

सुदूरपश्चिम विश्वविद्यालय सेवा आयोगद्वारा विशेष आन्तरिक प्रतियोगिताको उपप्राध्यापक पदका लागि

लिइने लिखित परीक्षा अन्तर्गत नेपाली शिक्षा पाठ्यक्रमको

विषय क्षेत्र र विस्तृतीकरण २०८२

पृष्ठांक ५०

क्रमा	विषयगत क्षेत्र	विषयको विस्तृतीकरण
एकैकै एक	भाषाविज्ञान	<ul style="list-style-type: none"> भाषा र भाषिका भाषाविज्ञान र यसका क्षेत्रहरू ध्वनिविज्ञान, वर्णविज्ञान, रूपविज्ञान, वाक्यविज्ञान र अर्थविज्ञान सरचनात्मक भाषाविज्ञान, रूपान्तरण व्याकरण, र कारक व्याकरण
एकैकै दुई	नेपाली भाषा र व्याकरण	<ul style="list-style-type: none"> नेपालमा बोलिने भाषापरिवार र नेपाली भाषा नेपाली भाषाको उत्पत्ति, विकास तथा यसका क्षेत्रीय भेदहरू नेपाली वर्णव्यवस्था, शब्दवर्ग, शब्दरूपायन र शब्दव्युत्पादन नेपाली भाषाका वाक्यकोटि, वाक्यका कार्य र प्रकार
एकैकै तीन	विधासिद्धान्त : नेपाली साहित्यका प्रमुख प्रतिभा र तिनका प्रवृत्तिहरू	<ul style="list-style-type: none"> कविता, काव्य, गीत, गजलको विधागत स्वरूप र विधातत्त्व कथा (लघु र बृहत्), उपन्यास, नाटक, एकाङ्की, निबन्ध विधाको स्वरूप र विधातत्त्व विधातत्त्वका आधारमा साहित्यिक विधाहरूको तुलना नेपाली साहित्यका निर्धारित विधाहरूको विकासक्रम र प्रमुख प्रवृत्तिहरू नेपाली साहित्यका प्रमुख पंतभाहरूका साहित्यिक रचना र तिनका प्रवृत्तिहरू
एकैकै चार	पूर्वीय, पाश्चात्य समालोचना सिद्धान्त र नेपाली समालोचना	<ul style="list-style-type: none"> काव्यहेतु, प्रयोजन, शब्दशक्ति, पाठमा शब्दशक्तिको उपयोगिता रससिद्धान्त, रससामग्री, रसप्रकार, रससूत्रको व्याख्या, साधारणीकरण अलङ्कारसिद्धान्त, शब्दालङ्कार र अर्थालङ्कार, ऐवनि, रीति र वक्रोक्तिसिद्धान्तका प्रकार र मान्यता नीतिपरक, समाजपरक, रूपपरक समालोचना प्रणालीका मूलभूत मान्यता र प्रवृत्ति परिष्कारवाद, स्वच्छन्दतावाद, अतिथार्थवाद, अस्तित्ववाद, विसङ्गीतवाद र उत्तरआधुनिकतावादका मान्यता र प्रवृत्ति नेपाली समालोचनाको विकास, चरणगत प्रवृत्ति, प्रमुख समालोचक र तिनका मान्यता
एकैकै पाँच	भाषा र साहित्य शिक्षण	<ul style="list-style-type: none"> भाषिक सिप शिक्षण र भाषिक विधा शिक्षण, शब्दभण्डार र व्याकरण शिक्षणको स्वरूप, प्रयोजन र कार्यकलाप पहिलो भाषा र दोस्रो भाषाका रूपमा नेपाली शिक्षण भाषा र साहित्य शिक्षणको स्वरूप तथा भिन्नता साहित्यिक र साहित्येतर विधा शिक्षणको प्रयोजन तथा कार्यकलाप शैक्षणिक योजना तथा सामग्री : निर्माण, प्रयोग र अभ्यास
एकैकै छ	प्राज्ञिक लेखन र सम्पादन प्रक्रिया	<ul style="list-style-type: none"> लेखनका विभिन्न प्रकार र प्राज्ञिक लेखन अनुच्छेदको सङ्गठनात्मक स्वरूप, अनुच्छेदात्मक तथा सङ्कथनात्मक संरचनामा सम्बद्धन/अर्थान्विति, व्याकरणात्मक र कोशीय सम्बद्धक शोधमूलक लेख लेखन, शोधप्रतिवेदन लेखन र शोधप्रबन्ध लेखन विषयवस्तु, भाषिक सान्चन र प्राविधिक पक्षको संशोधन परिमार्जनका प्रक्रिया
एकैकै सात	शिक्षाशास्त्रीय भाषाविज्ञान	<ul style="list-style-type: none"> व्यतिरेकी विश्लेषणको स्वरूप र प्रयोजन, व्यतिरेकी विश्लेषणको तह र प्रक्रिया त्रुटिविश्लेषण, त्रुटिको प्रकृति, यसका प्रकार तथा त्रुटिविश्लेषणको तह र प्रक्रिया शैक्षणिक व्याकरणको अवधारणा, परम्परागत, आधुनिक, वर्णनात्मक, कार्यकलापमूलक र रचनामुखी व्याकरण शिक्षणको स्वरूप र प्रक्रिया

