications		
	preferably online/at the Institute		
10	Written Test	(Revised Date) July 02, 2017	Time
			11.30 AM to 2.00 PM
11	Declaration of Written Test	July 05, 2017	
	Score		
12	Personal Interview	Date of Interview shall be notified on the DEI Website and intimated to the candidates by SMS	
13	Registration & Fee Submission	As mentioned in notification of Final Merit List	
14	Commencement of Classes	July 20, 2017	

SYLLABUS OF WRITTEN TESTFOR ADMISSION IN TO D.EI.Ed. PROGRAMME

SECTION A: GENERAL KNOWLEDGE & CURRENT AFFAIRS

Unit 1: GEOGRAPHY

- 1.1 The Earth and its Solar System 1.2 Physical Geography (World)
- 1.3 Physical Geography (India) 1.4 Countries Capitals, Currencies
- 1.5 India States, Capitals, Cities, Languages

Unit 2: SCIENCE/TECHNOLOGY

2.1 Physics 2.2 Chemistry 2.3 Life Sciences 2.4 Inventions & Discoveries 2.5 Diseases

Unit 3: BOOKS, AUTHORS, ABBREVIATION ETC.

- 3.1 Famous Books and Authors-Indian and Foreign
- 3.2 Abbreviation, Acronyms, Foreign words & Phrases
- 3.3 Sports and Games-Famous Trophies and Tournaments, Leading Sportsmen, Terms associated with different sports and games, Olympic and Asian Games.
- 3.4 Important Indian Awards–Civil and Military Awards, Important International Awards– Noble prizes, Magsaysay awards etc.
- 3.5 Art and Culture-Various Art Forms, Places and Artists associated with them, Sobriquets, Major Festivals.

Unit 4: SOCIAL SCIENCES

History-Indian Major Historical Periods and their Features -

- 4.1 From the Indus Valley Civilization to the First Battle of Panipat in 1526 AD.
- 4.2 From 1526 A.D. to the Modern Period.
- 4.3 **Political Awareness**: Indian Constitution-Its main features- Fundamental Rights, Important personalities and major events in India since Independence.
- 4.4 **Economics**: Indian Economy
- 4.5 **Statistics-**Elementary Statistics-Meaning and Importance of Statistics, Statistical Average.

Unit 5: CURRENT AFFAIRS

SECTION B: LANGUAGE PROFICIENCY (HINDI & ENGLISH)

Unit 1: GRAMMAR, FIGURES OF SPEECH, IDIOMS AND PHRASES & VOCABULARY

- 1.1 Tenses and Tense Sequence, Verbal.
- 1.2 Modal Auxiliaries.
- 1.3 Identification and uses of the Figures of Speech.
- 1.4 Idioms/Phrases in Common Usage.
- 1.5 Antonyms, Synonyms & Homonyms, Affixes and One Word Substitutions.

Unit 2: TRANSFORMATION OF SENTENCES AND SYNTHESIS

- 2.1 Clauses and Sentences.
- 2.2 Degrees of Comparison.
- 2.3 Active and Passive Voice.
- 2.4 Direct and Indirect Speech.
- 2.5 Correct usage (in different Parts of Speech).

यूनिट 3ः काव्यशास्त्र/व्याकरण 1

3.1 रसों की परिभाषा तथा रस के भेद (हास्य, शृंगार, वीर, करूण, वात्सल्य) ।
3.2 अलंकार – अनुप्रास, यमक, श्लेष, उपमा, रूपक, सन्देह, भ्रान्तिमान ।
3.3 उपसर्ग, प्रत्यय ।
3.4 विराम चिह्न एवं उनका प्रयोग।
3.5 शुद्ध एवं अशुद्ध वाक्य।

यूनिट 4ः व्याकरण 2

4.1 सन्धि (स्वर, व्यंजन, विसर्ग), समास । 4.2 वर्तनी बोध । 4.3 लोकोक्ति तथा मुहावरे । 4.4 पद—संज्ञा, सर्वनाम, क्रिया, विशेषण ।

4.5 विपरीतार्थक शब्द, समानार्थक शब्द, वाक्यांश के लिए एक शब्द ।

Unit 5: READING COMPREHENSION (HINDI & ENGLISH

SECTION C: TEACHING APTITUDE

- Unit 1: Concept of Teaching, nature and characteristics of teaching, Principles of Teaching, Basic requirements of Good Teaching, Teaching Aids & Methods of Teaching, Factors Affecting Teaching.
- **Unit 2:** Teaching Aptitude- Nature, Objectives, Characteristics, Teaching as Encounters, Teaching as a Communal Effort, Innovative approaches in teaching & Learning, various Assessment Method.
- **Unit 3:** Desirable teacher traits- Personality traits, Personal qualities, teaching trait, intellectual trait, psychological traits, social traits. Creativity in teaching, dealing with all category of students like gifted and backward.
- **Unit 4:** Learner's Characteristics- personal, academic, social, emotional or cognitive in nature. Interest in learning and Intrinsic motivation in learner, Elements of Learning-

(Motivation, Reinforcement, Retention, Transference), Classroom engagement and leadership.

