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Second Year B.Ed.
EXAMINATION JUNE 2023
EDU-09 : Assessment and Evaluation

[Time: 2 Hours]

[Max. Marks:65]

- Instructions:** 1. All questions are compulsory
2. Use of a simple calculator is Allowed.

1. Answer **any one** of the following in about **400** words. (1 x 12=12)
a) Explain in detail the Revised Bloom's Taxonomy.
b) What is performance assessment? Discuss the steps that you would follow in designing a performance task.

2. Answer **any one** of the following in about **400** words. (1 x 12=12)
a) Discuss the steps involved in preparing a teacher-made achievement test.
b) How does collaborative and cooperative learning as group processes help in assessment for learning?

3. Answer **any four** of the following in **200** words each. (4 x 5=20)
a) Differentiate between true ability and observed ability.
b) Explain the use of projects as an assessment device.
c) How do constructivists differ from the objectivists in their approach to assessment?
d) Calculate the mean for the following dataset:

Class	1-5	6-10	11-15	16-20	21-25
Frequency	4	5	12	6	3

- e) Describe the measures of central tendency through examples.
f) Explain the significance of rubrics as an evaluation tool.
4. Write short notes on **any seven** of the following in about **100** words each. (7x3=21)
a. Assessment as Learning.
b. Feedback to stakeholders.
c. Advantages of CCE.
d. Non-detention policy in school.
e. Characteristics of a good assessment tool.
f. Self-assessment.
g. Use of question bank.
h. Open book test.
i. Recent trends in assessment.

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Second Year B.Ed.
EXAMINATION JUNE 2023
EDU-11: Inclusive Education

[Time:1 Hours]

[Max. Marks:30]

1. Answer **any three** questions out of four in 200 Words. (3x5=15)
- As a teacher how will you identify the children with Learning Disability. List out the different teaching learning activities to help them.
 - Differentiate between Life Skill Resource Room and Academic Skills Resource Room based on their components and activities.
 - Describe with relevant examples how alternative evaluation systems can be used for children with disability.
 - Discuss the barriers for Inclusion with relevant examples.
2. Write short notes on **any five** of the following in 100 words. (5x3=15)
- Text Book modification for differently abled.
 - Goa Children's Act 2003.
 - Educational challenges for visually impaired children.
 - Medical model of Inclusion.
 - Activities for sensitization on Inclusion.
 - Characteristics of scholastically backward children.

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Second Year B.Ed.
EXAMINATION JUNE 2023
EDU-12 : Action Research

[Time:1 Hours]

[Max. Marks:30]

Q.1 Answer any three from the following in about 200 words each. (3X5=15)

- What kind of precaution will you take while writing quotations and citations in your research?
- Describe the meaning and characteristics of Action Research.
- Discuss the merits and demerits of observation schedule with examples.
- Write down the different uses of quantitative data analysis tools such as percentage, mean and standard deviation.

Q.2 Answer any five from the following in about 100 words each. (5X3=15)

- Style of writing research report.
- Sources of research problem.
- Demerits of questionnaire.
- Types of Correlation.
- Merits of interview.
- Entries in research diary.

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Second Year B.Ed.
EXAMINATION JUNE 2023
EDU-13 : Environment Education

[Time:1 Hours]

[Max. Marks:30]

Instructions:All questions are compulsory.

1. Answer **any 3** in about 200 words. (3x5=15)
- Explain the meaning of Sustainable development. What are the objectives of Education for Sustainable Development?
 - Discuss with examples how projects can create awareness about environmental protection and conservation.
 - Explain the measures to reduce the loss of biodiversity and threats to habitats.
 - Discuss the various environmental problems and challenges that have an impact on the life on earth?
2. Answer **any 5** in about 100 words. (5x3=15)
- Effects of acid rain on biotic and abiotic factors in an ecosystem.
 - Outcomes of Apiko Andolan.
 - Importance of nature trails.
 - List some wholesome alternative life styles that are environment friendly.
 - Types of renewable and non-renewable resources.
 - Achievements of Project Rhino.

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Second Year B. Ed.
EXAMINATION JUNE 2023
EDU-07 & EDU-08: Subject Pedagogies Methodology of Teaching: Mathematics

[Time: 2:30 Hours]

[Max. Marks:75]

Instructions: All questions are compulsory.