		<ul style="list-style-type: none"> भाषापाठ्यक्रम निर्माणका सिद्धान्त, विशेषता र प्रक्रिया, भाषा पाठ्यपुस्तक निर्माणका सिद्धान्त, भाषापाठ्यपुस्तक लेखन, समीक्षण र परिमार्जन प्रक्रिया
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एकई आठ	प्रायोगिक भाषाविज्ञान	<ul style="list-style-type: none"> ● सङ्कथनमा सम्बद्धन र सम्बद्धकहरूको भूमिका ● शैलीविज्ञान र शैलीविश्लेषण प्रक्रिया ● कोशविज्ञान, कोशनिर्माण योजना र सम्पादन प्रक्रिया, ● नेपाली कोश निर्माणको पूर्ववर्ती र उत्तरवर्ती परम्परा ● अनुवाद अध्ययनका प्रमुख मान्यता तथा अनुवादका प्रकार र प्रक्रिया
काई नौ	सामाजिक तथा मनोभाषाविज्ञान	<ul style="list-style-type: none"> ● भाषिक समुदाय, भाषिक भेद, द्विभाषिकता/बहुभाषिकता, ● नेपालका भाषाहरूको समाजभाषिक स्थिति ● नेपालको भाषानीति र भाषायोजना, ● नेपाली भाषाको आधुनिकीकरण र मानकीकरण प्रक्रिया ● बालभाषा विकासमा चम्स्की र पियाजेको सिद्धान्त ● बालभाषा विकासका चरण र तिनका विशेषता
ई दस	शोध विधि	<ul style="list-style-type: none"> ● शोधको सैद्धान्तिक परिचय ● शोधको प्रयोजन र प्रकार ● शोधका चरण <hr/> <ul style="list-style-type: none"> ● शोधविधि र सामग्री सङ्कलन विधि <hr/> <ul style="list-style-type: none"> ● शोधप्रस्तावको ढाँचा <hr/> <ul style="list-style-type: none"> ● सामग्रीको व्यवस्थापन, विश्लेषण र सामान्यीकरण <hr/> <ul style="list-style-type: none"> ● शोध पातवेदनको लेखन र भाषाशैली

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नमुना प्रश्नपत्र

विषय : नेपाली शिक्षा

पत्र : दोस्रो

समय : २ घण्टा

सबै प्रश्नहरू अनिवार्य छन् ।

वाक्यित पद : उपप्राध्यापक

पार्क : ५०

१. उत्तर आधुनिकतावादका मान्यता औल्याउदै कतिपय विद्वान् यसलाई वादका रूपमा चर्च गर्न रुचाउदैन्, यस सम्बन्धमा तपाईंको धारणा स्पष्ट पार्नुहोस् । १०
२. विधाशिक्षणको विशिष्ट प्रयोजन तथा प्रक्रिया स्पष्ट हुने गरी संवाद शिक्षणका लागि समग्र अवयव समेटिने गरी दैनिक पाठ योजनाको ढाँचा बनाउनु होस् । १०
३. व्यतिरेकी विश्लेषणको परिचय दिई स्रोतभाषा र लक्ष्यभाषाका तुलनीय भाषिक व्यवस्थाका बारेमा विवेचना गर्नु होस् । १०
४. क. वर्गपरिवर्तक र वर्ग अपरिवर्तक व्युत्पादनलाई सोदाहरण चिनाउनु होस् । ५
ख. भाषिक सामर्थ्य र सम्पादनको अवधारणालाई स्पष्ट पार्नु होस् । ५
५. क. आधुनिक नेपाली कथामा गुरुप्रसाद मैनालीले दिएका योगदानको समीक्षा गर्नु होस् । ५
ख. उपन्यासको नाटक विधासँग पाइने समानता र भिन्नता छुट्याउनु होस् । ५

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उपप्राध्यापक पदको विशेष आन्तरिक प्रतियोगिताको पाठ्यक्रम २०८१

दोस्रो पत्र: सम्बन्धित विषयको ज्ञान

स्वास्थ्य तथा शारीरिक शिक्षा:

सुदूरपश्चिम विश्वविद्यालय (FWU) अन्तर्गत स्वास्थ्य शिक्षाका विशेष आन्तरिक प्रतियोगिताको उपप्राध्यापक पदका लागि खुला प्रतिस्पर्धात्मक परीक्षामा निम्न लिखित मुख्य विषयवस्तु क्षेत्रहरू समावेश गरिएको छ :

