

GUJARAT RESEARCH SOCIETY'S  
HANSRAJ JIVANDAS COLLEGE OF EDUCATION  
(AUTONOMOUS, NAAC RE-ACCREDITED: A+)  
SEMESTER III PRELIMINARY EXAMINATION (2025-2026)

Course Code: **BED193EC26** Course: **EC2: Pedagogy of school subject Mathematics**

Date: **03/01/2026**

Time: **2 Hours**

Marks: **60**

Please check whether you have got the right question paper.

N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.

2. Marks are indicated against each question

- 1 Explain the place of Mathematics in the present school curriculum. 10
- 2 "Concentric approach of curriculum construction allows students to build upon prior knowledge in ever widening circles." Elaborate with reference to meaning, merits and demerits of Concentric approach of curriculum construction in Mathematics. 10
- 3 Elucidate the Inductive-Deductive method of teaching Mathematics. 10
- 4 "Continuous professional development is essential for Mathematics teachers." Explain with reference to the need of Continuous professional development for a Mathematics teacher. 10
- 5 Elaborate the nature of Mathematics. 10
- 6 How would a teacher make use of Assignment technique in teaching of Mathematics? 10
- 7 "Digital tools enhance conceptual understanding when used appropriately." Justify with reference to the use of GeoGebra for teaching Mathematics (**Any six**). 10
- 8 Illustrate the Remedial teaching in Mathematics. 10
- 9 Attempt **any two** of the following: 10
  - a) Use of maxim Known to Unknown in teaching of Mathematics
  - b) Relationship between Mathematics and its subjects (**Any four**)
  - c) Aims and Objectives of teaching Mathematics at higher secondary level (NCF 2005)
  - d) Significance of Mathematic Club (**Any four**)

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Course Code: **BED193EC23**

Course: **EC2: Pedagogy of school subject 2: English**

Date: **03/01/2026**

Time: **2 Hours**

Marks: **60**

Please check whether you have got the right question paper.

N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.

2. Marks are indicated against each question.

1. Explain the Becher-Biglan classification of Academic Disciplines. 10
2. Illustrate the procedure of **any one** expository technique of teaching English. 10
3. Elaborate the types of language registers. 10
4. "Correlation promotes unification of knowledge." Illustrate with reference to the inter (external) correlation of English with **any two** school subjects. 10
5. Elucidate the techniques of assessment for listening and speaking skills in English language. 10
6. How would an English teacher teach appreciation of poems? 10
7. "Good teachers are committed to continuous professional development." Elaborate with reference to need and avenues of continuous professional development. 10
8. Explain the uses of **any two** Social Networking sites as E- resources in the study of English. 10
9. Attempt **any two** of the following: 10
  - a) **Any two** general aims of teaching English.
  - b) Remediation for difficulties in language learning
  - c) Relationship between Academic discipline and its subjects (**Any four**)
  - d) Importance of English language in day-to-day life

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SEMESTER III PRELIMINARY EXAMINATION (2025-2026)

Course Code: **BED193EC24**

Course: **EC2: Pedagogy of school subject II: Geography**

Date: **03/01/2026**

Time: **2 Hours**

Marks: **60**

Please check whether you have got the right question paper.

N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.

2. Marks are indicated against each question.

1. Explain the 'Simple to Complex' and 'Concrete to Abstract' maxims of teaching Geography with relevant examples. 10
2. "Geography is the study of Earth's surface and its relationship with humans and nature." Justify with reference to the scope of Geography with suitable examples. 10
3. Elaborate the significance of 'Geographical Information System'(GIS) in the teaching of Geography. 10
4. "Teachers play a pivotal role in shaping learning outcomes." Elucidate with reference to the challenges faced by a Geography teacher. **(Any Seven)** 10
5. Explain the classification of academic disciplines based on Becher-Biglan typology with emphasis on Pure-hard and Pure-soft types. 10
6. "Learning resources help students develop a deeper understanding of Geography." Justify with reference to the significance of Models and Aerial Photographs in the teaching of Geography. 10
7. Illustrate the Project Method of teaching Geography. 10
8. Elucidate the steps of Remedial teaching with a suitable example. 10
9. Attempt **any two** of the following: 10
  - a) Advantages of Concentric approach of Curriculum construction
  - b) Significance of a Geography Club
  - c) Issues of Social Sciences in the present school curriculum
  - d) Meaning of Geo-Literacy

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SEMESTER III PRELIMINARY EXAMINATION (2025-2026)

Course Code: **BED193EC25**

Course: **EC2: Pedagogy of school subject II: History**

Date: **03/01/2026**

Time: **2 Hours**

Marks: **60**

Please check whether you have got the right question paper.