- Q1** Answer any one of the following in about **400** words. (1 x 12=12)
- Discuss Gagne's Hierarchical levels of learning with suitable examples and enumerate its educational implications.
 - Explain the Inductive-Deductive method of teaching Mathematics with respect to following points.
 - Objectives
 - steps with examples
 - Advantages & limitations
 - Teachers Role
- Q2** Answer any one of the following in about **400** words: (1 x 12=12)
- What do you mean by "Learning Resources"? Explain any three learning resources for teaching Mathematics at secondary level with an example.
 - Evaluate the use of Discovery method of teaching Mathematics and illustrate it with suitable examples.
- Q3** Answer any five of the following in about **250** words. (5 x 6=30)
- Differentiate between Analytic-Synthetic methods and illustrate their use by taking any two examples.
 - Evaluate the use of the Teacher-Made test in Mathematics.
 - Illustrate the correlation between Mathematics and Science with suitable examples?
 - How can a teacher use constructivism in teaching Mathematics and in assessment of achievement?
 - Why are question banks important in the assessment of Mathematical achievement?
 - As a Mathematics teacher how will you carry out diagnosis and remedial instructions?
 - Evaluate the two approaches to Mathematics curriculum development.
- Q4** Write short notes on any seven of the following in about **100** words. (7 x 3=21)
- Computer Aided Instructions.
 - Problem posing.
 - Purpose of assessment.
 - Qualities of good Mathematics Teacher.
 - Concept formation and concept assimilation.
 - Role of Mathematics Teachers Association.
 - Assignments.
 - Investigative approach.
 - Merits of Heuristic method.

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Second Year B.Ed.
EXAMINATION JUNE 2023

EDU-07 & EDU-08: Subject Pedagogies Methodology of Teaching: Information Communication
Technology in Education (ICT) in Education

[Time: 2:30 Hours]

[Max. Marks:75]

Instructions:All questions are compulsory.

Q.1 Answer any one of the following in about 400 words. (1 x 12 = 12)

- A) Discuss the concept, meaning and nature of Information and Communication Technology.
- B) What are the models of teaching used in ICT? Develop a brief lesson plan on Advanced Organizer Model by selecting topic of your choice.

Q.2 Answer any one of the following in about 400 words. (1 x 12 = 12)

- A) What is a media projector? Discuss how a media projector is useful in the teaching-learning process?
- B) ICT is helpful for Social, Cultural and Economic development of an individual. Comment.

Q.3 Answer any five in about 250 words. (5 x 6 = 30)

- a) Write any three advantages of Learner Controlled Instructions (LCI).
- b) Discuss the basic principles of Instructional design in brief.
- c) What are the characteristics of Computer Assisted Learning? Explain any three in brief.
- d) Explain Input devices with appropriate examples.
- e) Why is it necessary for a teacher to use an Interactive White board in the class?
- f) Describe any three principles of programmed learning.
- g) What is the application of word processor in education?

Q.4 Answer any seven in about 100 words. (7 x 3 = 21)

- a) Meaning of Training Psychology.
- b) Explain instructional goals.
- c) Output devices.
- d) Lower Order Thinking Skills. (LOTS)
- e) Styles of programming in PI.
- f) Uses of e-library.
- g) Elements of Slides.
- h) Concept of Search Engines.
- i) Ethics in ICT.

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Second Year B.Ed.
EXAMINATION JUNE 2023
EDU-07 & EDU-08: Subject Pedagogies Methodology of Teaching: Hindi

[Time: 2:30 Hours]

[Max. Marks:75]

Instructions:सारे प्रश्न अनिवार्य हैं।

Q1 निम्नलिखित किसी एक प्रश्न का उत्तर लगभग ४०० शब्दों में लिखिए। (१x १२=१२)

अ) "स्वाध्याय से अज्ञान और अविद्या का आवरण हटने लगता है"। स्वाध्याय की विशेषताओं को ध्यान में रखते हुए आप किस तरह के स्वाध्याय देंगे स्पष्ट कीजिए।

आ) "बाल साहित्य न केवल नया ज्ञान प्रदान करती है - बच्चों की शब्दावली को समृद्ध करके और उनके संचार कौशल को बढ़ाकर भावनात्मक समर्थन भी सुनिश्चित करती है"। विधान की चर्चा सोदाहरण स्पष्ट कीजिए।

Q2 निम्नलिखित किसी एक प्रश्न का उत्तर लगभग ४०० शब्दों में लिखिए। (१x १२=१२)

क) "अशुद्ध उच्चारण की समस्याओं का उल्लेख करते हुए उनके निवारण के विभिन्न उपायों की विवेचना कीजिए।