क्र.सं.	विषयगत क्षेत्र	विषयको विस्तृतीकरण
१	स्वास्थ्य र रोग:	स्वास्थ्य र रोग: अर्थ, स्वास्थ्य र रोगका स्तरहरू (Meaning, levels of Health and Diseases)
२	महामारी विज्ञान (Epidemiology):	महामारी विज्ञान (Epidemiology): सन्ने रोग (Transmissible Disease) - महामारीजन्य कारकहरू (epidemiological factors), सङ्क्रामक रोग चक्र (CD cycle), नसन्ने रोगहरू (NCDs) र जीवनशैली, जोखिम कारकहरू (risk factors)
३	स्वास्थ्य शिक्षा र स्वास्थ्य प्रवर्द्धन:	स्वास्थ्य शिक्षा र स्वास्थ्य प्रवर्द्धन: स्वास्थ्य शिक्षाको अवधारणा (Concept of Health Education), विभिन्न युगमा स्वास्थ्य शिक्षाको विकास, प्राथमिक स्वास्थ्य सेवा (Primary Health Care): सिद्धान्त र दृष्टिकोणहरू (Principles and approaches)
४	विद्यालय स्वास्थ्य कार्यक्रम:	विद्यालय स्वास्थ्य कार्यक्रम: परिचय, कार्यक्षेत्र (scope), स्वास्थ्य प्रवर्द्धक विद्यालय (health promoting school), व्यापक विद्यालय स्वास्थ्य (comprehensive school health), विद्यालय स्वास्थ्यको FRESH मॉडेल, शारीरिक गतिविधि र तन्दुरुस्ती प्रवर्द्धन (physical activity and fitness promotion), तौल व्यवस्थापन (weight management), सन्तुलित आहार (balanced diet), दिवा खाजा कार्यक्रम (Diva Khaja Karyakram), स्वस्थ सार्वजनिक नीतिहरू (healthy public policies)
५	सामुदायिक स्वास्थ्य:	सामुदायिक स्वास्थ्य: सामुदायिक स्वास्थ्य र सामुदायिक विकास; सामुदायिक नेतृत्व विकास (Community leadership development); मानसिक स्वास्थ्य (mental health); वातावरण (environment); समुदायमा दिगो स्वास्थ्यको अवधारणा (concept of sustainable health in the community); प्रदूषण (pollution); सरसफाइ र स्वच्छता (hygiene and sanitation); जलवायु परिवर्तन र स्वास्थ्यमा यसको प्रभाव (Climate change and its impact on health), वातावरणीय संरक्षण (environmental preservation)
६	स्वास्थ्य सञ्चार:	स्वास्थ्य सञ्चार: परिचय, सूचनाका माध्यम र स्रोतहरू (channels and sources of information), स्वास्थ्य साक्षरतामा मिडिया र तिनीहरूको भूमिका, स्वास्थ्य सञ्चारमा अवरोधहरू (barriers in health communication), स्वास्थ्य व्यवहार परिवर्तनका सिद्धान्त र मॉडेलहरू (theories and models of Health Behavior Change)
७	स्वास्थ्य शिक्षा मा विधि तथा शिक्षण-सिकाइ:	स्वास्थ्य शिक्षा मा विधि तथा शिक्षण-सिकाइ: स्वास्थ्य शिक्षामा शिक्षण विधिहरू, स्वास्थ्य शिक्षाका लागि निर्देशनात्मक/शैक्षिक सामग्रीहरू (instructional/educational materials), स्वास्थ्य तथा शारीरिक शिक्षा शिक्षणका सिद्धान्तहरू (Theories of Teaching Health & Physical Education), शिक्षकका व्यवहारहरू (teacher behaviours), कक्षाकोठा अन्तर्क्रिया (classroom interaction), सक्रिय सिकाइ र आलोचनात्मक सोच (active learning and critical thinking)
८	यौन तथा प्रजनन स्वास्थ्य:	यौन तथा प्रजनन स्वास्थ्य: किशो र किशोरीको यौन तथा प्रजनन स्वास्थ्य, मातृ स्वास्थ्य (maternal health), व्यापक यौनिकता शिक्षा (Comprehensive Sexuality Education): नेपालमा यसका अवयव र अवस्था, पारिवारिक जीवन शिक्षा (family life education)
९	स्वास्थ्य तथा शारीरिक शिक्षा मा अनुसन्धान र मूल्याङ्कन:	स्वास्थ्य तथा शारीरिक शिक्षा मा अनुसन्धान र मूल्याङ्कन: अवधारणा, डिजाइनहरू (designs), तथ्याङ्क सङ्कलन प्रक्रिया, विश्लेषण, प्रस्ताव विकास (proposal development), शोधपत्र लेखन (Thesis writing), मूल्याङ्कन डिजाइनहरू (Evaluation Designs), बी.एड. (B.Ed.) र एम.एड. (M.Ed.) स्वास्थ्य तथा शारीरिक शिक्षा (HPE) पाठ्यक्रमको मूल्याङ्कन।
१०	स्वास्थ्य तथा शारीरिक शिक्षा मा व्यवस्थापन र प्रशासन:	स्वास्थ्य तथा शारीरिक शिक्षा मा व्यवस्थापन र प्रशासन: व्यवस्थापन र प्रशासनको अवधारणा र भूमिका, महत्त्व, अवयवहरू (components), नेतृत्व शैलीहरू (leadership styles), स्वास्थ्य तथा शारीरिक शिक्षा शिक्षकहरूको व्यावसायिक विकास (professional development of HPE teachers)

सुदूरपश्चिम विश्वविद्यालय सेवा आयोग

उपप्राध्यापक पदको विशेष आन्तरिक प्रतियोगिताको पाठ्यक्रम

द्वैस्रो पत्र: सम्बन्धित विषयको ज्ञान

नमुना प्रश्नहरू (Model Questions)

तलका प्रश्नहरूको उत्तर दिनुहोस् (Answer the following questions)

(१०X ५ = ५०)

(समय २

घण्ट)

१. "वृत्तवर्णनमा आउने परिवर्तन अनुसार व्यक्तिको स्वास्थ्यको स्तर पनि विभिन्न तहमा सर्दछ।" यस भनाइको उपयुक्त चित्र र उदाहरणसहित आलेचनत्मक छलफल गर्नुहोस्। (५+२+३)

(The level of health of a person shifts at different levels according to the change in the environment." Critically discuss the statement with suitable diagrams and examples (5+2+3)

२. नसर्ने रोगहरू (Non-communicable diseases) का जोखिमका कारकहरू के-के हुन्? नसर्ने रोगहरूका जोखिमका कारकहरूलाई रोक्न कथम गर्नका लागि कस्तो निवारक उपायहरू आवश्यक छन्? (५+५)

