

**B.Ed. Semester-II Examination 2023**  
**Course: B.Ed.-121: Learning and Teaching**

**Time: 2 hrs**

**Full Marks: 35**

**Questions are of value as indicated in the margin.**

**Group-A**

**1. Attempt any ONE of the following:**

**1x10**

- a) Enumerate the function of memory in storing and constructing new knowledge. How does Cognitive approach of learning differ from Behaviouristic approach of learning?  
4+6=10
- b) Define the term teaching. Explain with suitable examples how a teacher can make his/ her teaching learner centric and inclusive?  
2+8=10
- c) What do you mean by reflective teaching? Explain the types of reflective teaching with suitable examples.  
3+7=10

**Group-B**

**2. Attempt any THREE of the following:**

**3x5=15**

- a) How Cognitive constructivism differs from Social constructivism in terms of learning and knowledge construction. 5
- b) How Reinforcement is responsible in strengthening desirable behavior among learners? Describe the types of reinforcement schedule and its implications. 2+3=5
- c) What are the features of healthy learning environment for students in schools? Discuss the role of constructive teachers in creating such situation. 5
- d) What are the similarities and differences between Pedagogy and andragogy? 5
- e) Discuss the advantages of microteaching and simulated teaching for teacher trainees. 5

**Group-C**

**3. Attempt all questions:**

**5x2=10**

- a) State any two learning strategies in storing knowledge throughout the life.
- b) What is 5E learning cycle of constructivism?
- c) Write about learning styles with suitable examples.
- d) Define model of teaching. What are the important elements of a model of teaching?
- e) What do you mean by teacher centric approach?

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**B.Ed. Semester-II Examination 2023**  
**Course: B.Ed. -122 Assessment for Learning**

**Time: 3 hrs**

**Full marks: 70**

**Questions are of value as indicated in the margin.**

**Group-A**

Answer any **two** questions:

15×2=30

1. What is evaluation? Mention its nature and scope in education. Distinguish between evaluation and assessment 2+4+4+5
2. How achievement test is different from an intelligence test? Write down the steps for preparation of an achievement test. 5+10
3. What do you mean by measures of central tendency? Find out mode and SD of the following distribution:

Score	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
f	1	3	4	6	8	12	8	5	3

Draw an Ogive of this distribution.

2+5+5+3

4. What are the main characteristics of a standardized test? Describe any standardized Indian or foreign test of Personality known to you. 5+10

**Group-B**

5. Attempt **any six** of the following:

5×6=30

- a) What is an attitude? Describe the main features of an attitude scale with example. 2+3
- b) Discuss different types of scales of measurement with example. 5
- c) What is NRT? How is it different from CRT? 2+3
- d) Differentiate between Z-Scores and T-Scores in statistical data? 5
- e) What is the reliability of a test? Explain the types of reliability with example. 2+3
- f) Give a brief note on Histogram with picture description. 5
- g) Write down the similarities and differences between formative and summative evaluation. 2+3
- h) What is an observation? How different types of observational techniques can be used for student evaluation? 2+3

**Group-C**

6. Attempts **all** the questions:

2×5= 10

- a) What is an item in a test?
- b) What do you mean by Quartile Deviation
- c) What do you mean by Norm?
- d) What is Diagnostic test?
- e) What is Bi- modal distribution?

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**B.Ed. Examination, 2023**

**Semester- II**

**Course: B.ED. 123/124**

**Pedagogical Knowledge of School Subject I/II: Hindi**

**Time: 03 Hours**

**Full Marks: 70**

Questions are of value as indicated in the margin

**किन्हीं दो प्रश्नों का उत्तर दें:**

15x2= 30

1. भाषा की विशिष्टताओं को रेखांकित करते हुए उसके प्रकारों को सोदाहरण लिखिए। 6+9= 15
2. यथार्थवत-शिक्षण (Simulated teaching) और सूक्ष्म-शिक्षण (Micro teaching) के अंतर को स्पष्ट करते हुए किन्हीं चार सूक्ष्म शिक्षण कौशलों का उल्लेख कीजिए। 7+8= 15
3. भारत में बहुभाषी कक्षाओं की भूमिका को रेखांकित करते हुए द्विभाषिकता के भेदों को सोदाहरण बताइए। 9+6= 15
4. हिंदी की संवैधानिक स्थिति को स्पष्ट करते हुए, 'राजभाषा' बनाम 'राष्ट्रभाषा' के स्वरूप को व्याख्यायित कीजिए। 5+5+5= 15
5. किन्हीं छः प्रश्नों का उत्तर दें : 5x6= 30
  - (1) हिंदी भाषा के विकास क्रम में 'खड़ीबोली' के स्वरूप पर संक्षिप्त टिप्पणी कीजिए। 5
  - (2) 'ब्लूम' के शिक्षण प्रणाली का आलोचनात्मक मूल्यांकन कीजिए। 5
  - (3) द्वितीय भाषा के रूप में हिंदी शिक्षण की कठिनाइयों का उल्लेख कीजिए। 5
  - (4) 'NCF 2005' के आधार पर भाषा कौशल की विशेषताओं को स्पष्ट कीजिए। 5
  - (5) भाषा शिक्षण में 'सम्प्रेषण' की महत्ता को रेखांकित कीजिए। 5
  - (6) प्राथमिक स्तर पर मातृभाषा शिक्षण के उद्देश्यों पर प्रकाश डालिए। 5
  - (7) 'यथार्थवत शिक्षण' की विशेषताओं को रेखांकित कीजिए। 5
  - (8) भाषा शिक्षण में 'त्रिभाषा-सूत्र' की उपयोगिता पर प्रकाश डालिए। 5
6. सभी प्रश्न अनिवार्य हैं : 2x5= 10
  - (1) 'पुनर्बलन-कौशल' के प्रकारों को बताइए। 2
  - (2) 'सांकेतिक भाषा' से आप क्या समझते हैं? 2
  - (3) 'कूट-मिश्रण' एवं 'कूट-अंतरण' का एक-एक उदाहरण दीजिए। 2
  - (4) 'बोली' और 'भाषा' में प्रमुख अंतर बताइए। 2
  - (5) 'मौन वाचन' की उपयोगिता पर प्रकाश डालिए। 2

**Group-A**

Answer any **Two** questions:

**15x2=30**

1. What are the aims and objectives of teaching physical science at secondary level?  
Critically analyze the present curriculum. 7+8
2. What is the 'project method' for teaching of physical science? Explain your answer by taking a topic from physics or chemistry as an example. Discuss its merits and demerits. 3+8+4
3. What is meant by 'improvised apparatus'? Why it has been given much importance nowadays for the improvement of science teaching in secondary schools? Describe the construction of an improvised science apparatus and mention its use in a classroom demonstration. 2+5+8
4. Prepare a lesson plan of 40 minutes duration on any one of the following topics mentioning the class for which it is intended. (a) Reflection of light (1) Current electricity (2) Acid, Bases and salts d) preparation of carbon dioxide gas. 15

**Group-B**

5. Attempt **any six** of the following:

**5x6=30**

- a) What is problem solving method? Illustrate this method with reference to any topic from physics or chemistry. 2+3
- b) What is C.A. I.? What is the role of physical science teacher in C. A.I.? 1+4=5
- c) Briefly discuss the simplest but most convenient science laboratory that you would have in a secondary school at the least expense. 5
- d) Describe Science-Technology-Society movement to physical science education. 5
- e) Briefly explain the impact of physical science with reference to issues related to environment and industrialization. 5
- f) Briefly describe Gurudeva's perspective for planning an effective lesson of physical science. Also comment on the context of present scenario. 4+1
- g) "Creative activities of the learners can be fostered through a course of physical science in secondary schools" - Justify the Statement. 5
- h) Explain briefly the 'Concept Attainment Model' with respect to method and techniques of teaching-learning. 5

**Group-C**

6. Attempts **all** the questions:

**2x5= 10**

- a) Mention two special qualifications required for physical science teacher.
- b) Explain 'Science Club' as an educational device.
- c) Mention two important relations between physical science and life science
- d) Describe the importance of educational excursion in physical science teaching.
- e) Briefly discuss the role of 'Science Bulletin Board' for teaching physical science.



