

GUJARAT RESEARCH SOCIETY'S
HANSRAJ JIVANDAS COLLEGE OF EDUCATION

(AUTONOMOUS, NAAC RE-ACCREDITED: A+)

PRELIMINARY EXAMINATION SEMESTER II

Course Code: BED192EC17 Course Name: EC1: PEDAGOGY OF SCHOOL SUBJECT-SCIENCE

Date: 4/10/2022

Time: 2 Hours

Marks: 60

- N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.
2. Marks are indicated against each question.

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| 1 | Elucidate the typology of Academic Disciplines as proposed by Becher-Biglan. | 10 |
| 2 | “The subject of Science has immense benefits for mankind.” Justify with reference to values of teaching Science. | 10 |
| 3 | Illustrate any three maxims of teaching Science. | 10 |
| 4 | Explain the steps of PEOR, as a tool in teaching of Science with a suitable example. | 10 |
| 5 | “Developing global perspectives must be central to education in today’s context.” Justify with reference to the meaning and need for global perspectives in Science curriculum. | 10 |
| 6 | “Inductive and Deductive methods are said to be complementary to each other.” Justify. | 10 |
| 7 | Explain the planning and maintenance of Science Laboratory. | 10 |
| 8 | “Field trips are a great source of multisensory learning experience.” Elaborate with reference to significance of field trips in teaching of Science. | 10 |
| 9 | Attempt any two of the following: - | 10 |
| | a) Relation of Science with its subjects | |
| | b) Objectives of teaching Science at Secondary Level | |
| | c) Need for Professional growth of a Science teacher | |
| | d) Significance of Improvised Apparatus in teaching of Science | |

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PRELIMINARY EXAMINATION SEMESTER II

Course Code: BED192EC12 Course Name: EC1: PEDAGOGY OF SCHOOL SUBJECT: ECONOMICS

Date: 4/10/2022

Time: 2 Hours

Marks: 60

- N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.
2. Marks are indicated against each question.

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| 1 | Explain the essential characteristics of a good Economics Textbook | 10 |
| 2 | “Continuous Professional Development is needed for teachers to keep pace with the changing times.” Elucidate with reference to the need and ways of Continuous Professional Development for an Economics teacher. | 10 |
| 3 | Illustrate any three maxims of teaching Economics. | 10 |
| 4 | Explain the meaning and procedure of Case Study Method with a suitable example. | 10 |
| 5 | “Students understanding of Economics cannot be facilitated without the awareness of consumerism.” Explain with reference to the role of a teacher in inculcation of value of Consumerism among students. | 10 |
| 6 | Elucidate the scope of Economics. What is the importance of Economics in day-to-day life? | 10 |
| 7 | How are Humanities and Economics subjects placed in the present school curriculum? | 10 |
| 8 | “An environment of purposeful interactions is created in the classroom by a teacher with the use of Discussion method of teaching Economics.” Justify with reference to the procedure and advantages of this method. | 10 |
| 9 | Attempt any two of the following: - | 10 |
| | a) Any five challenges faced by an Economics teacher | |
| | b) Relationship between academic disciplines and Economics subject | |
| | c) Importance of visit to industries in the teaching of Economics | |
| | d) Elucidate any two principles of teaching Economics | |

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PRELIMINARY EXAMINATION SEMESTER II

Course Code: **BED192EC13**

Course Name: **EC1- Pedagogy of School Subject- English**

Date: 4/10/2022

Time: 2 Hours

Marks: 60

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

2. Marks are indicated against each question.

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| 1 | What are maxims of teaching? Illustrate any two maxims for effective language teaching | 10 |
| 2 | “Inductive deductive approach to teaching combines best of both the methods.” Illustrate. | 10 |
| 3 | “Language difficulties need to be addressed and handled effectively by the language teachers.” Explain the procedure of identifying and designing a remedial programme for any one area of language difficulty. | 10 |
| 4 | How is English important in our day-to-day life? | 10 |
| 5 | “Library, a rich learning resource for language learning, needs to be used to the maximum, especially in the current times.” Elaborate. | 10 |
| 6 | Elucidate any two expository techniques of teaching language. | 10 |
| 7 | Describe the challenges faced in classroom by an English teacher in India | 10 |
| 8 | Explain the place of English in the present school curriculum | 10 |
| 9 | Attempt any two of the following: -
a) Objectives of teaching English at higher secondary level
b) Nature of Language (Any Four)
c) Meaning of Academic Discipline
d) Use of ICT in assessment (Any one) | 10 |

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PRELIMINARY EXAMINATION SEMESTER II

Course Code: BED192EC104 Course Name: EC1:PEDAGOGY OF SCHOOL SUBJECT-GEOGRAPHY

Date: 4/10/2022

Time: 2 Hours

Marks: 60

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

2. Marks are indicated against each question.

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| 1 | Explain the essential competencies needed by an effective Geography teacher. | 10 |
| 2 | “ ‘A’ Method makes Geography teaching a Cognitive experience for students.” Justify the statement with reference to the process of ‘A’ method with a relevant example. | 10 |
| 3 | Elucidate Diagnostic testing and Remedial teaching in Geography with suitable illustrations. | 10 |
| 4 | Elaborate the meaning and significance of GIS in the teaching of Geography. | 10 |
| 5 | “Life cannot sustain on earth without having Geo- Literate populace.” Elaborate with reference to the need and ways to create Geo-Literacy awareness among students in the classroom. | 10 |
| 6 | State the importance of correlation. How will a teacher correlate Geography with Science and History? | 10 |
| 7 | How are Humanities and Social Science placed in the present school curriculum? | 10 |
| 8 | “Textbooks provide a rich array of interesting facts and opens the door to a world of fantastic experience to students.” Explain with reference to the characteristics of a good Geography textbook. | 10 |
| 9 | Attempt any two of the following: -
a) Advantages of Topical approach of curriculum construction
b) Importance of a Geography Club
c) Nature of Geography
d) Topology of disciplines as proposed by the Becher - Biglan groupings | 10 |

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PRELIMINARY EXAMINATION SEMESTER II

Course Code: BED192EC16 Course Name: EC1: PEDAGOGY OF SCHOOL SUBJECT: MATHEMATICS

Date: 4/10/2022

Time: 2 Hours

Marks: 60

- N.B. 1. Answer any **six** questions of the following out of which Q.9 is compulsory.
2. Marks are indicated against each question.

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| 1 | Illustrate any three maxims of teaching Mathematics | 10 |
| 2 | “Mathematics occupies an important place in the present school curriculum.” Justify. | 10 |
| 3 | “Mathematics disciplines the mind of the learner.” Elaborate with reference to the disciplinary value of teaching Mathematics. | 10 |
| 4 | Explain the features and significance of drill as a technique in teaching of Mathematics. | 10 |
| 5 | “Mathematics Laboratory provides an opportunity for the students to discover Mathematics through doing.” Justify with reference to significance of Mathematics Laboratory. | 10 |
| 6 | Elucidate the need and avenues of Continuous Professional Development for a Mathematics teacher. | 10 |
| 7 | Explain with a suitable example Analytical Synthetic method of teaching Mathematics. | 10 |
| 8 | Elucidate the aims and objectives of teaching Mathematics at secondary and higher secondary levels (NCF 2005). | 10 |
| 9 | Attempt any two of the following: - | 10 |
| | a) Demerits of Topical Approach of curriculum construction in Mathematics | |
| | b) Meaning of Academic Discipline | |
| | c) GeoGebra as a digital resource in Mathematics | |
| | d) Remedial Teaching in Mathematics | |
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