INFORMATION BROCHURE

Student Academic Management System (SAMS)

Higher Education Department, Government of Odisha

BACHELOR IN EDUCATION (B.Ed.)

—

FOR THE ACADEMIC YEAR 2023-24

Ragging in any form in HEIs is an offence and punishable under law.

Please read the Information Brochure carefully before filling the Common Application Form (CAF)

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The Information Brochure for Admission into Bachelor in Education (B.ED) course for the Academic Year 2023-24 is as follows.

Duration:

The duration of the B.Ed. Programme shall be for **Two Academic Years**.

Working Days:

In each Academic year, there shall be at least 200 working days exclusively for the period of Examination and Admission. The minimum attendance of the students & the teachers should be 80% for all the coursework and practicum, and 90% for the school internship.

1. **Name of the Institutions and Intake Capacity:**

Admission shall be made for **Two-year B.Ed. Course** as per intake capacity mentioned below, against the Institutions under Higher Education Department, having normal seats and self-financing seats.

Sl. No.	Name of the Institutions(Normal Seats)	Intake
1.	Radha Nath Institute of Advanced Studies in Education (RN IASE), Cuttack	50
2.	Dr. Parsuram Mishra Institute of Advanced Studies in Education (Dr PM IASE), Sambalpur	50
3.	Dibakar Pattanaik Institute of Advanced studies in Education (DP IASE), Berhampur	100
4.	Nabakrushna Choudhury College of Teacher Education (NKC CTE), Angul	50
5.	Nalini Devi Women's College of Teacher Education, Bhubaneswar(Only women Candidates)	150
6.	College of Teacher Education, Balasore	100
7.	College of Teacher Education, Bolangir	100
8.	Utkalamani Gopabandhu College of Teacher Education (UG CTE), Baripada	100
9.	Kabi Samrat Upendra Bhanja College of Teacher Education (KSUB CTE), Bhanjanagar	100
10.	DAV College of Teacher Education (DAV CTE), Koraput	(100 seats may be restored.)
11.	College of Teacher Education (CTE), Bhawanipatna	100
12.	Anandpur Anchalika Training College (AATC),Fakirpur	100
13.	Government Teachers Training College, Phulbani	100

14.	College of Teacher Education (CTE), Rourkela	100
15.	Government B.Ed. Training College, Kalinga, kandhamal	100
Total		**1300**
Name of the Institutions (Self-Financing Seats)		
1.	B.J.B. (A) College, Bhubaneswar	50
2.	Bhadrak (A) College, Bhadrak	50
3.	D.D. (A) College, Keonjhar	50
4.	Rajdhani College, Bhubaneswar	50
5.	V. Dev (A) College, Jeypore	50
6.	S.C.S. (A) College, Puri	50
7.	Government College, Sundargarh	50
8.	Khallikote (A) College, Berhampur	50
9.	Panchayat College, Baragarh	50
10.	S.B. Women's (A) College, Cuttack	50
11.	Rajendra (A) College, Bolangir (Now, upgraded to Rajendra University)	50
12.	Government (A) College, Bhawanipatna (Now upgraded to Kalahandi University)	50
13.	Beramphur University	50
14.	Rama Devi Women's University, Bhubaneswar	50
Total		**700**
Grand Total		**2000**

N.B: a) The matter regarding recognition by NCTE, and consequent filling up of seats in the following Teacher Education colleges (at Serial No.10 for 100 seats) & (at Serial No.01,04 for more 50 seats) is under process, Therefore admission in these institutions shall be taken up only after receipt of recognition.

2. Eligibility:

The candidate must fulfill all the eligibility conditions as mentioned below:

- Candidates with at least 50% marks in aggregate either in Bachelor's Degree and/or in the Master's Degree in Sciences/Social Sciences/Humanities (45% in case of SEBC/SC/ST/PwD), Bachelor's in Engineering or Technology (B.Tech.) with Specialization in Science and Mathematics (As per AICTE Syllabus) with 55% marks or any other qualification equivalent thereto and 50% marks in aggregate for SEBC/SC/ST/PwD candidates, are eligible to apply for admission to the course.