**B.ED. Examination 2023**

**Semester -II**

**Course : B.ED. 123/124**

**Pedagogical Knowledge of School Subject: Bengali**

**Time:3 Hours**

**Full Marks : 70**

**Questions are of value as indicated in the margin**

**Group- A**

১.যে কোনো দু'টি প্রশ্নের উত্তর দিন। ২×১৫=৩০

ক)মাতৃভাষা কাকে বলে? শিক্ষার মাধ্যম হিসাবে মাতৃভাষার ভূমিকা আলোচনা করুন। মাতৃভাষায় কীভাবে বানান ভুলের প্রতিকার করা যাবে তা নিজের ভাষায় লিখুন। ৩+৪+৮

খ) ভাষা শিক্ষকের চারিত্রিক গুণগুলি আলোচনা করুন। ১৫

গ) মাতৃভাষায় শিক্ষা দানের ক্ষেত্রে রবীন্দ্রনাথ ঠাকুরের মতামত আলোচনা করুন। ১৫

ঘ) নিম্নলিখিত যে কোনো একটি বিষয়ের উপর পাঠ পরিকল্পনা নির্মাণ করুন। ১৫

(i)নবম শ্রেণির উপযোগী পাঠ্য ব্যাকরণ (সমাস)

(ii)অষ্টম শ্রেণির উপযোগী পাঠ্য একটি পদ্যাংশ।

(iii) সপ্তম শ্রেণির উপযোগী একটি গদ্যাংশ।

**Group -B**

২.যে কোনো ছটি প্রশ্নের উত্তর দিন। ৬×৫=৩০

(ক) পাঠ পরিকল্পনা কী? পাঠ পরিকল্পনার সুবিধাগুলি আলোচনা করুন? ২+৩

(খ) কখন কাকে বলে? কথা বলার কৌশলগুলি লিখুন। ২+৩

(গ) লিখন দক্ষতার উৎকর্ষ সাধন কীভাবে করা যায়? ৫

(ঘ) ভাষা শিক্ষকের পক্ষে ধ্বনিতত্ত্বের জ্ঞান থাকা প্রয়োজন – এই সপক্ষে যুক্তি দিন। ৫

(ঙ) ভাষা শিক্ষা দানের পদ্ধতিগুলি আলোচনা করুন। ৫

(চ) কৃষ্ণ ফলক ব্যবহারের উপযোগিতাগুলি আলোচনা করুন। ৫

(ছ) ব্যাকরণ শিক্ষা দানের পদ্ধতিগুলি আলোচনা করুন। ৫

(জ) একক পরিকল্পনা কাকে বলে? ৫

### Group-C

৩. সকল প্রশ্নের উত্তর দিন।  $২ \times ৫ = ১০$

(ক) শ্রবণ কাকে বলে?

(খ) সৃজনাত্মক লিখন কাকে বলে?

(গ) একক অভীক্ষা বলতে কি বোঝায়?

(ঘ) স্বাদনা পাঠ কাকে বলে?

(ঙ) চর্চনা পাঠের গুরুত্ব কতখানি তা লিখুন?

**B.Ed. Semester-II Examination 2023**

**BED-123/124: Pedagogical Knowledge of School Subjects-I & II (Education)**

**Time: 03 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

**GROUP-A**

1. Answer any **Two** of the following: **2x15=30**
- a. What is Lesson planning? Discuss the criteria of a good lesson plan. Prepare a lesson plan for any topic of your choice in secondary level. 2+5+8=15
  - b. What are different Methods of teaching? Discuss advantages and disadvantages of using lecture method to teach at higher secondary level. 5+10=15
  - c. What do you mean by learning resources? How use of audio and visual resources makes the class more effective and inclusive? Discuss in brief. 5+10=15
  - d. What is the meaning of education and importance of education? Discuss the nature and scope of education. 5+10=15

**GROUP-B**

2. Attempt any **Six** out of the following: **6x5=30**
- a. Explain various audio and visual resources which can be used in class. 5
  - b. Explain various levels of cognitive domain with suitable examples. 5
  - c. What do you mean by instructional objectives? Why is it important for teacher trainees to write the instructional objectives in behavioural terms? 2+3=5
  - d. Discuss the benefits of unit plan and lesson plan for a trainee teacher. 5
  - e. How visual resources helps students in better learning. Give suitable examples. 5
  - f. Discuss Tagore's Views on Education. 5
  - g. Make five instructional objectives from cognitive domain from topic of your choice in education. 5
  - h. Why is dialogue method important in teaching? 5

**GROUP-C**

3. Attempt **all** the questions: **5x2=10**
- a. What do you mean by cooperative learning? Give any two examples of cooperative learning strategies. 1+1=2
  - b. How Google Apps can be a useful learning resource?
  - c. Write importance of using teaching aids in classroom.
  - d. What do you mean by learning to live together?
  - e. What is the importance of Radio programmes in this era of androids for rural India?

**B.Ed. Semester-II Examination 2023**  
**BED-123/124: Pedagogical Knowledge of School Subjects-I & II (Economics)**

**Time: 03 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

**GROUP-A**

1. Answer any **Two** of the following: **2x15=30**
- a. What are the objectives of teaching Economics? Discuss the importance of teaching Economics as a school subject. **5+10=15**
  - b. Prepare a lesson plan on any topic in economics of secondary level. **15**
  - c. Write notes on the following: **8+7=15**  
(i) Project Method (ii) Problem-solving Method
  - d. How would you correlate Economics with Mathematics and Geography? **8+7=15**

**Group-B**

2. Attempt any **Six** out of the following: **6x5=30**
- a. Discuss the Merits of the Essay Type test.
  - b. Discuss the steps for preparation of Achievement Test in Economics.
  - c. Write a short note on CAI in teaching Economics.
  - d. Discuss Maxims of teaching in Economics.
  - e. Enumerate role of mass media in teaching Economics.
  - f. Discuss the Qualities of an Economics teacher.
  - g. Discuss Tagore's vision in teaching Economics.
  - h. What are the problems of using teaching aids?

**Group-C**

3. Attempt **all** the questions: **5x2=10**
- a. Define Economics.
  - b. State four aims of teaching Economics.
  - c. Define summative evaluation.
  - d. What is demand?
  - e. Mention the techniques of evaluation in Economics.

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**Course: B.Ed.-123**

**Pedagogical Knowledge of School Subject A: Santali**  
3 Hours

**Time: 3 Hours**

**Full Marks: 70**

Questions are of value as indicated in the margin.

### Group-A

**ଧରାଯିବ ଓଡ଼ିଆ ଭାଷାରେ (2) ବ୍ୟବହାର କରୁଥିବା ଗ୍ରନ୍ଥ ସମ୍ବଳ :**

**(Answer any two questions):**

$$2 \times 15 = 30$$

- [illegible]

### Group-B

- 5. පහත දී ලද උපකල්පන (6) අතුරින් සිව්දෙනෙක් තෝරා ගෙන විසඳන්න:**

$$6 \times 5 = 30$$

- (a) රුහුණේ දිවයිනේ සහ දැවැන්ත සැලකීමේ අවධානය වැඩි කිරීමට වැඩ කරන්නේ කවර අයදාගන්නා?
- (b) ඉ.ම.ව. සහ වෙනත් වෙනත් ප්‍රදේශයන්? රුහුණේ දිවයිනේ සහ ඉ.ම.ව. සැලකීමේ අවධානය වැඩි කිරීමට වැඩ කරන්නේ කවර අයදාගන්නා?
- (c) සමස්තයෙන්ම ඉ.ම.ව. වෙනත් වෙනත් ප්‍රදේශයන්? රුහුණේ දිවයිනේ සහ සමස්තයෙන්ම ඉ.ම.ව. සැලකීමේ අවධානය වැඩි කිරීමට වැඩ කරන්නේ කවර අයදාගන්නා?
- (d) රුහුණේ වෙනත් වෙනත් ප්‍රදේශයන් සහ දැවැන්ත සැලකීමේ අවධානය වැඩි කිරීමට වැඩ කරන්නේ කවර අයදාගන්නා?
- (e) රුහුණේ දිවයිනේ සහ සමස්තයෙන්ම සැලකීමේ අවධානය වැඩි කිරීමට වැඩ කරන්නේ කවර අයදාගන්නා?
- (f) රුහුණේ ඉ.ම.ව. වෙනත් වෙනත් ප්‍රදේශයන්? රුහුණේ සැලකීමේ අවධානය වැඩි කිරීමට වැඩ කරන්නේ කවර අයදාගන්නා?
- (g) සමස්තයෙන්ම ඉ.ම.ව. සැලකීමේ අවධානය වැඩි කිරීමට වැඩ කරන්නේ කවර අයදාගන්නා?