(What are the risk factors for non-communicable diseases? What preventive measures are necessary for preventing the risk factors of non-communicable diseases? (5+5)

३. स्वास्थ्य शिक्षा (Health education) र स्वास्थ्य प्रवर्द्धन (Health promotion) बीचका समानताहरू र भिन्नताहरू के-के हुन्? (५+५)
What are the similarities and differences between health education and health promotion? (5+5)

४. स्वास्थ्य प्रवर्द्धक विद्यालय (Health-promoting school) का लागि आवश्यक शर्तहरू (necessary conditions) के-के हुन्? राष्ट्रिय स्वास्थ्य तथा पोषण रणनीति २००६ (National Health & Nutrition Strategy 2006) मा स्वास्थ्य प्रवर्द्धक विद्यालय का लागि के-कस्ता प्रवधानहरू (provisions) समावेश गरिएका छन्? (५+५)

What are the necessary conditions for a health-promoting school? What provisions are included in the National Health & Nutrition Strategy 2006? (5+5)

५. नेपालको सुदूरपश्चिम विश्वविद्यालय (Far Western University of Nepal) को बी.एड. स्वास्थ्य र शारीरिक शिक्षा पाठ्यक्रम (B.Ed. Health and Physical Education Curricula) का सबल पक्षहरू (strengths) र कमजोरीहरू (deficiencies) के-के छन्? (५+५)

What are the strengths and deficiencies of B.Ed. Health and Physical Education Curricula of Far Western University of Nepal? (5+5)

**Far Western University
Service Commission**

Syllabus 2081

Special Internal Competition for the Post of Lecturer

Subject: Mathematics Education

Full Marks 50

Paper: II

Time: 2 hrs

This paper will include questions to assess the subject-specific or content knowledge of the candidates. Questions will be asked from the following content areas that are covered in the curricula of the Bachelor's and Master's degree programs. The distribution of questions will be as follows:

- 1) Long Answer Questions – 3 questions x 10 Marks = 30 Marks
- 2) Short Answer Questions – 2 Questions x 10 Marks = 20 Marks (Each short answer question will have 2 questions with 5 marks each)

S.N.	Themes	Sub Themes
1.	Differential and Integral Calculus with Applications	Functions and limits Continuity and differentiability Techniques of differentiation Applications of derivatives (rate of change, maxima and minima) Indefinite and definite integrals Techniques of integration Applications of integrals (area, volume, arc length) Elementary differential equations and applications
2.	Discrete Mathematics, Probability and Statistics with Applications in Research	Sets, relations and functions Logic and propositional calculus Permutations and combinations Probability theory and random variables Discrete probability distributions Descriptive statistics Inferential statistics Sampling techniques and hypothesis testing Applications of probability and statistics in educational and mathematical research
3.	Geometry	Foundations and nature of geometry Analytical geometry (two and three dimensions) Solid geometry Projective geometry: basic concepts and principles Differential geometry: curves and surfaces Applications of geometry in real-life and mathematical problem solving
4.	Number Theory, Real Analysis and Topology	Fundamental concepts of number theory Divisibility, primes and congruences Real number system Sequences and series Limit and continuity Differentiation and integration in real analysis

		<p>Introduction to metric spaces</p> <p>Basic concepts of topology (open and closed sets, continuity)</p> <p>Applications of limit, continuity and topology</p>
5.	Algebra: Linear Algebra and Abstract Algebra	<p>Systems of linear equations</p> <p>Matrices and determinants</p> <p>Vector spaces and linear transformations</p> <p>Binary operations</p> <p>Groups and subgroups</p> <p>Cyclic and permutation groups</p> <p>Homomorphism and isomorphism</p> <p>Applications of group theory</p>
6.	Instructional / Teaching Methods, Materials, Practices and Pedagogical Technology	<p>Nature and objectives of mathematics teaching</p> <p>Traditional and modern teaching methods</p> <p>Instructional materials and resources</p> <p>Lesson planning and classroom practices</p> <p>Use of ICT and pedagogical technology in mathematics teaching</p> <p>Assessment and evaluation strategies</p> <p>Application of teaching methods in mathematics classroom</p>
7.	Graph Theory, Vector Analysis and Complex Analysis	<p>Fundamentals of graph theory</p> <p>Types of graphs and graph properties</p> <p>Applications of graph theory</p> <p>Vector algebra and vector calculus</p> <p>Scalar and vector products</p> <p>Triple vector products</p> <p>Vector operators: gradient, divergence and curl</p> <p>Complex numbers and analytic functions</p> <p>Applications of complex analysis</p>
8.	History of Mathematics and Curriculum in Mathematics Education	<p>Historical development of mathematics</p> <p>Ancient numeral systems and their evolution</p> <p>Contributions of mathematicians from different civilizations</p> <p>Development of mathematics education</p> <p>Curriculum concepts and principles</p> <p>Curriculum design, development and revision</p> <p>Existing practices of mathematics curriculum in Ne</p>
9.	Professional Development of Mathematics Teachers	<p>Concept and importance of professional development</p> <p>Teacher knowledge and competencies</p> <p>Pre-service and in-service teacher training</p> <p>Continuous professional development (CPD)</p> <p>Reflective practice and action research</p> <p>Professional ethics and leadership in mathematics education</p>
10.	Trends of Mathematics Teaching and Learning	<p>Trends of Mathematics Teaching and Learning</p> <p>Theories of Mathematics</p> <p>Learner-Centered and Competency-Based Mathematics Pedagogy</p> <p>Problem-Solving, Critical Thinking, and Mathematical Reasoning</p> <p>Use of ICT, STEM, and Innovative Practices in Mathematics Teaching</p> <p>Research Methods in Mathematics Education (Quantitative, Qualitative, Action Research)</p>