- The candidates who have appeared in their final year Graduation examination (both Arts/Commerce, Science and B.Tech) are also eligible to apply. Their candidature for admission is subject to the required aggregate percentages of marks at the Graduation level during the time of their admission failing which their claim for admission shall be canceled.
- **She/he must have passed Odia as MIL up to HSC level or any equivalent or higher examination or have passed Odia as a subject in the specific examination conducted by BSE, Odisha** of HSC standard.
- The age limit as on **30.06.2023**:

For SC, ST, SEBC Candidates	*33 years*	She / he should not have been born before 30.06.1990
For Women Candidates of all categories **(UR,SC,ST,SEBC)**	*33 years*	She should not have been born before 30.06.1990
For General Candidates	*28 years*	He should not have been born before 30.06.1995
For PH Candidates	*38 years*	She / he should not have been born before 30.06.1985

Note: The upper age limit is inclusive of age relaxation for relevant groups as admissible under rules.

2.1   Residential Certificate

- The candidates must be permanent residents of Odisha. To that effect, each candidate shall furnish a permanent residential certificate in the prescribed format issued in favour of him/her by the Tahasildar/ Additional Tahasildar concerned.

2.2   Caste Certificate

- In case of SC, ST and SEBC candidates, the Caste Certificate should be issued by the concerned Tehsildar/ Additional Tehsildar. The certificate should be generated from the e-district portal. The caste certificate shall be considered by virtue of birth only (Caste by marriage or adoption will not be considered).

2.3   Disability Certificates

Pursuant to the provisions of Section 32 (1) of the Rights of Persons with Disabilities Act, 2016, under special provisions for

persons with Benchmark Disabilities, 5 % seats shall be reserved for such candidates.

As per the schedule (Clause ZC of Section 2) of the above Act, the disabilities are broadly classified into 05 categories,viz.

1. **Physical Disability**
   A. **Locomotor Disability-**
      a) Leprosy cured
      b) Cerebral Palsy
      c) Dwarfism
      d) Muscular Dystrophy
      e) Acid Attack victims
   B. Visual Impairment
      a) Blindness
      b) Low Vision
   C. **Hearing Impairment**
      a) Deaf
      b) Hard of Hearing
2. **Intellectual Disability-**
      a) Specific Learning Disabilities
      b) Autism Spectrum Disorder
3. **Mental Behaviour**
4. **Disability caused due to**
   a) **Chronic Neurological Conditions**
      i.   Multiple Sclerosis
      ii. Parkinson's Disease
   b) **Blood Disorder**
      i.   Hemophilia
      ii. Thalassemia
      iii. Sick Cell Disease
5. **Multiple Disabilities (more than one of the above specified disabilities)**

- **All candidates with benchmark disabilities are required to submit UDID (Unique ID for Persons with Disabilities) disability certificate issued online in their favour vide http://www.swavlambancard.gov.in/ along with application for availing reservation under PwD quota.**
- Candidates with benchmark permanent disabilities with not less than 40% disability will be allowed for admission to the course.
- As per SSEPD Department Notification No.5823 dated 29.07.2022, after 31st August 2022, disability certificate will not be issued in manual mode.
- The students with benchmark disabilities shall be allowed compensatory time of 20 minutes per hour during the entrance test.
- The students with benchmark disabilities admitted to the Course **will pursue their studies within the existing facilities available in the institution** until special provisions are being made for them.