(h) ලෝකයේ ධනාත්මක පවතින පවුලේ 02 දේශීය-ධනාත්මක  
විද්‍යාඥයන් වෙති.

Group-C

6. පහත ප්‍රශ්න (5) පිළිබඳව පිළිතුරු දෙන්න. එක එක 5 × 2 = 10  
(Attempt all the questions):

- (a) ප්‍රතිපත්ති මණ්ඩලයක් සහ ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව විස්තර කරන්න.
- (b) ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව විස්තර කරන්න?
- (c) ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව විස්තර කරන්න.
- (d) ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව විස්තර කරන්න.
- (e) ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව ප්‍රතිපත්ති මණ්ඩලයක් පිළිබඳව විස්තර කරන්න.

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**B.Ed. Semester-II Examination 2023**

**BED-123/124: Pedagogical Knowledge of School Subjects-I & II (Philosophy)**

**Time: 03 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

**GROUP-A**

1. Answer any **Two** of the following: **2x15=30**
- a. Construct a lesson plan for teaching philosophy with suitable topic for class XII. 15
  - b. Explain the concept of Indian and western philosophy. Discuss the branches of orthodox tradition of Indian philosophy. 3+ 3+9
  - c. What are the aims of teaching philosophy? Discuss the instructional objectives in teaching philosophy with examples. 5+10
  - d. What are the main features of deductive method? Discuss the advantages and disadvantages of this method in teaching philosophy with examples. 6+9

**GROUP-B**

2. Attempt any **Six** out of the following: **6x5=30**
- a. Discuss the educational values of philosophy. 5
  - b. What are the uses of audio teaching aids in teaching philosophy? 5
  - c. Discuss the objectives and use of explanation strategy in teaching philosophy. 5
  - d. What are the merits and demerits of discussion method in teaching philosophy 5
  - e. Discuss the epistemological issues of Nyaya philosophy. 5
  - f. Explain the importance of blueprint in unit planning. 5
  - g. Discuss need of the professional growth of a philosophy teacher. 5
  - h. Write down the maxims of teaching philosophy. 5

**GROUP-C**

3. Attempt **all** the questions: **5x2=10**
- a. Write two knowledge based questions related to philosophy.
  - b. Define Tutorial strategy.
  - c. Write the concept of reinforcement.
  - d. What is remedial teaching?
  - e. Write the concept of storytelling method.

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**B.ED. Examination 2023**

**Semester -II**

**Course : B.ED. 123/124**

**Pedagogical Knowledge of School Subject: Music**

**Time: 3 Hours**

**Full Marks : 70**

**Questions are of value as indicated in the margin**

১। যেকোন দুটি প্রশ্নের উত্তর দাও।  $১৫ \times ২ = ৩০$

ক। সংগীত শিক্ষার মূল্যায়নের ক্ষেত্রে অসীকারগুরুত্ব কতখানি?

সংগীত শিক্ষায় শিক্ষণ সহসামগ্রি (Teaching Aids) ভূমিকা উদাহরণ সহযোগে আলোচনা কর।  $১৫ + ১০$

খ। মানুষের শারীরিক্রিয়া ও আধিব্যাধির উপর সংগীতের প্রভাব বিস্তারিত আলোচনা কর।  $১৫$

গ। পাঠ পরিকল্পনা কী? উদাহরণ সহযোগে পাঠ

পরিকল্পনা প্রণয়নের কৌশল বর্ণনা কর। এর

প্রয়োজনীয়তা লেখ।  $২ + ১০ + ৩$

ঘ। যেকোন একটি স্বরলিপি পদ্ধতির উদাহরণ

সহ পরিচয় দাও।  $১০ + ৫$

২। যেকোন ছয়টি প্রশ্নের উত্তর দাও।  $১৫ \times ৬ = ৯০$

ক। বিদ্যালয়ে অনুষ্ঠান উপযোগী গানের পরিচয়

দাও।

খ। সংগীতে হারমোনিয়াম ও তানপুরার ব্যবহার

লেখ।

গ। বিদ্যালয়ে সাংগীতিক আবহাওয়া বিকাশের

প্রয়োজনীয়তা লেখ।

ঘ। জাতীয় সংহতি ও বিশ্বভ্রাতৃত্ববোধ বিকাশে সংগীতের ভূমিকা আলোচনা কর।

ঙ। সংগীত প্রতিযোগিতা ও সংগীত পরিবেশ



শিক্ষা শিক্ষার্থীদের উপর কি প্রভাব ফেলে।

চ। শক্তিনিকেতনে কয়েকটি অনুষ্ঠানের নাম ও

তাতে ব্যবহৃত পানের নাম লেখ।

ছ। সংগীত রেওয়াজের রীতিনীতি লেখ ও একটি

অলংকারের বর্ণনা দাও। ৩+২

জ। শিক্ষাক্ষেত্রে বৃন্দগানের প্রভাব

আলোচনা কর।

৩। নীচের প্রশ্নগুলির উত্তর দাও। ২×৫=১০

ক) সমবেত সংগীত কি?

খ) লোকসংগীত কি? উদাহরণ দাও

গ) সুখির, অবলম্ব, ঘন ও তত্ বাদ্যযন্ত্রের দুটি করে উদাহরণ দাও

ঘ) আকর মাত্রিক স্বরলিপি ও হিন্দুস্থানী স্বরলিপির আবিষ্কারকর্তা কে?

ঙ) ডানপুরাতে কী কী স্বরে তার বাঁধা হয়?

**B.Ed. Semester-II Examination 2023**  
**BED-123/124: Pedagogical Knowledge of School Subjects-I & II (History)**

**Time: 03 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

**Group-A**

1. Answer any two the following: 2x15=30
- a) Prepare a lesson plan on any topic related to history curriculum of secondary stage.
  - b) "History is the story of human consciousness, both in its individual and collective aspects." Discuss aims and objectives of teaching of history in the light of above statement.
  - c) "The historian without his facts is rootless and futile; the facts without their historian are dead and meaningless." Justify the idea in the light of the sources of history and their relevance keeping in view different aspects of history.
  - d) How teaching of history can promote 'Unity in Diversity'? Discuss the role of history for promoting national and emotional integration. 7+8

**Group-B**

2. Answer any six of the following: 6x5=30
- a) Discuss the changing concept of history.
  - b) Describe the role of economics to understand history by citing suitable examples.
  - c) Discuss methods of history teaching at secondary stage.
  - d) Correlate history with political science and geography.
  - e) Prepare a micro lesson plan based on 'skill of introduction' for history.
  - f) Explain the nature of history.
  - g) Justify the need and importance of objectivity in history.
  - h) Which points need to keep in mind while discussing controversial issues in classroom?

**Group-C**

5x2=10

3. Attempt all the questions:
- a) What is the use of audio visual aids in teaching history?
  - b) List up educational value of teaching history.
  - c) What is the Tagore's view about history?
  - d) Write the Scope of history?
  - e) Give the modern concept of history.

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**B.Ed. Semester-II Examination 2023**  
**BED-123/124: Pedagogical Knowledge of School Subjects-I & II (Life Science)**

**Time: 03 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

**Group-A**

**1. Answer any Two of the following:**

**2x15=30**

- a. Discuss both the nature & scope of life science. 15
- b. What is Lesson planning? Why lesson planning is important for a life science teacher? Prepare a lesson plan of life science selecting any topic of your choice from secondary level. 2+3+10
- c. Discuss how science is correlated with other disciplines. 15
- d. What do you mean by method of teaching? Explain various methods of teaching of life science. 5+10

**Group-B**

**2. Attempt any Six out of the following:**

**6x5=30**

- a. How inductive approach to teach life science is different from deductive approach? Support your answer with suitable example.
- b. Write major steps involved in Lesson planning.
- c. What are the features of a good unit?
- d. Write five instructional objectives from cognitive domain on any topic of your choice.
- e. Differentiate between aims and objectives. Give examples for each.
- f. What are the merits of problem solving method to teach life science?
- g. Explain all the levels of psychomotor domain with the help of one example.
- h. What are general aims of teaching life science?