N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.

2. Marks are indicated against each question.

1. Illustrate the ways to detect bias in a History and Political Science textbook. 10
2. "The personal dimension of Culturally Responsive Pedagogy encompasses the mindset of culturally responsive educators." Justify. 10
3. Describe the place of Social Sciences in the present school curriculum. 10
4. Explain internal correlation of History and Political Science. 10
5. "The use of audio-visual resources enriches teaching." Justify with reference to use of Documentaries in teaching of History and Political Science. 10
6. Elaborate 'Historical thinking concepts' by Peter Seixas and Tom Morton. 10
7. Illustrate the process of Lecture-cum-discussion method of teaching History and Political Science. 10
8. "History teachers face innumerable of challenges while teaching." Explain with reference to pedagogical challenges faced by History and Political Science teacher. 10
9. Attempt **any two** of the following: 10
  - a) **Any four** avenues for professional development of a History and Political Science teacher
  - b) **Any three** objectives of teaching History at the secondary level
  - c) **Any three** merits of Project-based learning
  - d) Meaning of Academic Disciplines

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Course Code: **BED193EC22**

Course: **EC2: Pedagogy of school subject 2: Economics**

Date: **03/01/2026**

Time: **2 Hours**

Marks: **60**

Please check whether you have got the right question paper.

N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.

2. Marks are indicated against each question.

1. Explain the Becher-Biglan classification of Academic disciplines. 10
2. "Seminar method promotes active learning and sharing of ideas among students." Illustrate with reference to the procedure of Seminar method of teaching Economics. 10
3. Elucidate the challenges faced by an Economics Teacher (**Any seven**). 10
4. Illustrate **any three** principles of teaching Economics. 10
5. "Entrepreneurship is the creation or extraction of economic value in ways that involve a level of risk greater than that accepted by a traditional business." Elucidate the value of Entrepreneurship inculcated through teaching of Economics. 10
6. How would a teacher use 5E Constructivism in teaching of Economics. 10
7. Elaborate the characteristics of Economics textbook. 10
8. "Correlation aids in unification of knowledge existing in the different branches of learning." Justify with reference to Inter (External) correlation of Economics with **any two** school subjects. 10
9. Attempt **any two** of the following: 10
  - a) Objectives of teaching of Economics at Higher Secondary level (**Any four**)
  - b) Importance of ICT in teaching of Economics (**Any four**)
  - c) Need of Professional Growth
  - d) Meaning of Academic disciplines

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Course Code: **BED193EC27**

Course: **EC2: Pedagogy of school subject 2: Science**

Date: **03/01/2026**

Time: **2 Hours**

Marks: **60**

Please check whether you have got the right question paper.

N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.

2. Marks are indicated against each question.

1. Explain the nature of Science. 10
2. "Explaining about their predictions and hearing from others helps students think about their learning and construct new meanings." Justify with reference to the steps of PEOR in teaching of Science. 10
3. Elaborate the Becher- Biglan typology of Academic Disciplines. 10
4. "Science Club helps develop organizational skills in students." Justify with reference to organization of Science Club. 10
5. Elucidate the Laboratory method of teaching Science. 10
6. Illustrate the internal correlation of Science in the curriculum. 10
7. "Continuous professional development is essential for Science teachers." Explain with reference to the avenues of Continuous professional development available for a Science teacher. 10
8. Elaborate the characteristics of a good Science textbook. 10
9. Attempt **any two** of the following: 10
  - a) Use of Maxim 'Particular to General' in teaching of Science
  - b) Remedial Teaching in Science
  - c) Aims and objectives of teaching Science at upper primary level (NCF2005)
  - d) Meaning of Academic Disciplines