- Candidates with **Temporary disability** shall not be allowed to claim any seats reserved for PwD.**(Government of Odisha,SSEPD Department letter No.9273/DA 2-(policy) dated 24.10.2019)**

2.4 Provision for Scribe

- As per State Government Resolution issued on 05.09.2017 in para 14 (4) the facility of Scribe/Reader shall be provided to any PwD with not less than 40% of Disability provided he/she has a limitation in writing or that of speed.
- The candidates with scribes should be provided with the proper sitting arrangement in the examination hall preferably one candidate in each room or if there is space constraint, one candidate in each corner of a room.
- The educational qualification of the Scribe should not be same/similar level that of the candidate. The examination center superintendents are to ensure this.**For the B.Ed. Entrance, Graduate students will not be allowed as scribe.** The scribe must be less than Graduation qualification.Proper identity proof of the scribe in this regard is required to be submitted at the examination center.
- If the Scribe is provided by the Examination conducting body, the candidate should be allowed to meet him at least 2 days prior to the commencement of the examination so that the candidate could be familiarized with the scribe or could report to the examination center superintendent well in advance, if he / she is not satisfied with the scribe.
- All PWD candidates shall be allowed to appear examination in the ground floor only.

2.5 Ex-servicemen Candidates
- The person who is retired from Defence service **(Army, Navy and Air force)** is to be considered as Ex-serviceman except Central Armed Police Force (CAPF) like CRPF,CISF,BSF,SSB,ITBP,NDRF etc. The son/unmarried daughter/spouse of the Ex-serviceman including self are eligible to apply on submission of Certificate issued by the **Rajya Sainik Board, Nageswar Tangi, Odisha,** Bhubaneswar or **Zilla Sainik Board** in favour of his/her parents/spouse at the time of filling up of the Online Application Form. **The certificate must reflect the name of ex-serviceman, the date of entry and retirement to/from the defence service, his relationship with the candidate, seal and signature of the concerned authority.**

3. Reservation:

- Scheduled Caste (SC)-16.25% of total seats shall be reserved for SC applicants.
- Scheduled Tribe (ST)-22.5% of total seats shall be reserved for ST applicants
- Socially Economically Backward Class (SEBC)-11.25% of total seats shall be reserved for SEBC applicants.
- Unreserved (UR) - 50% of total seats shall be reserved for UR applicants.
- PwD- 5% of total seats for person with benchmark **(minimum 40%) permanent disability irrespective of social category and stream.**

4. Regulation for Admission:

- Rounding off decimal fractions in deciding the eligibility percentage is not allowed.
- **Maximum Marks and Obtained Marks should be Inclusive of All subjects. Excluding 4th optional wherever applicable.**
- **If the secured Marks in CGPA are above 9.5, Applicants should convert CGPA to Marks as per Boards/Universities.**
- **Convert CGPA secured to % - 9.8(CGPA) X 9.5=93.5%**
- **Convert % secured to obtained marks- 93.1/100 x Maximum Mark=Obtained marks**
- Mere successful registration by the candidate does not entail right to appear in the B.Ed. entrance examination unless the payment of entrance test fee made by the candidate is verified.
- **All those candidates who have appeared in the final year examination and whose results are awaited may also apply. However, they are required to update their graduation mark in the portal as per the date mentioned in timeline.**
- General and SEBC category candidates are required to pay Rs.500.00 (Rupees Five Hundred) only. SC and ST category candidates are required to pay Rs.300.00 (Rupees Three Hundred) only. Online payment in SAMS portal is compulsory to deposit the CAF through the prescribed gateways i.e. SBI–e-Pay. **No offline payment option will be available.**
- **The candidates are required to mention the name of the district to appear the entrance test.**
- The payment gateway system and maintenance of the application fee account shall be operated by Deputy Director, PTC- Higher Education Department.
- **Colleges should transfer the admission fees of the B.Ed slide-up candidates to the college where the candidates have been admitted through slide-up without deducting admissible fees (Rs 100/-) during the process of admission only. If the amount deposited by the candidates via Demand Draft has not been drawn**