Model Questions

Far Western University

Service Commission

Subject: Mathematics Education

Full Marks 50

Post: Lecturer

Time 2hrs

Paper: II

Attempt all questions

Long Answer Questions: 3 x 10 Marks = 30 Marks)

1. Distinguish between procedure of determination of Derivative and integration of a function with examples to each. Also, express the critical appraisal of their applications in real world situation with examples. (5+5)
2. Define limit and continuity of a function with examples. Does the statement "Continuity is necessary but not sufficient condition for differentiability" is true? Prove or disprove it with an example. Define projective Space with an example. (3+1+3+3)
3. Define scalar triple product and vector triple product of vector quantity with expressing their usual symbols used there. Does it relate with any geometry? Define a complex function with an example. Define gradient, divergence and curl of a vector with examples to each. (2+1+2+5)

Short Answer Questions: 2 x 10 Marks = 20 Marks (5 Marks each)

- 4.a How can you introduce binary operations? How can you elucidate it in the concept of group? Illustrate with examples in different groups. (1+2+2)
- b. Does Linear Programming is an applicable field of statistics? Justify with examples. Also, explain the use of probability in normal distribution. (1+2+2).
- 5.a Explain the basic steps of research in mathematics education. Prepare a short synopsis in your any interested research areas of mathematics. (2+3)
- b. Examine with examples how the recent trends of teaching-learning activities in mathematics education going on in Secondary level school or University level with the historical perspective. (5)

**Far Western University
Service Commission**

Syllabus 2081

Special Internal Competition for the Post of Lecturer

Subject: English Education

Full Marks 50

Paper: II

Time: 2 hrs

This paper will include questions to assess the subject-specific or content knowledge of the candidates. Questions will be asked from the following content areas that are covered in the curricula of the Bachelor's and Master's degree programs. The distribution of questions will be as follows:

- 1) Long Answer Questions – 3 questions x 10 Marks = 30 Marks
- 2) Short Answer Questions – 2 Questions x 10 Marks = 20 Marks (Each short answer question will have 2 questions with 5 marks each)

S.N.	Major Themes	Sub Themes
1.	English Language and Linguistics	Properties of language, sounds of English (Phonetics and Phonology) Word formation and vocabulary (Morphology) Sentence structure (Syntax) Meaning in language (Semantics) Language use in context (Pragmatics) English varieties (British, American, World Englishes) Role of linguistics in language teaching
2.	Sociolinguistics and Psycholinguistics	Language and society Language and culture Multilingualism and bilingualism Language attitudes and identity First language acquisition Second language learning processes Cognitive factors in language learning Affective factors (motivation, anxiety)
3.	Discourse Analysis	Spoken and written discourse Cohesion and coherence Conversation analysis Classroom discourse Critical discourse analysis Genre and text types Discourse in media and education
4.	Literature and Language Teaching	Using poetry for language learning Teaching drama in ELT Short stories and novels in language classrooms Literature for vocabulary and grammar development Literature for critical thinking Cultural values in literary texts Reader-response approach Interpreting the language of literature

5.	English Language Pedagogical Theories, Methods and Techniques	<p>Historical overview of ELT methods</p> <p>Communicative Language Teaching (CLT)</p> <p>Task-Based Language Teaching (TBLT)</p> <p>Post Method Pedagogy</p> <p>Learner-centered teaching</p> <p>Classroom interaction techniques</p> <p>Content and language integrated teaching (CLIL)</p> <p>Use of ICT in ELT</p>
6.	Research in English Language Teaching	<p>Qualitative research methods</p> <p>Quantitative research methods</p> <p>Mixed-method research</p> <p>Action research in ELT</p> <p>Classroom-based research</p> <p>Research ethics</p> <p>Data collection tools (interviews, questionnaires)</p> <p>Data analysis techniques</p>
7.	English Language Teaching Curriculum and Textbooks	<p>Curriculum goals and objectives</p> <p>Needs analysis</p> <p>Syllabus design</p> <p>Local vs global ELT materials and resources</p> <p>Cultural representation in textbooks</p>
8.	Assessment in English Language Teaching	<p>Assessment in English Language Teaching</p> <p>Formative and summative assessment</p> <p>Testing language skills (LSRW)</p> <p>Alternative assessment (portfolio, project work)</p> <p>Continuous assessment system</p> <p>Classroom-based assessment</p> <p>Feedback and grading practices</p> <p>Validity and reliability in testing</p>
9.	Academic Writing	<p>Paragraph writing</p> <p>Essay writing</p> <p>Research proposal writing</p> <p>Thesis and dissertation writing</p> <p>Referencing and citation styles (APA)</p> <p>Avoiding plagiarism</p> <p>Academic vocabulary and style</p> <p>Argumentation and coherence</p>
10.	Current Issues in English Language Teaching	<p>English as a global language</p> <p>Multilingualism in ELT classrooms</p> <p>Mother tongue-based instruction</p> <p>Inclusive and equitable ELT</p> <p>ICT and digital learning</p> <p>AI in language teaching</p>

Model Questions

Far Western University
Service Commission

Subject: English Education

Full Marks 50

Post: Lecturer

Time 2hrs

Paper: II

Attempt all questions

Long Answer Questions: 3 x 10 Marks = 30 Marks

- 1) How do you justify the role of linguistics in language teaching? Elaborate your answer with examples.
- 2) What are the stages of teaching poetry at the undergraduate level? Discuss with examples.
- 3) Illustrate the principles of post-method pedagogy with examples. Justify the use of post-method pedagogy in your context.