**Group-C**

**3. Attempt all the questions:**

**5x2=10**

- a. What do you mean by Scientific Attitude?
- b. How is science related to the environment?
- c. Write different teaching-learning approaches in life science.
- d. What are the steps of scientific method?
- e. What is the place of life science in today's school curriculum?

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**B.Ed. Semester-II Examination 2023**  
**B.Ed.-123/124: Pedagogical Knowledge of School Subjects-I & II (English)**

**Time: 03 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

**Group-A**

1. Answer **any two** the following: 2x15=30
- a. What are the aims of teaching English in India? Discuss the basic principles of English L2 teaching at secondary level schools. 6+9=15
  - b. Write the meaning and importance of micro-teaching. Prepare a micro lesson plan on skill of probing questions. 5+10=15
  - c. What are the objectives of teaching English in cognitive and affective terms? Discuss the basic features of revised Bloom's Taxonomy with suitable examples. 5+10=15
  - d. What are LSRW skills of language? As a teacher how will you develop listening and reading skills among elementary students? 6+9=15

**Group-B**

2. Answer **any six** of the following: 6x5=30
- a. What is content analysis? How it is useful for language teaching? 2+3=5
  - b. What do you mean by simulation? Why Grammar-translation method is useful for secondary level students? 2+3=5
  - c. What is shared reading? Discuss the important features of Reading skills. 2+3= 5
  - d. What is co-operative learning? How is it implacable in language classroom? 2+3=5
  - e. How Bilingual method differs from direct method in English language teaching? Discuss which method is implacable for today's classroom? 2+3=5
  - f. What are the objectives and challenges of simulated teaching? 5
  - g. What is role play method? Illustrate the pedagogic principles of role play. 2+3=5
  - h. Enumerate the importance of multi-media in English language classroom. 2+3=5

**Group-C**

3. Attempt **all** the questions: 5x2=10
- a. List any two important qualities of English language teachers.
  - b. What is the use of retardation in listening skill?
  - c. What is reading cards?
  - d. What is jumbled word-game?
  - e. What are diphthongs?

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**Time: 03 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

**Group-A**

1. Answer **any two** the following: 2x15=30
  - a. What are the major historical developments in mathematics with special reference to Indian Mathematics? List up the major contributions of Aryabhata' to the field of Mathematics. 7+8
  - b. Prepare a lesson plan for 40 minutes duration class on any topic of your choice from class VIII of the secondary level. 15
  - c. Discuss the concept of a Mathematics laboratory. Prepare a blueprint for setting up a Mathematics Laboratory in school. 5+10
  - d. Discuss 'Problem-Solving Method' and 'Constructivist Approach' in Teaching Mathematics. 7+8

**Group-B**

2. Answer **any six** questions: 6x5=30
  - a. Discuss the Qualities of a Mathematics Teacher.
  - b. Write any five contributions of Pythagoras in the field of mathematics.
  - c. Discuss the 'Zone of Proximal Development'.
  - d. Differentiate between cooperative and collaborative learning.
  - e. Describe in brief the 'Dale cone of Experience'.
  - f. What is the difference between 'Diagnostic Test' and 'Achievement Test'?
  - g. What is 'Formative Evaluation'?
  - h. Differentiate between Text Book sand Reference Books.

**Group- C**

3. Attempt **all** the questions: 5x2=10
  - a. Write the nature of mathematics in brief.
  - b. What do you mean by 'unit planning'?
  - c. What is Field Trip?
  - d. Explain in brief the 'Analysis and Synthesis'.
  - e. How 'Assessment' is different from 'Evaluation'.

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**B.Ed. Semester-II Examination 2023**  
**B.Ed.-123/124: Pedagogical Knowledge of School Subjects-I & II (Geography)**

**Time: 03 Hours**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

1. Answer **any two** the following: 2x15=30
- a. Define pedagogy. How does the concept of pedagogy transformed with the emergence of different schools of thought? What are the objectives of teaching geography at secondary level? 3+7+5
  - b. Define micro-teaching. Discuss different micro-teaching skills. What are the steps of micro-teaching? 2+8+5
  - c. What do you mean by instructional objectives? Prepare a lesson plan and frame instructional objectives at different domains taking any one of the following units-
    - a. River
    - b. Wind
    - c. Population of India
    - d. Rocks and minerals 3+12
  - d. What are the purposes of constructing unit plan and lesson plan? What do you know about project method of teaching geography? What are the merits and demerits of this method? 10+5=15

**Group-B**

2. Answer **any six** of the following: 6x5=30
- a. Correlate geography with different social science subjects.
  - b. Write about different types of teaching aids used in teaching geography.
  - c. What is simulated teaching?
  - d. What do you know about man-environment relationship?
  - e. Write about revised Bloom's taxonomy.
  - f. What are the principles of construction of geography curriculum?
  - g. Enumerate the place of practical work in geography.
  - h. What do you know about continuous comprehensive evaluation?

**Group-C**

3. Answer **all** the questions: 2x5=10
- a. Distinguish between syllabus and curriculum.
  - b. What is grading system?
  - c. What are instructional objectives?
  - d. Why geography is interdisciplinary in nature?
  - e. What is constructivist approach?

B. Ed. Examination 2023

Semester - II

Course: B. Ed. 123/124

Pedagogical Knowledge of School Subject: Sanskrit

Time: 3 Hours

Full Marks- 70

Questions are of value as indicated in the margin

1. कथं शिष्यः प्रश्नानामुत्तरं लिखेत् । प्रथम भागः 15x2=30
- (क) "विवेकानन्दः" इति शिष्यकृताधारीकृत्य पञ्चवाक्यानि विलिख्य सप्तमकक्षायाः कृते गद्यपाठ्यैर्जनानिर्मोणं कुरुत । 15
- (ख) संस्कृतभाषायाः महत्त्वानि विलिख्य समाने तस्य प्रयोगं स्पष्टयत । 8+7
- (ग) एक-प्रश्नानामुत्तरं लिखेत् । द्वितीय भागः 5+10
- (घ) संस्कृतभाषाशिक्षणे व्याकरणस्य प्रयोगानि लिखत । 15
2. कथं शिष्यः प्रश्नानामुत्तरं लिखेत् । प्रथम भागः 6x5=30
- (क) संस्कृतभाषायाः वैदिककालस्य महत्त्वं स्पष्टयत ।
- (ख) व्याकरणशिक्षणे आगमनविधेः काः आवश्यकताः ।
- (ग) संस्कृतशिक्षणे वीचनस्य स्वरूपं स्पष्टयत ।
- (घ) संस्कृतशिक्षणे उपकरणानां वर्गीकरणं कृत्वा प्रयोग्यकरणानां प्रयोगं स्पष्टयत ।
- (ङ) संस्कृतशिक्षणे भाषाशिक्षणसिद्धान्तान् स्पष्टयत ।
- (च) संस्कृतशिक्षकस्य गुणान् आलोचयत ।
- (छ) संस्कृतशिक्षणे अनुवादविधेः स्वरूपं गुणदीपपुरस्कारं विवृणुत ।
- (ज) क्रियात्मकशिक्षणस्य स्वरूपं विलिख्य संस्कृतशिक्षणे तस्य प्रयोगं स्पष्टयत ।
3. कथं शिष्यः प्रश्नानामुत्तरं लिखेत् । द्वितीय भागः 5x2=10
- (क) प्रथमिकस्तरे संस्कृतशिक्षणस्य उद्देश्यानि कानि ?
- (ख) भाषाप्रयोगशालायाः काः आवश्यकताः ?
- (ग) संस्कृतशिक्षणे अभिव्यक्ति-उद्देश्यं नाम किम् ?
- (घ) पद्यशिक्षणे अन्वयस्य किं महत्त्वम् ?
- (ङ) संस्कृतशिक्षणे लेखनकौशलस्य काः आवश्यकताः ?