ख) "निदानात्मक एवं उपचारात्मक शिक्षण दोनों एक ही सिक्के के दो पहलू के समान हैं, बिना एक दूसरे के दोनों अधूरे हैं। विधान की चर्चा सोदाहरण स्पष्ट कीजिए।

Q3 निम्नलिखित किन्हीं ५ प्रश्नों के उत्तर लगभग २५० शब्दों में लिखिए। (५x६ =३०)

ट) भाषा शिक्षण में अगर खेल की मदद ली जा सके तो बच्चों की भागीदारी खुद-ब-खुद सुनिश्चित हो जाएगी और साथ ही इसमें आ जाएगा रोमांच और उत्साह। विधान को ध्यान में रखते हुए भाषिक खेल सुझाइए।

ठ) शिक्षण की सफलता उसके वार्षिक नियोजन पर आधारित रहती है। प्रक्रिया स्पष्ट कीजिए।

ड) जीवन में भाषा का महत्व स्पष्ट कीजिए।

ढ) अभ्यासानुवर्ती उपक्रमों द्वारा बालकों को मनोवैज्ञानिक आवश्यकताओं की पूर्ति आप किस तरह करेंगे ? उदाहरण सहित उपक्रम स्पष्ट कीजिए।

- ण) अंतर्जाल आज के कंप्यूटर युग की बेमिसाल उपलब्धि है, उपयोगिता तथा त्रुटियों पर प्रकाश डालिए।
- त) भारत में हिंदी भाषा यह संपर्क भाषा के रूप में रही है, क्या आप इस बात से सहमत हैं? क्यों? विवेचन कीजिए।
- थ) व्याकरण पाठ के लिए उद्गामी पद्धति अपेक्षाकृत अधिक उचित है स्पष्ट कीजिए।

Q4 निम्नलिखित किन्हीं ७ प्रश्नों पर लगभग १०० शब्दों में टिप्पणी कीजिए।

(७x३ = २१)

- प) वस्तुनिष्ठ प्रश्न प्रकार।
- फ) आदर्श हिन्दी भाषा अध्यापक के गुण।
- ब) तीन आयामी तक्ता।
- भ) हिन्दी भाषा अध्यापन में संप्रेषणात्मक प्रणाली।
- म) रिपोर्ट लेखन का अर्थ।
- य) हिन्दी भाषा अध्यापन के किन्हीं ३ सूत्र।
- र) सतत और व्यापक मूल्यांकन।
- ल) पाठ्यपुस्तक के अन्तरंग।
- व) नाटयीकरण अध्यापन पद्धति की परिणामकारकता।

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Second Year B.Ed.
EXAMINATION JUNE 2023

EDU-07 & EDU-08: Subject Pedagogies Methodology of Teaching: Social Science

[Time: 2:30 Hours]

[Max. Marks:75]

Q.1. Answer any one of the following in 400 words.

(12 marks)

- 'Lecture method has its own merit and demerits.' Justify. How will you use this method for teaching Social Science?
- What qualities according to you a social science teacher should possess to make teaching - learning of social science interesting to his/her students?

Q.2. Answer any one of the following in 400 words.

(12 marks)

- Differentiate between Bloom's taxonomy and revised Bloom's taxonomy. Write social instructional objectives based on the revised Bloom's taxonomy for any social science topic.
- Discuss the importance of psychological laboratory. Social science teacher should follow ethics while using psychological experimentation. Justify.

Q.3. Answer any five of the following in 250 words each.

(5 X 6=30)

- Explain the advantages and disadvantages of Discussion method.
- Explains the best practices in teaching social Sciences using action research.
- Explain Herbartian steps in lesson planning.
- Write down five questions each for assessing understanding and applying ability of the student.
- How pre service training can helps social science teacher for professional development?
- Use of internet in the teaching -learning of social sciences.
- Discuss the essential characteristics of a good social science textbook.

Q.4. Write short note on any seven of the following in 100 words each.

(7X3=21)

- Concept of social science.
- Merits of Brainstorming.
- Uses of magazines.
- Characteristics of good lesson plan.
- Teacher assessment by student.
- Limitation of Experimental method.
- Advantage of Debate method.
- Use of Action Research in teaching social sciences.
- Merits of Project method.