Short Answer Questions: 2 x 10 Marks = 20 Marks (5 Marks each)

- 4)a. How do you assess the students' proficiency using port-folio?
- b. Explain briefly Krashen's hypotheses of second language acquisition.
- 5 a. How is academic writing different from non-academic writing?
- .b. What are some of the current issues in English language teaching in Nepal? Explain any two of the pressing issues you are facing as an English language teacher.

**Far Western University
Service Commission
Syllabus 2081**

Special Internal Competition for the Post of Lecturer

Subject: Population Education

Paper: II

Full Marks 50

Time: 2 hrs

This paper will include questions to assess the subject-specific or content knowledge of the candidates. Questions will be asked from the following content areas that are covered in the curricula of the Bachelor's and Master's degree programs. The distribution of questions will be as follows:

- 1) Long Answer Questions – 3 questions x 10 Marks = 30 Marks
- 2) Short Answer Questions – 2 Questions x 10 Marks = 20 Marks (Each short answer question will have 2 questions with 5 marks each)

S.No.	Themes	Sub Themes
1.	Foundations of Population Education	Philosophy, principles, and scope of population education. Relationship of population education with other disciplines (Sociology, Economics, Geography). Determinants of population change (Fertility, Mortality, Migration). Teacher preparation for population education.
2.	Demographic Measures, Theories, and Statistics	Calculation of rates and ratios (Crude Birth Rate, Mortality rates, Fertility rates). Theories of population (Malthusian, Marxist, Demographic Transition Theory). Population projection techniques and life tables. Application of basic statistics (Central tendency, Dispersion, Correlation, Regression) in population studies.
3.	Sexual and Reproductive Health (SRH)	Adolescent sexual and reproductive health (ASRH) and sexuality education. Safe motherhood, antenatal/postnatal care, and abortion safety. Prevention and management of HIV/AIDS and STIs. Family planning methods, spacing, and counseling.
4.	Population and Environmental Sustainability	Interrelationship between population growth and the ecosystem. Environmental degradation (deforestation, pollution, climate change). Natural resource management and sustainable development. Global environmental issues (Ozone depletion, acid rain, global warming)
5.	Gender, Social Justice, and Social Inclusion	Gender equality vs. equity, and gender mainstreaming. Gender-based violence (GBV) and women's empowerment. Social justice issues: Child labor, human trafficking, and street children. Rights of indigenous peoples, Dalits, and marginalized groups.
6.	Migration, Urbanization, and Development	Theories of migration (Push and Pull factors) and labor migration. Impact of remittances on rural livelihoods and national development. Trends and patterns of urbanization and urban management challenges (slums, pollution). Indicators of development (HDI, PQLI) and the poverty cycle.
7.	Population Policy,	History and types of population policies (Pronatalist vs.

	Planning, Management and	Antinatalist). Population planning in periodic development plans (Five-year plans). Management of population programs by Government and NGOs/INGOs. Demographic dividends and windows of opportunity.
8.	Family Life and Gerontology (Ageing)	Family structure, functions, and responsible parenthood. Fundamentals of ageing: Biological, sociological, and psychological theories. Social security, retirement, and care for the elderly. Inter-generational relationships and the changing family life cycle.
9.	Research Methodology and Community Survey	Research design, sampling procedures, and variable measurement. Tools for data collection (Questionnaires, Interviews, Focus Groups). Conducting community surveys on population issues. Data analysis, report writing, and seminar presentation.
10.	Pedagogical Methods and Curriculum	Student-centered vs. Teacher-centered teaching methods. Instructional planning (Lesson plans, Unit plans, Work plans). Development and use of instructional materials and media. Evaluation techniques and curriculum analysis for secondary school population education.

Model Questions

Far Western University
Service Commission

Subject: Population Education
Post :Lecturer
Paper: II

Full Marks 50
Time 2hrs

Attempt all questions

Long Answer Questions: 3 x 10 Marks = 30 Marks

1. Critically analyze the "Demographic Transition Theory". To what extent is this Western-Centric theory applicable to the current demographic scenario of Nepal? Discuss with reference to recent census data.
2. "Population growth is the primary driver of environmental degradation." Critically examine this statement by discussing the complex interplay between population dynamics, consumption patterns, and sustainable development.
3. Evaluate the effectiveness of Nepal's current Population Policy in the context of the new Federal structure. How should local governments manage "Population Planning and Management" differently than the central government?

Short Answer Questions: 2 x 10 Marks = 20 Marks (5 Marks each)

- 4.a Define Adolescent Sexual and Reproductive Health (ASRH). Discuss the major barriers adolescents face in accessing SRH services in Nepal and explain the role of "Comprehensive Sexuality Education" in overcoming these barriers.
- b. Differentiate between "Push" and "Pull" factors of migration. Analyze the consequences of rapid "Unplanned Urbanization" on the environmental health of emerging cities in the Terai region.
- 5.a. Discuss the paradigm shift in Population Education from a "Demographic Control" approach to a "Quality of Life and Rights-Based" approach. How has this shift influenced recent curriculum development?
- b. You are tasked with teaching "Gender-Based Violence" to a culturally conservative class. Which pedagogical method (student-centered vs. teacher-centered) would be most effective to change attitudes, and why?