**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of Economics**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**1. Answer any two of the following:**

**2x15=30**

- a. Discuss the importance of teaching Economics. What are the reasons for placing Economics in the school curriculum?  
8+7
- b. Prepare a lesson plan on any topic of your method subject.
- c. Write notes on the following:  
i) Lecture Method  
ii) Question-Answer Method  
8+7
- d. How would you correlate economics with education and geography?  
8+7

**Group-B**

**2. Write short notes any six of the following:**

**6x5=30**

- a. Merits of short answer type test.
- b. Role of projected media in teaching economics.
- c. Brain storming method in teaching economics.
- d. Problems of using teaching aids.
- e. Role of mass media in teaching Economics.
- f. Qualities of an economics teacher.
- g. Tagore's vision in teaching economics.
- h. CAI in teaching economics.

**Group-C**

**3. Answer all the following:**

**5x2=10**

- a. Define economics.
- b. State four aims of teaching economics.
- c. Define summative evaluation.
- d. What is the scope of economics?
- e. What is CRT?

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**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of Statistics**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**2x15=30**

**1. Answer any two of the following:**

- a. Prepare a lesson plan for 40 minutes duration class on any of the following topic:  
i) Central tendency ii) Correlation analysis iii) Probability theory.
- b. Explain the application of Statistics in Education and Economics. 8+7
- c. Explain the aims and objectives of teaching statistics at higher secondary level.
- d. What do you mean by evaluation? How will you evaluate a student's achievement in Statistics? 4+11

**Group-B**

**6x5=30**

**2. Answer any six of the following:**

- a. '*The World is built on Probability*'- Explain the statement.
- b. How mathematics is different from statistics?
- c. Suggest with justification some projects you can give to the students of higher secondary level which will help them to learn statistics.
- d. How will you identify a gifted child in statistics? Mention two measures that you will take to teach such a child. 3+2
- e. State some characteristics of a good teacher of statistics.
- f. How will you use computer to teach statistics?
- g. Discuss the '*zone of provisional development*'.
- h. Discuss why lesson-plan is necessary in teaching statistics.

**Group-C**

**5x2=10**

**3. Answer all the following:**

- a. State some learning resources for a statistics learner.
- b. What do you mean by '*smart book*'?
- c. How will you introduce statistics in your first class of statistics in class XI?
- d. What is '*Field Trip*'?
- e. Define '*Normal Distribution*'?

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B.Ed. Semester-II Examination, 2024  
Subject: Education  
BED-123/124: Pedagogical knowledge of Bengali

Time: 3 Hours

Full Marks-70

(Questions are of value, as indicated in the margin)

বিভাগ -ক

(১) যেকোনো দুটি প্রশ্নের উত্তর দিন।  $২ \times ১৫ = ৩০$

ক) মাতৃভাষা কাকে বলে? শিক্ষায় মাতৃভাষার গুরুত্ব কতখানি?  $৩ + ১২ = ১৫$

খ) ভাষা শিক্ষকের পেশাগত নৈতিকতা ও দায়িত্ববোধ কতখানি থাকা বাঞ্ছনীয়? ১৫

গ) ভাষা শিক্ষায় ধ্বনিতত্ত্ব ও রূপতত্ত্বের গুরুত্ব কতখানি? ১৫

ঘ) নবম শ্রেণির উপযোগী একটি পাঠ পরিকল্পনা প্রস্তুত করুন। ১৫

বিভাগ -খ

(২) যেকোনো ছয়টি প্রশ্নের উত্তর দিন।  $৬ \times ৫ = ৩০$

ক) মাতৃভাষা শিক্ষায় রবীন্দ্রনাথ ঠাকুরের দৃষ্টিভঙ্গি কেমন ছিল?

খ) ভাষা শিক্ষায় দক্ষতা কীভাবে বৃদ্ধি করা সম্ভব?

গ) সরব পাঠ ও নীরব পাঠের উদ্দেশ্যগুলো কী কী?

ঘ) চর্চনা পাঠ ও স্বাদনা পাঠের পার্থক্যগুলো কী কী?

ঙ) শ্রবণ কাকে বলে? ভাষা শিক্ষায় শ্রবণের ভূমিকা কতখানি?  $২ + ৩ = ৫$

চ) ভাষা শিক্ষার ক্ষেত্রে মনস্তাত্ত্বিক কারন কতখানি প্রভাবিত করে?

ছ) বানান ভুল কেনো হয়? বানান ভুল সংশোধনের উপায়গুলি কী কী?  $২ + ৩ = ৫$

জ) পাঠ পরিকল্পনায় অভিযোজন স্বরের গুরুত্ব কতখানি? ৫

বিভাগ -গ

(৩) সকল প্রশ্নের উত্তর দিন।  $৫ \times ২ = ১০$

ক) উপ একক কাকে বলে? ২

খ) একক অভীক্ষার গুরুত্ব কতখানি? ২

গ) নীল-নক্সা কীভাবে প্রস্তুত করা হয়? ২

ঘ) কখন কাকে বলে? ২

ঙ) গদ্য কাকে বলে? ২

**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of Physical Science**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**2x15=30**

**1. Answer any two of the following:**

- a. Select any topic of your choice from class V-VIII and prepare a lesson plan.
- b. What is 'project method' for teaching of physical science? Explain your answer by taking a topic from physics or chemistry as an example. Discuss its merits and demerits. 9+3+3
- c. What are the aims and objectives of teaching physical science? Illustrate demonstration method with reference to any topic from physics or chemistry. 10+5
- d. What is meant by improvised apparatus? Why is it given much importance now days for science teaching in our secondary schools? Describe the construction of an improvised science apparatus and mention its uses in a class room demonstration. 2+5+8

**Group-B**

**6x5=30**

**2. Answer any six of the following:**

- a. What is CAI? How far it can be used in teaching physical science? 1+4
- b. Discuss the simplest but most convenient science laboratory that you would have in a secondary school at the least expense.
- c. Discuss 'micro teaching' with proper examples.
- d. Discuss Gurudeva's perspective for planning an effective lesson of physical science.
- e. 'Science is a body of knowledge and a self testing ongoing process of enquiry' – Discuss the statement.
- f. Explain science-technology-society movement for physical science education.
- g. State the merits and demerits of lecture method. 3+2
- h. Describe simulated teaching

**Group-C**

**5x2=10**

**3. Answer all the following:**

- a. Mention two differences between scientific method and scientific fact.
- b. What do you mean by specific objectives?
- c. Give an outline of the activities of science club.
- d. Mention two important relations between physical science and mathematics.
- e. State the role of calculator towards the fulfillment of objective of Physical Science.

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**Course: B.Ed.-123 & 124**

**Full Marks: 70**

**Questions are of value as indicated in the margin.**

1. ଲେଖନୀ ଓ ୧ ଲେଖନୀ (2) ବ୍ୟବସ୍ଥା ସଜାଡ଼ି ଓଡ଼ିଆ ଶିଳ୍ପ  
(Answer any two questions): 2 × 15 = 30

- ၁) သစ်တောပျက်သော ပျက်စီးနေသော ဗဟိုဌာန ဖွဲ့စည်းပုံကို ပြောင်းလဲပေးပါ။ သစ်တောပျက်သော  
 နယ်များကို ပြန်လည်ဖန်တီးပေးပါ။ ဗဟိုဌာန နယ်များကို ပြန်လည်ဖန်တီးပေးပါ။ သစ်တောပျက်သော  
 ပျက်စီးနေသော ဗဟိုဌာန ဖွဲ့စည်းပုံကို ပြောင်းလဲပေးပါ။ သစ်တောပျက်သော  
 နယ်များကို ပြန်လည်ဖန်တီးပေးပါ။

25. ඔබගේ ම 05 බැර (6) භිතනිද හහරු වැරැදි 02 වන වරු  
Q2 (Attempt any Six of the following): 6 x 5 = 30

- [illegible]

- (e) ප්‍රශ්න (Question) ඉතිරි වන්නේ මොන මට්ටමකද ? පරීක්ෂණය  
 වන.මැති සැලකීම ප්‍රශ්න (Questionnaire)  
 ලේඛනය යි .
- (f) විද්‍යාත්මක පරීක්ෂණයේ මූලික 02 වර්ග වන්නේ  
 ව්‍යුහගත (Spelling) නිවැරදි (Pronunciation)  
 සහ වචන පදනම් ලේඛනයේ 02 වර්ගවන්නේ ?  
 විද්‍යාත්මක වර්ග 02 වර්ගයන් යි .
- (g) කතා (Speaking) නිවැරදි (Listening) නිවැරදි  
 (Written) සැලකීම විද්‍යාත්මක වචන පදනම්  
 මට්ටම සැලකීම විද්‍යාත්මක වචන පදනම්  
 වචන පදනම් වර්ගයන් යි ? වර්ග 02 .
- (h) විද්‍යාත්මක වර්ගයන් 02 වර්ගයන් විද්‍යාත්මක  
 විද්‍යාත්මක වර්ගයන් 02 වර්ගයන් යි .