Total No. of Printed Pages:01

Second Year B. Ed.
EXAMINATION JUNE 2023
EDU-07 & EDU-08: Subject Pedagogies Methodology of Teaching: Commerce

[Time: 2:30 Hours]

[Max. Marks:75]

Q.1. Answer any one of the following in 400 words. (1X12=12)

- Illustrate the instructional objectives for teaching Commerce?
- Teaching of Commerce can be made interesting through various Methods of Teaching. Describe any one of the best methods in your own words along with merits and demerits.

Q.2. Answer any one of the following in 400 words. (1X12=12)

- As a teacher of Commerce subject suggest various indoor-co-curricular activities for the enrichment of knowledge in Commerce students.
- Describe the necessary components of constructing unit test? Exemplify the types of test items.

Q.3. Answer any five of the following in 250 words each. (5 X 6=30)

- What is unit plan? Discuss the steps involved in developing a unit plan.
- Merits and demerits of Advance Organizer Model.
- Explain the important characteristics of a good Commerce text book.
- Suggest various ways through which teachers can enrich and enhance their experience for Professional development.
- How you as a teacher would use projected aids in teaching commerce.
- How would you integrate ICT in the teaching of commerce?
- Appraise the effect of Continuous and Comprehensive Evaluation (CCE) system.

Q.4. Write short note on any seven of the following in 100 words each. (7X3=21)

- Importance of annual plan.
- Significance of PCK.
- Concept Attainment Model.
- Use of community resources.
- Use of Journals in commerce.
- Importance of Blue Print in Commerce.
- Use of T.V. in teaching of Commerce.
- Merits of Problem-solving method.
- Non-references test.

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Second Year B.Ed.
EXAMINATION JUNE 2023
EDU-07 & EDU-08: Subject Pedagogies Methodology of Teaching: English

[Time:2:30 Hours]

[Max. Marks:75]

Instructions:All questions are compulsory.

- Q1 Answer any one of the following in about 400 words. (1x12=12)**
- A) Explain the Concept of Teaching Writing in English Language Teaching (ELT) and suggest five graded activities for enhancing the Writing Skills of L2 Learners.
 - B) What kind of activities would you undertake to achieve the objectives of Activity Based Learning (ABL) lesson plan? Substantiate your answer using appropriate examples.
- Q2 Answer any one of the following in about 400 words. (1x12=12)**
- A) As a Teacher, what components would you keep in mind while constructing a Unit Test? Elaborate on the procedure of Test Planning in ELT.
 - B) Describe the Concept of Receptive Skills in ELT. Suggest five graded activities for enhancing any one of the Receptive Skills.
- Q3 Answer any five of the following in about 250 words. (5x6=30)**
- a) English is a link National and International Language. Elaborate.
 - b) Discuss the importance of using Communicative Methodology for Teaching English Grammar.
 - c) Justify the use of Computer Assisted Language Learning (CALL) in enhancing the language abilities of L2 Learners?
 - d) Differentiate between Prescriptive and Descriptive Grammar.
 - e) How do Assignments and Projects contribute to the authentic assessment of L2 learners?
 - f) Differentiate between Prose and Poetry based on their purpose in ELT.
 - g) Describe the Lower Order Thinking Skills (LOTS) from the Cognitive Domain.
- Q4 Answer any seven of the following in about 100 words. (7x3=21)**
- a) Any three strategies for developing Critical Thinking.
 - b) Stages of CPD framework.
 - c) Any three graded activities for Remediation of Slow Learners.
 - d) Steps in teaching Letter Writing.
 - e) Any three techniques for enhancing Speaking Skills.
 - f) Characteristics of Pedagogic Grammar.
 - g) The concept of a Blue Print in ELT.
 - h) Importance of Annual Planning.
 - i) Stages of Lesson Planning.

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SRNJ23-16

Second Year B. Ed.
EXAMINATION JUNE 2023
EDU-07 & EDU-08: Subject Pedagogies Methodology of Teaching: Marathi

[Time: 2:30 Hours]

Instructions: Marks assigned to each question should be shown against each question. [Max. Marks:75]