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- by the college, It should be returned to the candidates and Slide-up candidates who have been admitted to another college should apply for a fresh Demand Draft in favour of the principal of the college to they have been admitted to.
- The Entrance Test score is to be published in the **https://te.samsodisha.gov.in/** website and the entrance score of appeared applicants shall be shared in online mode with SAMS by State Selection Board to proceed for merit-based institution allotment.
- **The result of the Entrance Test does not ensure the confirmation and guarantee of admitting the student to the Course as it is subject to verification of the authenticity and appropriateness of the documents at the Institution level.**
- **The documents produced by the candidates if found forged at any time will lead to the cancellation of the admission and the degree awarded to the candidate by the concerned university. Stringent legal action will be initiated against him/her and FIR will be lodged against the candidate.**
- All applicants who have submitted the common application form (CAF) shall be allowed for choice locking of all institutions.
- **Institution email-id, mobile number, and address should be updated in the SAMS TE e-space of the institution.**
- CAF Barcode should be of 13 digits in the format "Last two digits of the academic year followed by TE by 9 digits unique number.
- Admission-related announcements can be viewed by applicants in the announcement section of the applicant login.
- There shall be Six round of selection if vacancy exists after 1st selection.
- **The institution-wise seat matrix for B.ED. course will be verified by TE section, HED**
- Only online CAF with a BARCODE number shall be accepted. DTP typed or other forms of CAF shall not be accepted.
- Institution should only issue online CLC (college leaving certificate) to the candidates willing to study courses other than B.Ed. or Slide-up to other Institutions.
- **Applicants are advised not to change their bank account details, email-id, mobile number provided in CAF till the completion of course.**

Note: Intimation for e-Admission will be communicated through the following modes:
 a. SMS to the mobile number provided in the CAF
 b. Email id provided in the CAF

c. Whatsapp number

d. An applicant can get the information by dialing Sanjog Helpline Toll-Free (155335 OR 1800-345-6770) Number by giving their CAF Barcode Number on all days between 06 A.M. to 10 P.M.

e. A selected applicant can download the intimation letter by login into his/her applicant login by visiting the SAMS portal.

f. Notice board of Destination College (where the applicant is placed to take admission)

5. HOW TO APPLY

An applicant should take care of the following before filling the admission form:

- Visit **www.samsodisha.gov.in** and go to the B.Ed., B.H.Ed., and M.Ed. under Higher Education Department.

- Go through the B.Ed. Information Brochure available at **https://te.samsodisha.gov.in** very carefully.

- Check your Eligibility according to the Eligibility criteria given in the Information Brochure.

- For online application, fill up the B.Ed. Admission Form available in applicant Login.

- Please select the Social Category carefully.

- Please select the Centre of examination carefully.

- No Changes in the form are allowed once the online payment has been done.

- After the payment is made, take a printout of the form and bring it along on the day of admission at the allocated institution.

6. Process of Selection and Allocation of Institution for Getting Admission:

a) Allocation of institutions on the basis of the result of the Entrance Test, both social category-wise and Stream wise.

b) Applicants who have not updated their graduation marks shall also be considered for the selection process. However their merit in the selection list shall be below the candidates who have updated their graduation marks in case the entrance test mark when is found to be a tie.

c) The candidates are required to give their choice of institution for all the institutions in order of preference.

d) **Candidates will be placed as per their choice locking of institution depending upon his/her merit and availability of seats in their respective Stream and social category.**

e) The selected candidates shall be intimated through SMS to download the Intimation letter for admission and the candidate will report to an institution for admission.

f) The institution will mark the candidates as "admitted", "absent", "reject", "observation" in their institution login.

g) Slide-up opted candidates will be transferred to the institution as per their preferred institution submitted during choice locking, provided the vacancy occurs in the respective institution, the respective stream, and the social category.

h) **After taking admission in the allotted college during the first admission selection, the "Slide-Up Option Form" will be enabled in the student's login for submitting OTP-based consent for participating in the slide-up process for the next selection round.**

i) If an applicant has opted for the Slide-up option and got a seat in an institution, then S/he is bound to take admission to the college chosen for slide-up, **otherwise, S/he will be out of the entire selection process. Hence, applicants are required to think twice before opting for the slide-up option.**

j) The candidates who have been slide up to another institution, their names are to be removed from the institution where they were previously admitted and the names of slide-up applicants from other institutions shall be placed against those vacancies.