**Far Western University
Service Commission
Syllabus 2081**

Special Internal Competition for the Post of Lecturer

Subject: Education

Full Marks 50

Paper: II

Time: 2 hrs

This paper will include questions to assess the subject-specific or content knowledge of the candidates. Questions will be asked from the following content areas that are covered in the curricula of the Bachelor's and Master's degree programs. The distribution of questions will be as follows:

- 1) Long Answer Questions – 3 questions x 10 Marks = 30 Marks
- 2) Short Answer Questions – 2 Questions x 10 Marks = 20 Marks (Each short answer question will have 2 questions with 5 marks each)

S.N.	Themes	Sub Themes
1.	Philosophical Foundations of Education	Meaning, nature, and purpose of education Relation between philosophy and education Major schools of educational philosophy (Idealism, Realism, Pragmatism, Existentialism, Naturalism) Educational aims, values, and human deve
2.	Psychological Foundations of Education	Human development and learning processes Theories of learning (Behaviorism, Cognitivism, Constructivism, Humanism) Intelligence, creativity, and motivation Personality and its impact on learning
3.	Sociological Foundations of Education	Education and society: relationship and functions Socialization, culture, and education Social stratification, inclusion, and equity in education Role of education in social change and development
4.	Educational Thinkers and Theories	Contribution of Western thinkers (Dewey, Montessori, Froebel, Piaget, Vygotsky) Contribution of Eastern thinkers (Rabindranath Tagore, Gandhi, Confucius) Relevance of educational philosophies and theories in Nepalese context
5.	Educational Aims and Objectives	Concept of educational aims, goals, and objectives Bloom's taxonomy of educational objectives Cognitive, affective, and psychomotor domains Formulation of learning objectives in practice
6.	Educational Psychology of Learning	Motivation, reinforcement, and learning behavior Individual differences and learning styles Transfer of learning and retention Application of psychological principles in teaching
7.	Education in Nepalese Context	Historical development of education in Nepal Education policies, acts, and national frameworks Contemporary issues and challenges in Nepalese education Role of community, family, and culture in education

8.	Inclusive and Special Education	<p>Concept of inclusive education</p> <p>Types of learners with special needs</p> <p>Strategies for inclusive classroom teaching</p> <p>Policy and legal provisions for inclusive education in Nepal</p>
9.	Educational Technology and ICT in Education	<p>Role of technology in teaching and learning</p> <p>E-learning, blended learning, and digital resources</p> <p>Tools, techniques, and applications for educational purposes</p> <p>Advantages and limitations of educational technology</p>
10	Professional Ethics and Teacher Development	<p>Teacher professionalism and ethics</p> <p>Role and responsibilities of teachers</p> <p>Teacher development programs and continuing professional development</p>

Model Questions:

**Far Western University
Service Commission**

**Subject: Education
Post Lecturer
Paper: II**

**Full Marks 50
Time 2hrs**

Attempt all questions

Long Answer Questions: 3 x 10 Marks = 30 Marks

1. Explain the contribution of Pragmatism and its relevance in modern classroom teaching.
2. Discuss the role of motivation and individual differences in effective learning.
3. Analyze the historical development of education in Nepal and its impact on contemporary educational practices.

Short Answer Questions: 2 x 10 Marks = 20 Marks (5 Marks each)

4. a) Define inclusive education and explain two strategies for supporting learners with special needs.
b) Explain the role of culture in shaping educational practices.
5. a) Discuss the role of teacher ethics in professional development

b) Illustrate the role of ICT in enhancing student learning in the classroom.

**Far Western University
Service Commission**

Syllabus 2081

Special Internal Competition for the Post of Lecturer

Subject: Curriculum and Evaluation

Full Marks 50

Paper: II

Time: 2 hrs

This paper will include questions to assess the subject-specific or content knowledge of the candidates. Questions will be asked from the following content areas that are covered in the curricula of the Bachelor's and Master's degree programs. The distribution of questions will be as follows:

- 1) Long Answer Questions – 3 questions x 10 Marks = 30 Marks
- 2) Short Answer Questions – 2 Questions x 10 Marks = 20 Marks (Each short answer question will have 2 questions with 5 marks each)

S.No	Themes	Sub Themes
1	Foundations of Curriculum, Curriculum Theory and Curriculum Practices	Historical evolution of curriculum; philosophical foundations (perennialism, progressivism, reconstructionism); psychological and sociopolitical determinants; curriculum as ideology and policy instrument
2	Curriculum Models and Design Approaches	Objectives-based models (Tyler, Taba); process and learner-centered models; backward design; reconceptualist and post-structural views of curriculum
3	Testing and Assessment, Test theory and Test Development	Focuses on the mechanics of assessment, covering formative to diagnostic types. It explores measurement principles (validity, reliability, and usability) and the technicalities of test construction, including item analysis and modern theories like Item Response Theory (IRT) and Generalizability Theory.
4.	Alternative, Classroom-Based, and Inclusive Assessment	Authentic and performance-based assessment; portfolios and rubrics; assessment for learning (AfL); ethical, fair, and bias-free assessment practices
5	Application of Statistics in Teaching and Research	Computational application of descriptive and inferential statistics (ANOVA, regression, chi-square) in research. Emphasis is placed on interpreting data via p-values and effect sizes, using tools like SPSS or R.
6	Curriculum Evaluation and Programme Assessment	Evaluation purposes and models (CIPP, goal-free, utilization-focused); input–process–product framework; decision-oriented evaluation; accountability and impact analysis