Unit 5: General Classroom Management, Student & Faculty Initiated Activities, Faculty/student Interaction, managing student academic work, managing inappropriate behavior, promoting appropriate use of consequences.

SECTION D: SUBJECT KNOWLEDGE IN SCIENCE, SOCIAL SCIENCES AND MATHEMATICS UP TO SECONDARY LEVEL.

GENERAL SCIENCE

Unit 1: PHYSICS

1.1 Newton's Law of Motion.

- 1.2 Work, Power and Energy.
- 1.3 Thermal Expansion of Solids & Liquids.
- 1.4 Structure of the Human Eye.

1.5 Thermal Radiation.

Unit 2: CHEMISTRY

- 2.1 Matter and its states.
- 2.2 Soap and Saponification
- 2.3 Chemical Bonds.
- 2.4 Metals and Non-Metals-Acids, Bases and Salts.
- 2.5 Introduction to some important organic and inorganic compounds.

Unit 3: BOTANY

- 3.1 Structure of Cell, Plant tissues.
- 3.2 Classification of Vegetation.
- 3.3 Reproduction in Plants.
- 3.4 Absorption and Movements of Fluid in Plants.
- 3.5 Photosynthesis process and Respiration in Plants.

Unit 4: ZOOLOGY

- 4.1 Blood and Lymph
- 4.2 Respiratory System
- 4.3 Nervous System
- 4.4 Digestive System
- 4.5 Excretory System.

Unit 5: HEALTH AND HYGIENE

- 5.1 Tobacco, Alcohol and Narcotic Drugs.
- 5.2 Environmental Pollution.
- 5.3 Communicable diseases and modes of spread.
- 5.4 Non communicable diseases.
- 5.5 Balanced diet.

SOCIAL SCIENCES

(GEOGRAPHY, HISTORY & POLITICAL SCIENCE)

UNIT - 1

- 1.1 Geography its meaning, Importance and scope.
- 1.2 Continents oceans and ocean current

- 1.3 Rivers and Various stages of Rivers
- 1.4 Volcanoes, Earthquakes, Vertical and Horizontal Earth Movements
- 1.5 Functions of winds

UNIT-2

- 2.1 Regional Geography of India
- 2.2 Man and Environment
- 2.3 Eco System and Energy flow and Ecological balance
- 2.4 Stone Age and Sources of Indian History
- 2.5 River Valley Civilization Sindhu

UNIT-3

- 3.1 Religious Movement of 6th Century B.C (Jainism & Buddhism)
- 3.2 Mauryan Period
- 3.3 Gupta Period
- 3.4 Mughal Period
- 3.5 British Period

UNIT-4

- 4.1 National Movements of India
- 4.2 Government Parliamentary and Presidential, Unitary and Federal
- 4.3 Preamble and Main characteristic of Indian Constitution
- 4.4 Central Legislative (President, Lok Sabha and Rajya Sabha)
- 4.5 Central Executive (President, Vice President, Prime Minister and Council of Ministers)

UNIT -5

- 5.1 Central Judiciary (Supreme Court)
- 5.2 State Government Legislative, Executive and Judiciary
- 5.3 Political Parties in India
- 5.4 U.N.O. Aims, Organs and Functions
- 5.5 Independence Act of 1947

MATHEMATICS

UNIT-1: NUMBER SYSTEM

1.1 Properties of natural numbers, whole numbers, integers, rational numbers and whole numbers, prime and composite numbers

1.2 Law of rational numbers (commutative, associative, identity & distributive) in case of addition & multiplication.

1.3 Set theory- representation, elements & types of sets.

1.4 Venn diagram and its applications

1.5 Logarithm– meaning & laws, problem based on common logarithm (logarithm of any number at base 10)

UNIT-2: ARITHMETIC

- 2.1 Finding HCF and LCM
- 2.2 Percentage, ratio & proportion
- 2.3 Squares and square roots
- 2.4 Word problems based on profit & loss
- 2.5 Simple and compound interest

UNIT-3: ALGEBRA

- 3.1 Polynomials
- 3.2 Pair of linear equation in two variables
- 3.3 Situational problems based on quadratic equations related to day to day activity
- 3.4 Factorization of algebraic expression
- 3.5 Numerical problems based on time and work

UNIT-4: GEOMETRY & STATISTICS

- 4.1 Triangle: definition, types, properties & related problems
- 4.2 Circle: various parts, properties, tangent & related problems
- 4.3 Parallelogram: properties, types & related problems
- 4.4 Frequency distribution table
- 4.5 Mean, median & mode of data

UNIT-5: MENSURATION & TRIGONOMETRY

- 5.1 Problems based on area, perimeter and circumference of circle
- 5.2 Curved surface area, total surface area and volume of cube & cuboids
- 5.3 Curved surface area, total surface area and volume of cylinder & cone
- 5.4 Trigonometrical ratio of an acute angle of a right angled triangle
- 5.5 Simple problems based on Trigonometrical identity