#### Group-C

3. පහත ප්‍රශ්න සැලකීම මට්ටම වර්ග 02 (Attempt all the  
 questions):  $5 \times 2 = 10$

- (a) මූලික විද්‍යාත්මක පරිසරය (Primary Education  
 environment) වචන පදනම් වර්ගයන් වන්නේ ?
- (b) විද්‍යාත්මක පරිසරයේ 02 වර්ගයන් වන්නේ ?
- (c) මූලික විද්‍යාත්මක පරිසරයේ 02 වර්ගයන් වන්නේ ?
- (d) මූලික විද්‍යාත්මක (Primary Education) සහ මූලික  
 (Wall Picture) සැලකීම මූලික වර්ගයන් යි .
- (e) මූලික විද්‍යාත්මක (Primary Education) සහ මූලික  
 (Blackboard) වචන පදනම් වර්ගයන් වන්නේ ? වර්ග 02 .

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B. Ed. Examination 2024

Semester - II

Course: B. Ed. 123/124

Pedagogical Knowledge of School Subject: Sanskrit

Time: 03 Hours

Full Marks - 70

Questions are of value as indicated in the margin

1. कयोऽपि प्रश्नद्वयस्य उत्तरं लिखत । 15x2=30

(क) "रवीन्दनाथठाकुरः" इति शीर्षकमाधारीकृत्य पञ्चवाक्यं निर्वह्य सूलमकुशायाः कुत्र गद्यपाठ्योन्नानिमीर्णं कर

(ख) संस्कृतस्य अर्थं विवक्ष्य संस्कृतभाषायाः वैशेषिकमहत्त्वं लिख

(ग) संस्कृतशिक्षणं दृश्यप्रवृत्तयोरुपकरणानां प्रयोगं सौदाहरणं स्पष्टयत ।

(घ) संस्कृतशिक्षणं उद्देश्यानि सौदाहरणम् आलोचयत ।

2. षण्णां प्रश्नानामुत्तरं द्वितीय भागः 6x5=30

(क) संस्कृतभाषायाः व्याकरणमहत्त्वं स्पष्टयत ।

(ख) संस्कृतशिक्षकस्य गुणान् आलोचयत ।

(ग) व्याकरणशिक्षणं निगमनविधेः स्वरूपमुपस्थापयत ।

(घ) संस्कृतशिक्षणं प्रत्यक्षविधेः स्वरूपं गुणदोषपुरस्सां विवृणुत ।

(ङ) पाठ्योन्नानिमीर्णं दृष्टिमोक्षद्वयस्य पञ्चसौपानानि स्पष्टयत ।

(च) सूक्ष्मशिक्षणस्य सौपानानि विवृणुत ।

(छ) संस्कृतभाषायाः सम्बन्धेन संस्कृतभाषायाः परामर्शान् लिखत ।

(ज) संस्कृतभाषायाः भारतीयभाषायाः साकं सम्बन्धमुपस्थापयत ।

3. पञ्चप्रश्नानामुत्तरं लिखत तृतीय भागः 5x2=10

(क) साध्यामिकस्य संस्कृतशिक्षणस्य उद्देश्यानि लिखत ।

(ख) संस्कृतशिक्षणं अनुवादविधेः किं महत्त्वम् ?

(ग) एकैकं परिकल्पनायाः काः आवश्यकताः ?

(घ) आदर्शविचनं नाम किम् ?

(ङ) "प्रणिपानेन परिप्रश्नेन श्रेयसा" इति श्रुतिरिति अनुवादं कुरु ।

**B.Ed. Semester II Examination 2024**  
**Subject: Education**  
**B.Ed.-123/124: Pedagogical Knowledge of Mathematics**

**Time: 3 Hours**

**Full Marks: 70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

- 1. Answer any two of the following:** **2x15=30**
- a. Prepare a lesson plan for 40 minutes duration class on any topic of your choice from class IX or X of the secondary level.
  - b. Discuss the concept of Mathematics club. Prepare a blueprint for setting up a Mathematics club in school. 5+10
  - c. Explain the correlation between Mathematics and other subjects.
  - d. Explain the contributions of ancient Indian Mathematicians.

**Group-B**

**6x5=30**

- 2. Answer any six of the following:**
- a. Write a short note on 'Discovery Method' in the light of Mathematics teaching.
  - b. What are the aims and objectives of teaching mathematics in secondary level?
  - c. What are the characteristics of a good textbook of mathematics?
  - d. Briefly explain the role of computer in teaching mathematics.
  - e. Briefly mention important features of NEP-2020 in respect of mathematics teaching.
  - f. Discuss why 'Mathematics Laboratory' is necessary in school.
  - g. Briefly explain formative evaluation and summative evaluation.
  - h. Discuss some methods you can apply to facilitate a slow learner in mathematics.

**Group-C**

**5x2=10**

- 3. Attempt all the following:**
- a. What is diagnostic test?
  - b. What is 'field-trip'?
  - c. What do you mean by learning resources?
  - d. What is comprehensive and continuous evaluation?
  - e. 'Error Analysis' is one of the main pillars in mathematics teaching' -Justify the statement.

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B.Ed. Examination, 2024

Semester- II

Course: B.ED. 123/124

Pedagogical Knowledge of School Subject I/II: Hindi

Time: 03 Hours

Full Marks: 70

Questions are of value as indicated in the margin

1 किन्हीं दो प्रश्नों का उत्तर दीजिए:

15x2= 30

(भाग - क)

- (क) व्यक्ति के द्विभाषिक बनने के कारणों पर प्रकाश डालते हुए द्विभाषिकता एवं द्विभाषिक (Bilingual) के भेदों को सोदाहरण स्पष्ट कीजिए। 5+5+5= 15
- (ख) भाषा परिवर्तन के आभ्यांतर कारणों को रेखांकित करते हुए भाषा के विभिन्न प्रकारों का उल्लेख कीजिए। 7+8= 15
- (ग) हिंदी शिक्षण प्रक्रिया में सम्प्रेषण की भूमिका को स्पष्ट करते हुए इसके तत्व एवं इसमें आने वाली बाधाओं पर प्रकाश डालिए। 5+5+5= 15
- (घ) भाषा शिक्षण में सूक्ष्म शिक्षण के महत्व को रेखांकित करते हुए सूक्ष्म शिक्षण (Micro teaching) एवं यथार्थवत शिक्षण के अंतर को स्पष्ट कीजिए। 5+5+5= 15

2 किन्हीं छः प्रश्नों का उत्तर दीजिए:

(भाग - ख)