7	Research Paradigms and Methods in Curriculum Studies	Positivist, interpretivist, and critical paradigms; qualitative traditions (ethnography, phenomenology, grounded theory); trustworthiness and reflexivity
8	Classroom Instruction and Pedagogical Practicess	Learning theories (behaviorism, cognitivism, constructivism); learner-centered and inquiry-based instruction; UDL and differentiated instruction; classroom engagement strategies
9.	Emerging Perspectives on Curriculum	Critical pedagogy; AI-integrated curriculum; digital literacy and smart pedagogy; sustainability education, global citizenship, and decolonization of knowledge.
10	Curriculum for Diversity, Programme Evaluation	Inclusive curriculum design; gender, disability, ethnicity, and linguistic diversity; culturally responsive pedagogy; multilingual and indigenous perspectives

**Far Western University
Service Commission**

Subject: Curriculum and Evaluation
Post Lecturer
Paper II

Full Marks 50
Time 2hrs

Attempt all questions

Long Answer Questions: 3 x 10 Marks = 30 Marks

1. Compare the technical-rational model with Pinar's reconceptualism. If you were tasked with creating a local curriculum for a specific municipality, how would you integrate local indigenous knowledge while following national standards?
2. Use specific classroom scenarios to distinguish between measurement, assessment, and evaluation. Critically evaluate how formative assessment is currently implemented in Nepal's basic level education.
3. Explain the importance of construct validity and inter-rater reliability in high-stakes testing. What strategies can a teacher use to ensure fairness and transparency during the scoring of subjective essay questions?

Short Answer Questions: 2 x 10 Marks = 20 Marks (5 Marks each)

4. a. Briefly explain how a phenomenological approach can be used to study students' experiences of the *hidden curriculum* in urban schools. Mention one research objective and one strategy to ensure confirmability.
b. Design a brief outline of a problem-based learning (PBL) unit for any one subject, showing how blended learning tools and UDL principles can support diverse learners.
5. a. In a multilingual classroom, mention any three scaffolding strategies or multilingual instructional methods that help students achieve national curriculum targets.
b. Using Stake's Countenance Model, explain how you would assess the congruence between intended outcomes and actual effects of a mid-day meal program on student attendance.

**Far Western University
Service Commission**

Syllabus 2081

Special Internal Competition for the Post of Lecturer

Subject: Computer Science /Faculty of Education

Full Marks 50

Paper: II

Time: 2 hrs

This paper will include questions to assess the subject-specific or content knowledge of the candidates. Questions will be asked from the following content areas that are covered in the curricula of the Bachelor's and Master's degree programs. The distribution of questions will be as follows:

- 1) Long Answer Questions – 3 questions x 10 Marks = 30 Marks
- 2) Short Answer Questions – 2 Questions x 10 Marks = 20 Marks (Each short answer question will have 2 questions with 5 marks each)

S.No	Themes	Sub Themes
1.	Procedural and Object-Oriented Programming	Procedural Programming, Data Types, Operators, Control Statements, Functions, Arrays, Object-Oriented Programming, Objects and Classes, Inheritance, Polymorphism, Abstraction, Overloading and Overriding
2.	Data Structure and Algorithms	Time and Space Complexity, Abstract Data Types, Array, Linked List, Stack, Queue, Sorting, Searching and Hashing, Tree and Graph
3.	Database Management System	Database and Database Management System, RDBMS, Three-Schema Architecture, ER Diagram, SQL, Normalization, Transaction Management, Concurrency Control, Database Recovery
4.	Operating System	Functions and Types of Operating System, Process Management, Process Synchronization, Memory Management, Storage and File Management, I/O Management
5.	System Analysis and Design	System Development Life Cycle, Waterfall Model, Prototyping, Spiral and Agile Development, SDLC Phases: Planning, Analysis, Design, Implementation, and Maintenance

6.	Software Engineering	Importance of Software Engineering, Software Project Management, Requirements Engineering, System Modeling, Software Design, Software Testing, Software Quality Assurance, Software Configuration Management
7.	Cybersecurity	Overview, Threats and Vulnerability, CIA Triad, Security Policy, Security Standards, Network Security, OS and Application Security, VAPT
8.	Web Technology	Web Client and Web Server, HTTP Request and Response, Web 1.0, 2.0 and 3.0, HTML and CSS, Client-Side Scripting, Server-Side Scripting, Database Handling
9.	E-Commerce	Features of E-Commerce Technology, E-Commerce Types, Business Models of E-Commerce, Payment Systems, Digital Marketing, Collaborative Commerce
10.	E-Government	E-Government vs E-Governance, E-Government Life Cycle, Models of E-Government, E-Government Infrastructure Development, E-Government Security

Model questions

**Far Western University
Service Commission**

Subject: Computer Science/ Faculty of Education

Full Marks 50

Post Lecturer

Time 2hrs

Paper II

Attempt all questions

Long Answer Questions: 3 x 10 Marks = 30 Marks

1. What are the benefits of using functions in programming? Explain different principles of object-oriented programming. (3 + 7)
2. Define hashing. Explain different collision resolution techniques in hashing? (2 + 8)
3. Explain integrity constraint in relational database with example. What are the uses of functional dependency in normalization? (5 + 5)

Short Answer Questions: 2 x 10 Marks = 20 Marks (5 Marks each)

4.
 - a. What do you mean by Agile development approach in information system development? (5)
 - b. Why is responsive web design important? Explain media query in brief. (2 + 3)
5.
 - a. Define social media marketing. What do you mean by collaborative commerce? (2 + 3)
 - b. Explain comparative analysis model of e-governance. (5)