k) In case of a tie, the higher percentage of marks at the Graduation Level shall be taken into consideration. If the Graduation Mark is also found as a tie, in that case, the candidate who was born earlier will come first in the selection list.

l) Total seats in each category shall be distributed among Arts/ Science discipline candidates on 50:50 basis.

m) If the available seats in any category of Arts/ Science happens to be an odd number, in such case benefit shall go to the candidates having the higher career marks in Arts/ Science category.

n) **There shall be no de-reservation of seats till the last round of the selection process.**

o) **If no candidates from the Ex-Servicemen (ESM) category are available at the final round of selection, the seats that were reserved for ESM shall be converted to their respective social categories.**

p) Institution-wise vacancy details will be made available in the Institution e-space and SAMS Teacher Education website.

7. Documents to be submitted at the time of Admission :

- Admission Fees as per Information Brochure
- Downloaded Intimation Letter
- CLC, in original
- Conduct Certificate, in original
- All Certificates and Mark sheets, in original.

- Certificate of Head of the school to the effect that he/she has passed Odia in HSC Level (in the cases who have not passed from Board of Secondary Education, Odisha without Odia as MIL).
- Residential Certificate issued by Tahasildar / Additional Tahasildar
- Caste Certificate in case of SC, ST and SEBC candidates, by virtue of birth, not by marriage/ adoption. Caste certificate should be generated from e-district portal.
- UDID Disability Certificate issued Online in their favour in case of PwD candidates.
- Ex-serviceman Certificate in case of son / unmarried daughter / spouse of Ex-serviceman/self.
- Two recent stamp size coloured photographs

N.B: Xerox Copies of all certificates / mark sheets shall be signed by the candidates in full under the caption "Submitted by me".

N.B: This is for information of all candidates that the Demand draft to be submitted for admission to B.Ed./B.H.Ed/M. Ed Course 2023-25 shall be drawn in favour of the Principal of the concerned college. E.g. Principal "DPIASE Berhampur".

8. Fees for Admission During Academic Session 2023-2024

8.1   Fees for Teaching Education Colleges (Normal Seats)

	For 1st Year	For 2nd Year
Admission Fee	44.00	--
Tuition Fee	528.00	528.00
Students Council	150.00	150.00
Caution Money (Refundable)	300.00	--
Magazine	200.00	200.00
College Calendar	100.00	100.00
Identity Card	100.00	--
Games and Sports	430.00	430.00
Common Room	100.00	100.00
Dramatic Society	200.00	200.00
Community Fund	150.00	150.00
Furniture & Electric Maintenance	200.00	200.00
Garden Fund	50.00	50.00
Cultural Forum	200.00	200.00
Planning Forum	100.00	100.00
Library Development	350.00	350.00

Laboratory Development	200.00	200.00
Film and Photography	100.00	100.00
Research / Seminar	300.00	300.00
Students' Welfare	50.00	50.00
Students' Aid Fund	50.00	50.00
SUPW Contingency	100.00	100.00
Field Trip / Study Tour	200.00	200.00
Institution Betterment	850.00	850.00
Insurance Fee	10.00	10.00
Total	**5062.00**	**4618.00**

8.2   Fees for Admission in a Self- Financing Seat:

The Course Fees for all the 12 institutions running Two-year B.Ed. Programme in Self-financing Seats is Rs.45000.00 per annum which is inclusive of all types of additional fees viz. Admission fee, Institutional Development Fee, Study Tour Fee, Seminar Fee, Examination Fee, etc. Colleges shall not charge any extra amount beyond this all-inclusive course fee of Rs.45000.00 per annum. **However, in case of PWD candidates, only tuition fees and admission fees will be exempted for the following categories of disabled students.**