5+5+5= 15

5x6= 30

5

5

5

5

2+3=5

5

5

- (क) माध्यमिक स्तर पर हिंदी द्वितीय भाषा शिक्षण के उद्देश्यों को रेखांकित कीजिए।
- (ख) हिंदी भाषा के सन्दर्भ में प्रथम भाषा एवं द्वितीय भाषा के अंतर को स्पष्ट कीजिए।
- (ग) 'संपर्क भाषा' के रूप में हिंदी की भूमिका को स्पष्ट कीजिए।
- (घ) ब्लूम के ज्ञानात्मक शैक्षणिक उद्देश्यों को सोदाहरण बताइए।
- (ङ) हिंदी भाषा की कक्षा में खोजक प्रश्न कौशल एवं प्रस्तावना कौशल की उपयोगिता पर प्रकाश डालिए।
- (च) भाषा कौशल से आप क्या समझते हैं? हिंदी भाषा के ग्रहणात्मक एवं अभिव्यक्तिपरक कौशलों के अंतर को स्पष्ट कीजिए।
- (छ) हिंदी भाषा के प्रचार प्रसार में भारतेंदु युग के योगदान को बताइए।
- (ज) निम्नलिखित पद के आधार पर व्याख्या कौशल (Skill of explanation) पर सूक्ष्म शिक्षण पाठ योजना तैयार कीजिए।
- " चिट्ठियाँ
- लेटरबॉक्स में पड़ी हुई चिट्ठियाँ
- अनंत सुख-दुःख वाली अनंत चिट्ठियाँ
- लेकिन कोई किसी से नहीं बोलती
- सभी अकेले-अकेले
- अपनी मंजिल पर पहुँचने का इंतजार करती हैं"

3 सभी प्रश्न अनिवार्य हैं :

(भाग - ग)

2x5= 10

- (क) भाषा में लॉन्ग एवं पारोल से आप क्या समझते हैं।
- (ख) प्राथमिक स्तर पर मातृभाषा शिक्षण के दो उद्देश्य बताइए।
- (ग) हिंदी द्वितीय भाषा शिक्षण में आने वाली दो कठिनाइयों का उल्लेख कीजिए।
- (घ) 'एस्पेरांतो' किस प्रकार की भाषा है?
- (ङ) 'पुनर्बलन-कौशल' के प्रकारों को सोदाहरण लिखिए।



**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of English**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**1. Answer any two of the following:**

**2x15=30**

- a) Enumerate the distinctive features of English Language in India. Discuss the aims and objectives of English L2 teaching at secondary level schools. 5+5+5
- b) How microteaching is important in English language teaching? Prepare a microteaching lesson plan on Skill of Illustration with example. 5+10
- c) How educational objectives are different from instructional objectives? Discuss the basic features of cognitive domain of behaviour as per revised Bloom's taxonomy with suitable examples. 5+10
- d) What is the meaning of content analysis? Explain the types and steps of content analysis used in language teaching? 6+4+5

**Group-B**

**2. Answer any six of the following:**

**6x5=30**

- a) What are LSRW skills of language? Differentiate productive and receptive skills. 2+3
- b) Define word stress. As a teacher how would you develop speaking skills among elementary students? 2+3
- c) What do you mean by simulation? What are the characteristics and limitations of simulated teaching? 2+3
- d) Define reading cards. Write the ways of improving reading skills in early language teaching. 2+3
- e) What are talking books? How is it playing an important role in reading comprehension? 2+3
- f) Give an example of multiple replacement drill. Explain different types of drilling. 2+3
- g) Enumerate the importance of children's movie in English language classroom. 2+3
- h) What is behavioural objective? How microteaching differs from simulated teaching? 2+3

**Group-C**

**3. Answer all the following:**

**5x2=10**

- a) List two problems of English language teaching.
- b) What are structure words? Give example.
- c) What is the use of retardation in reading skill?
- d) Write any two features of storytelling method.
- e) Write any two importance of Skill of closure.

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**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of Education**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**1. Answer any two of the following:**

**2x15=30**

- a. Define Lecture method. Explain the importance of lecture method in secondary classes. What are the limitations of lecture method? 2+8+5
- b. Discuss the Delors four pillar of education with suitable examples. 15
- c. What is lesson plan? Why is it important to make a lesson plan? Write steps for developing a lesson plan. 2+8+5
- d. What do you mean by Education? Discuss Tagore's views on aim of Education. What is its' importance in school? 2+8+5

**Group-B**

**2. Answer any six of the following:**

**6x5=30**

- a. Explain Bloom's taxonomy of Instructional Objectives.
- b. What is the importance of using teaching learning material in classroom?
- c. Make five instructional objectives from affective domain on any topic of your choice in education.
- d. Why discussion is important in teaching?
- e. How the audio resources can help the teachers to make the classroom more inclusive?
- f. What are the benefits of lesson planning and unit planning?
- g. Explain any two strategies of Cooperative learning.
- h. Differentiate aims and objectives.

**Group-C**

**3. Attempt all the questions:**

**5x2=10**

- a. Name some print resources, a teacher can use in classroom.
- b. What is the importance of using projected visual resources?
- c. Why self paced learning is important for students?
- d. Write the significance of radios and podcasts.
- e. Enlist the precautions you will take while using demonstration method.

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**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of Philosophy**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**1. Answer any two of the following:**

**2x15=30**

- a. Prepare a lesson plan for teaching philosophy on the topic *Vedanta* for class XII.
- b. What do you mean by Indian and western philosophy? Discuss the branches of heterodox tradition of Indian philosophy. 3+ 3+9
- c. What are the maxims of teaching philosophy? Discuss the cognitive domain of instructional objectives in teaching philosophy with examples 5+10
- d. What are the main features of inductive method? Discuss the advantages and disadvantages of this method in teaching philosophy with example. 6+9

**Group-B**

**2. Answer any six of the following:**

**6x5=30**

- a. Discuss the needs of philosophy in education.
- b. Explain the use of technology in teaching philosophy.
- c. Discuss the effective use of question - answer strategy in teaching philosophy.
- d. What are the merits and demerits of storytelling method in teaching philosophy?
- e. Discuss the epistemological issues of Advaita Vedanta
- f. Explain the steps of unit planning.
- g. Write the qualities of a good philosophy teacher.
- h. Discuss briefly the branches of western philosophy

**Group-C**

**3. Answer all the following:**

**5x2=10**

- a. Write two 'understanding-based' questions related to philosophy.
- b. Define the meaning of co-curricular activities.
- c. Write the concept of CCE.
- d. What is the meaning of Micro Teaching?
- e. Write the concept of stimulus variation skill.

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**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of Life Science**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**1. Answer any two of the following:**

**2x15=30**

- a. Select any topic of your choice from class VI-VIII and prepare a lesson plan
- b. Describe 'problem solving' method with suitable examples. Write the place of laboratory method in science teaching. 8+7
- c. Describe domains of learning according to Blooms taxonomy.
- d. Distinguish micro-teaching and simulated teaching. Discuss about micro teaching skills. What are the stages involved in micro-teaching? 5+5+5

**Group-B**

**2. Answer any six of the following:**

**6x5=30**

- a. Briefly describe the importance of TLM in Life Science Teaching Learning.
- b. Narrate criteria of good unit plan.
- c. What do you mean by instructional objectives?
- d. Briefly describe the Heuristic method of teaching in Life Science.
- e. Briefly describe the usefulness of Biology in daily life.
- f. Discuss with suitable examples how science teaching can be correlated with social-sciences.
- g. Briefly describe the merits and demerits of project method.
- h. Discuss the steps involved in simulated teaching in Life Science.

**Group-C**

**5x2=10**

**3. Answer all the following:**

- a. What do you mean by pupil-centered approach of Teaching?
- b. Write the advantages of planning a lesson.
- c. State the significance of audio visual aids in Life Science teaching.
- d. Write a short note on affective domain of Bloom's taxonomy.
- e. Distinguish between demonstration method & discussion method.

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**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of History**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**1. Answer any two of the following:**

- a. Prepare a lesson plan on any topic related to history text book of secondary stage. **2x15=30**
- b. *'History is a scientific study and a record of our complete past'* - Discuss the nature of history as a science in the light of the statement.
- c. How far do you accept education for national integration as an aim of history teaching? What points should a teacher keep in mind to promote national integration through history teaching? **5+10**
- d. Show with examples how teaching of history can be correlated with teaching of political science, economics and literature. **5+5+5**

**Group-B**

**2. Answer any six of the following:**

- a. Explain the concept of objectivity and its need in history. **6x5=30**
- b. Discuss the values of teaching history.
- c. Discuss the importance of teaching history as a subject in school curriculum.
- d. Discuss the points a teacher need to keep in mind while discussing controversial issues in classroom.
- e. Discuss any two methods of history teaching.
- f. In what way can history be useful in promoting international understanding?
- g. Describe the process involved during micro-teaching.
- h. Distinguish Lesson Plan and Unit Plan.