- प्रश्न १: खालीलपैकी कोणत्याही एका प्रश्नाचे उत्तर सुमारे ४०० शब्दांत लिहा. (१×१२=१२)
- अ) शैक्षणिक निदान आणि उपचारात्मक अध्यापनाची प्रक्रिया उदाहरणांद्वारे पटवून द्या.
- आ) भाषा अध्यापनात मौखिक मूल्यमापनाचे महत्त्व स्पष्ट करून त्याच्या प्रकारांची चर्चा करा.
- प्रश्न २: खालीलपैकी कोणत्याही एका प्रश्नाचे उत्तर सुमारे ४०० शब्दांत लिहा. (१×१२=१२)
- अ) आदर्श पाठ्यपुस्तकाचे निकष उदाहरणांसह स्पष्ट करा.
- आ) शैक्षणिक साधनांचे थोडक्यात वर्गीकरण करून एक साधनांचे महत्त्व व मर्यादा स्पष्ट करा.
- प्रश्न ३: खालीलपैकी कोणत्याही पाच प्रश्नांची उत्तरे सुमारे २५० शब्दांत लिहा. (५×६=३०)
- क) पद्य साहित्याचे प्रकार थोडक्यात स्पष्ट करा.
- ख) बुद्धिमंथन पद्धती म्हणजे काय? या पद्धतीचे फायदे व तोटे यांची चर्चा करा.
- ग) लेखी परीक्षा म्हणजे काय ते सांगून तिचे महत्त्व व मर्यादा तुमच्या शब्दांत लिहा.
- घ) मराठी भाषा शिक्षकाची कोणतीही सहा गुण वैशिष्ट्ये स्पष्ट करा.
- ङ) अध्ययन अध्यापन मनोरंजक होण्यासाठी तुम्ही कोणत्या भाषिक खेळांची योजना कराल? सोदाहरण चर्चा करा.
- च) लेखन दोष म्हणजे काय? लेखन दोष निवारणासाठी तुम्ही कोणते उपाय कराल?
- छ) मराठी भाषा अध्यापनाची सूत्रे सविस्तर स्पष्ट करा.
- प्रश्न ४: खालील पैकी कोणत्याही सात विषयांवर प्रत्येकी १०० शब्दांत टिपा लिहा. (७×३= २१)
- त) संविधान तक्त्याची उपयुक्तता स्पष्ट करा.
- थ) चरित्र व आत्मचरित्र या साहित्य प्रकारांमधील फरक स्पष्ट करा.
- द) परिसंवाद पद्धतीचे महत्त्व.
- ध) स्वाध्यायाची संकल्पना स्पष्ट करा.
- न) पाठ नियोजनाची आवश्यकता.
- प) श्रवण दोष निवारणाचे उपाय.
- फ) सातत्यपूर्ण सर्वेकष मूल्यमापन संकल्पना.
- ब) घटक नियोजनाची आवश्यकता.
- भ) भाषा प्रयोगशाळेचे महत्त्व.

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Second Year B. Ed.
EXAMINATION JUNE 2023
EDU-07 & EDU-08: Subject Pedagogies Methodology of Teaching: Science

[Time: 2:30 Hours]

[Max. Marks:75]

Instructions: All questions are compulsory.

Q.1. Answer any one of the following in 400 words.

1X12=12

- a. Explain basic science process skills with suitable examples and elaborate its role in teaching and learning science.
- b. Elicit the difference between constructivist and objectivist approach to teaching science with suitable example.

Q.2. Answer any one of the following in 400 words.

1X12=12

- a. Describe the role of performance assessment in science teaching and also mention different tools used for performance assessment.
- b. What is Inquiry Training Model? How can Inquiry Training Model make teaching science more effective? Cite suitable example.

Q.3. Answer any five of the following in 200 words.

5X6=30

- a. Write a brief lesson plan with the help of TWA strategy using any suitable topic.
- b. Briefly describe the phases of Concept Attainment Model by citing suitable example.
- c. Design a rubric for assessing science projects and describe its importance.
- d. Cite examples of science as a process and a product.
- e. Describe the use of Graphic organisers and worksheets to enhance Science teaching using suitable examples
- f. Explain the use of any three Kagan Cooperative Learning structures by citing suitable examples.
- g. How can science debates and discussions be beneficial for science students? Cite examples of topics in science that can be used for debates.

SRNJ23-15

7X3=21

- Q.4. Write short notes on any seven of the following in 100 words each.
- Use of whiteboard/smartboard to enhance science teaching.
 - Mention any 3 principles of brain-based teaching strategy.
 - Frame higher order questions for any suitable topic using Revised Bloom's Taxonomy.
 - Ways to enhance Scientific and Technological Literacy (STL) among students.
 - Objectives of teaching science teaching at secondary level.
 - Cite any three web 2.0 tools and its use for science learners.
 - Importance of Correlation of science and other school subjects.
 - Benefits of Drama and Music in teaching and learning science.
 - Design a checklist for assessment of laboratory work.