- Blind students who have used Braille for studies (100%)
- Deaf candidates with disability of more than 75%
- Orthopedically handicapped students with disability of more than 75%

9. Modalities of OMR Based Entrance Test

- Date of Entrance Test-11.06.2023
- The duration of the Entrance Test: 02 hours.
- Timing: 10.00A.M to 12.00 Noon- 1st Sitting (For both Arts and Science stream)
- For PwD Candidates: 40 minutes extra time (@20 minutes per hour) will be allowed. Accordingly, the 1st Sitting for PwD Candidates will be over at 12:40 P.M.
- Center for entrance Test: The Entrance Test will be conducted in the District Head Quarters of all the 30 districts of the State. If sufficient numbers of Candidates are not available in a particular district, the Candidates of those districts will be accommodated in the nearby district.

General Instruction for the Examinees:

- Examinees are required to report at the Examination Centre assigned to them 01 (One) hour before the commencement of the Examination. No examinee shall be allowed entry into the Examination Hall after 15 minutes of the commencement of the Examination.
- Examinees will have to bring with them the Admit Card issued by the State Selection Board and Identity Proof, produce the same at the entrance gate. They have to submit photocopies of the Admit Card and Identity proof to the invigilator during verification. No other material except Admit Card and Identity Proof shall be allowed inside the Examination Hall.
- Mobile Phones, Pagers, Calculators, Smart watches and Electronics Gadgets of any type are strictly prohibited in the Examination Hall.
- Black Ball Point Pen shall be provided to the Candidates by the State Selection Board in the Examination Hall for darkening the circles in the OMR Sheet.
- The examinees will be provided with Carbonless OMR Answer Sheets. The OMR Answer Sheets shall contain the Roll No. and the name of the Candidate, Date of Examination, Sitting of Examination, Name of the Examination Centers and the Question Set Code (A/B/C/D) etc.
- The examinees must ensure that they have received the OMR Answer Sheet and Question Booklet Set meant for them.
- The OMR Answer Sheet comprises two parts, i.e. Original Copy which is the Office Copy and the lower sheet which is the Candidate's Copy. After the Entrance Test is over, the Office Copy should be handed over to the Invigilator, while the Candidates allowed to take the lower sheet, i.e. the Candidate's Copy.
- There will be separate Test Booklets for the candidates of B.Ed. Arts Stream, B.Ed. Science Stream. The Candidate must ensure that they have received the proper set of Question Booklet of their stream which has been reflected in the top right hand corner of the OMR Answer Sheet provided to them.
- There shall be 100 Questions in total, each carrying 01 mark. While for each correct answer 01 mark will be awarded, for each incorrect answer, 0.25 mark will be deducted.
- Since OMR Sheet is a standardized one reflecting the details of the candidates, it cannot be replaced under any circumstances. Therefore, examinees are advised to verify everything in detail before they start answering the questions in the OMR Answer Sheet.
- No examinee shall be allowed to leave the Examination Hall before completion of the Examination.
- It is the duty of the examinee to personally hand over the office copy of the OMR Answer Sheet to the Invigilator.

- Examinees have to download the Admit Card from the Official Website of the State **Selection Board: www.ssbodisha.ac.in** . Detailed instructions in that regard shall be issued by the State Selection Board well in advance of the commencement of the Examination.
- Examinees are required to remain in constant touch with the Official Website of the State Selection Board: **www.ssbodisha.ac.in** to get them updated on Examination Process.

SYLLABUS for Entrance Test

The test shall be conducted in two sections. Both the sections are compulsory. The subjects and distribution of marks in each section shall be as per the following:

Section I is compulsory for all the candidates (both Arts and Science group). It would consist of Language (English), General Awareness, Reasoning and Teaching Aptitude. This Section shall be of 40 marks. There will be 40 questions. Each question carries one (01) mark. All Questions shall be of multiple choice types.