**Group-C**

**3. Answer all the following:**

- a. Need and importance of audio visual aids in teaching history. **5x2=10**
- b. Source method.
- c. Tagore's concept about history.
- d. Need of *'weighting the evidence'*.
- e. Importance of chronology in history.

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B.Ed. Examination 2024

Semester – II

Course : B.Ed.-123/124

Pedagogical Knowledge of School Subject: Music

Time: 03 Hours

Full Marks: 70

Questions are of values as indicated in the margin

বিজ্ঞান-৩

১। যে কোন দুটি প্রশ্নের উত্তর দাও।  $১৫ \times ২ = ৩০$

ক। বিদ্যালয়ের সাঙ্গীতিক আবহাওয়া বিকাশে শিক্ষক ও শিক্ষার্থীর ভূমিকা আলোচনা কর।

খ। শিক্ষায় লোকসঙ্গীতের ভূমিকা আলোচনা কর।

গ। পাঠ পরিকল্পনা কী? উদাহরণ সহযোগে পাঠ পরিকল্পনা প্রণয়নের কৌশল বর্ণনা কর। এর প্রয়োজনীয়তা আলোচনা কর।  $২ \times ১০ = ২০$

ঘ। গায়কের দোষগুণগুলি উল্লেখ কর। শান্তিনিকেতনের বিভিন্ন অনুষ্ঠানে ব্যবহৃত গানের উল্লেখ কর।  $৫ \times ১০ = ৫০$

২। যে কোন ছটি প্রশ্নের উত্তর দাও  $৫ \times ৬ = ৩০$

বিজ্ঞান-১

ক। জাতীয় সংহতি রক্ষায় রবীন্দ্রসঙ্গীতের ভূমিকা আলোচনা কর।

খ। শিক্ষায় সঙ্গীতের স্থান কতখানি- আলোচনা কর।

গ। মানুষের আচরণ গঠনে সঙ্গীতের প্রভাব আলোচনা কর।

ঘ। সঙ্গীত প্রতিযোগিতা শিক্ষার্থীর উপর কি কি প্রভাব ফেলে।

ঙ। শিক্ষণ পদ্ধতির বিভিন্ন দিকের সংক্ষেপে পরিচয় দাও।

চ। বিদ্যালয়ের অনুষ্ঠান উপযোগী গানের একটি তালিকা প্রস্তুত কর।

ছ। শিক্ষণোপকরণ বা প্রদীপণ বলতে কি বোঝ? উদাহরণ সহ আলোচনা কর।

জ। সঙ্গীত অনুশীলনের প্রয়োজনীয়তা আলোচনা কর।

৩। নীচের প্রশ্নগুলির উত্তর দাও।  $২ \times ৫ = ১০$

বিজ্ঞান-২

ক। সৌন্দর্যবোধের শিক্ষা বলতে কি বোঝ?

খ। সঙ্গীত শিক্ষায় আন্তীকরণ বলতে কি বোঝায়?

গ। সাঙ্গীতিক মনন কি?

ঘ। সঙ্গীতের সাথে অন্য বিষয়ের কিভাবে অনুবন্ধ স্থাপন করা যায়?

ঙ। সঙ্গীত শিখনে হারমোনিয়মের ব্যবহার কতখানি যুক্তিযুক্ত?

**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-123/124: Pedagogical knowledge of Geography**

**Time: 3 Hours**

**Full Marks-70**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**1. Answer any two of the following:**

- a) What are the aims of teaching geography at secondary level as per latest National Curriculum Framework? Prepare a lesson plan on any one of the following units : **2x15=30**  
5+10
- I. River  
II. Population of India  
III. Weathering and erosion  
IV. Climate of India
- b) How does the concept of pedagogy change with the different schools of thought? Discuss the correlation of geography with other school subjects. 7+8
- c) Distinguish between method and strategies of teaching. Explain regional, comparative method, and project method in teaching Geography with suitable examples. 3+6+6
- d) What is continuous and comprehensive evaluation? Discuss the concept of grading system. Differentiate achievement test and diagnostic test. 5+5+5

**Group-B**

**2. Answer any six of the following:**

- a) Enumerate the place of teaching aids in teaching Geography. **6x5=30**
- b) Distinguish between Bloom's taxonomy and revised Bloom's taxonomy.
- c) What are the principles of teaching geography at the secondary level?
- d) Write about the taxonomy of objectives at the affective domain.
- e) Briefly discuss about Microteaching.
- f) What are the uses of statistics and graphs in teaching geography?
- g) Differentiate inductive and deductive method of teaching geography.
- h) Why questionnaire is needed during fieldwork in geography?

**Group-C**

**3. Answer all the following:**

- a) What is geography pedagogy? **5x2=10**
- b) Define simulated teaching?
- c) Write the differences between lesson plan and unit plan.
- d) What is the importance of field trips in geography?
- e) What are the places of practical work in teaching geography?

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**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-122: Assessment for learning**

**Time: 3 Hours**

*(Questions are of value, as indicated in the margin)*

**Full Marks-70**

**Group-A**

**1. Answer any two of the following:**

- a. What is measurement? Distinguish between measurement and evaluation. Discuss the nature and importance of evaluation in education. **2x15=30**

- b. i) What do you mean by measures of central tendency? Find out the mean, median mode and Standard Deviation of the following distribution: **2+ 6+ 7**

Score	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
f	2	4	6	12	10	8	5	3

- ii) What is Dispersion? Mention the uses of Standard Deviation.

**2+8+2+3**

- c. What is interest inventory? How an interest inventory is related to achievement test? Prepare a blueprint of achievement test mentioning its' steps for preparation. **2+3+10**

- d. What is personality? Compare the projective and non-projective techniques of personality testing with suitable examples. **3+6+6**

**Group-B**

**2. Answer any six of the following:**

- a. Compare the formative and summative evaluation with suitable examples. **6x5=30**

- b. Discuss a brief note on *Ogive*.

- c. What is aptitude? Explain the different types of aptitude tests with example. **2+3**

- d. What do you mean by Z-scores and T-Scores?

- e. What are the different types of self-reporting technique? Explain with suitable examples.

- f. 'Interval scale of measurement is an extension of nominal and ordinal scales'- explain.

- g. What is meant by 'validity' of a test? Explain the types of validity with examples. **2+3**

- h. Give the details of any two test of creativity known to you.

**Group-C**

**3. Answer all the following:**

**5x2=10**

- a. What do you mean by Mean Deviation?

- b. What is the use of a prognostic test?

- c. What is polygon?

- d. What is 'usability' of a test?

- e. What is variance?

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**B.Ed. Semester-II Examination, 2024**  
**Subject: Education**  
**BED-121: Learning and Teaching**

**Time: 2 Hours**

**Full Marks-35**

*(Questions are of value, as indicated in the margin)*

**Group-A**

**1. Answer any one of the following:**

**1x10=10**

- a) State the domains of learning. Discuss Thorndike's Trial and Error approaches to learning with their educational implications. 2+8
- b) Define Reflective teaching. Explain different types of Reflective teaching. List-up the characteristics of a reflective teacher. 2+6+2
- b) Define Models of teaching. Explain the fundamental elements of a model of teaching. 2+8

**Group-B**

**2. Answer any three of the following:**

**3x5=15**

- a) Explain the molding theory of teaching with suitable examples. 2+3
- b) Define reinforcement. Describe the reinforcement schedule with suitable examples. 1+4
- c) What are the different types of constructivism? Explain the 5E cycle of constructivism. 2+3
- d) Define teaching. Mention three the characteristics of teaching. 2+3
- e) Discuss the types and components of the school environment that influence learning of children. 2+3

**Group-C**

**3. Answer all the following:**

**5x2=10**

- a) What are the types of parenting styles?
- b) What is the role of parents in handling the learning environment of an adolescent's life?
- c) State the meaning of sensory memory.
- d) Define micro-teaching?
- e) How pedagogy is different from andragogy?

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