Section II shall be of 60 marks. There are two sections. The candidates have to select any one section and shall have to answer all the questions of that particular section. Section A is meant for Arts Group. The candidates who select the Arts Group shall have to answer all the questions from General English, Odia, Geography, History and Political Science. The candidates selecting the Science Group in Section B shall have to answer all the questions from Physical Science, Bio-Science and Mathematics. Each question carries one mark. All the questions are of multiple choice types.

Syllabus for B.Ed. Arts Stream

Section: I   **Full Marks: 40**

Language (English)	Comprehension, Vocabulary & Usage	10 Marks
General Awareness	Everyday science, Political system and happenings, General information, Educational committees and commissions, Educational policies and initiatives, Agencies working for education	10 Marks
Reasoning	Logical and Analytical Reasoning	10 Marks
Teaching Aptitude	Solving problem of educational context, managing classroom and learning, Learner and learning related issues, goals of education, role of various agencies and organization in management of education,	10 Marks

issues related to teaching learning strategies.	

Section: II   **Full Marks: 60**

Subjects	No. of Questions / Marks
General English	15
Odia	10
History and Political Science	20
Geography and Economics	15
Total	60

Detailed Syllabus for Section II (Arts Stream):
(English, Odia, History and Political Science, Geography and Economics)

English:
- Comprehension – Unseen text
- Word formation, derivation, antonyms and Synonyms
- Spelling and punctuation
- Grammar (Parts of speech, time and tense, change of voice, Direct and indirect speech and transformation of sentences)

Odia:
- Comprehension – Unseen text
- Odia Dhwani, Odia Vocabulary – Word formation and syntax, Spelling and Punctuation
- Grammar (Karaka, Bibhakti, Samasa)

History and Political Science:
- Rise of the British power in India
- Socio-religious Movements in 19th Century
- India's struggle for freedom
- French Revolution, 1st World War and 2nd World War
- Salient features of Indian constitution and Fundamental Rights
- Functions of Legislative Assembly, Parliament, High Court and Supreme Court

Geography and Economics:

- Latitude and Longitude
- Physical division of India
- Natural Resources
- Social and economic resources
- Conservation of forest and wild life
- Basic Features of India Economy

Syllabus for B.Ed. Science Stream

Section: I   **Full Marks: 40**

Language (English)	Comprehension, Vocabulary & Usage	10 Marks
General Awareness	Everyday science, Political system and happenings, General information, Educational committees and commissions, Educational policies and initiatives, Agencies working for education	10 Marks
Reasoning	Logical and Analytical Reasoning	10 Marks
Teaching Aptitude	Solving problem of educational context, managing classroom and learning, Learner and learning related issues, goals of education, role of various agencies and organization in management of education, issuing related to teaching learning strategies.	10 Marks

Section: II   **Full Marks: 60**

Subjects	No. of Questions / Marks
Physical Science	20
Bio – Science	20
Mathematics	20
Total	60

Detailed Syllabus for Section II (Science Stream):
(Physical Science, Bio-Science, Mathematics)

Physical Science:
- Atomic structure – Atoms and molecules, classification of elements
- Chemical reactions and equations
- Motion – Laws of motion, concept of work, energy pressure and their measurement
- Electricity and magnetism: - Electric Circuit, Potential difference, magnetic Field, lines of force, electro-magnetic induction
- Heat, Light and Sound

Mathematics:
- Number System, Ratio and Proportion
- Set theory, relations and functions
- Linear, Simultaneous and quadratic equations, polynomials
- Theory of Indices, Logarithm and Antilogarithm
- Trigonometric Ratios and Indices, Problems on height and distance
- Basic Geometrical Concepts and Geometry of plane figures

Biological Science:
- Cell : Structure, Components and Functions
- Diversities in plants and animals
- Natural resources
- Environment – Eco-system, flow of energy, Bio-Geo Chemical cycle in nature, environmental degradation and pollution
- Basic Physiological function in plants and animals : Nutrition, Respiration, Excretion and Reproduction

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