

नेपाली सेना

प्रा.उ.से. Audiologist & speech language pathologist (BASLP) (खुला) पदको

पाठ्यक्रम

समय:- ३ घण्टा

पूर्णाङ्क :-१००

उत्तीर्णाङ्क:-४०

उद्देश्य

यो पाठ्यक्रम नेपाली सेनाको प्रा.उ.से. Audiologist & speech language pathologist (BASLP) पदका उम्मेदवार छनौट परीक्षाको लागि निर्धारण गरिएको हो । प्रा.उ.से. Audiologist & speech language pathologist (BASLP) पदका उम्मेदवार छनौटको लिखित परीक्षामा सरिक हुने उम्मेदवारहरूको पेशा सम्बन्धि विषयलाई आधार मानि प्रश्नहरू सोधिने छन् ।

- (क) लिखित परीक्षाको माध्यम नेपाली/अंग्रेजी भाषा हुनेछ ।
- (ख) माथि उल्लेखित पत्रहरूको पाठ्यक्रमको रूपरेखा अनुसार विषयवस्तु एउटै हुनेछ ।
- (ग) लिखित परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र अर्को चरणको परीक्षामा सम्मिलित गराइनेछ।
- (घ) नेपाली सेनाको तत्कालिन आवश्यकता तथा विविध परिस्थितिमा नेपाली सेना अनूकूल हुने गरी उल्लेखित विवरणहरूमा हेरफेर हुन सक्नेछ ।
- (ङ) पाठ्यक्रम लागू मिति : २०६८/०९/२८ गते देखि

प्रश्नको किसिम	प्रश्नको संख्या र अंक	कैफियत
लामो उत्तर दिनु पर्ने प्रश्न	५×१०=५०	
छोटो उत्तर दिनु पर्ने प्रश्न	५×५=२५	
वस्तुगत	२५×१=२५	

Curriculum for प्रा.उ.से. Audiologist & speech language pathologist

subjects

1. Audiology-20%
2. Speech pathology -20%
3. Language pathology-20%
4. Introduction about E.N.T diseases -20%
5. Allied subject (linguistic, psychology & Statistics)-20%

1. Audiology

- a) **Pure tone Audiometry, Speech Audiometry:** Speech Awareness Threshold (SAT), Speech Recognition Threshold (SRT), Word Recognition Score
- Different types of paediatric audiology--play audiometry, Behavioral audiometry, conditional audiometry etc.
- b) **Audiology Tests to Differentiate Site of Lesion.**
- Difference Limen Tests, Bekesy Audiometry, Brief Tone Audiometry. SISI and Modifications of SISI. Loudness Balance Tests – ABLB, MLB. Tone Decay Test: , STAT, continuous Tone Masking
- c) **Immittance Audiometric test**-Tympanometry, Static Immittance, Reflexometry, Advantages and Disadvantages of different procedures
- d) **ABR test. And OAE test** –procedure & its interpretation.
- e) **Vestibular function test** --E.N.G test ,Caloric test,-procedures & its interpretation
- f) **Pseudohypoacusis** :(MALINGERING)test -Types of test & interpretation
- g) **Central Auditory Dysfunction(CAD) test**
- h) **Hearing aids & cochlear implant**:-introduction & uses.
- i) **Introduction about noise measurement & its control.**

2. Speech pathology

- a) **Articulation & phonology** :- Normal development, Models of phonological development. Articulation & phonological disorder,its assessment procedures & approaches to treatment.
- b) **Cleft lip and palate- and glossectomy** :- Definition, etiology,clinical features, diagnosis, treatment
- c) **Voice and Laryngectomy** :- definition,etiology,diagnosis ,differential diagnosis and treatment Hysterical Aphonia,Spasmodic dysphonia, Plica – Ventricularis•Mutational voice disorders, Diplophonia professional voice disorder.etc.

d) **Childhood Motor Speech Disorders**

-**Cerebral Palsy**-Definition, etiology, classification, clinical features diagnosis and its treatment

Dysarthria and swallowing problems -Definition, etiology, clinical features, diagnosis and management.

e) **Fluency & its disorder** :- Definition, development of factors influencing differential diagnosis and its treatment

3. **language-pathology-**

a) **Childhood communication disorder** :- Theories and models of language acquisition, Definitions, etiology, classification and characteristics of communication disorders in children with a)Hearing impairment, b)Mental retardation c)Pervasive development disorders d) ADD and ADHD, e)SLI and LLD, f)Learning disability,g)Acquired childhood aphasia h)Visual impairment, i)Multiple impairments

b) **Communication, language and speech intervention** :- General intervention approaches and principles. Specific intervention techniques., AAC, Role of parents, caregivers and family and Team approach.

c) **Aphasia** :- Definition,etiology,classification,diagnosis & its treatment

d) **Apraxia** - Definition,etiology,clinical features diagnosis & its treatment.

4. **E.N.T Diseases** :- **Basic anatomy,physiology of Ear,Nose & Throat**

a) **Otology**-Diseases about external, middle & inner ear- -Definition. etiology, pathophysiology, sign & symptom, investigation diagnosis & treatment & complication.

b) **Rhinology**-Diseases about Nose,panasal sinus--Definition. etiology, pathophysiology, sign & symptom, investigation diagnosis & treatment & complication.

c) **Laryngology** Diseases about Throat, pharynx, larynx etc--Definition. etiology, pathophysiology, sign & symptom, investigation diagnosis & treatment & complication.

5. **Allied subject**

a) **Statistics :- and research methods;** (Audiology & speech language pathology)

- data collection, normal distribution, correlation, significant , differences, etc.

- Basic knowledge about psychology related to speech,

b) **Linguistics**-introduction about linguistics,nature of language, communication, phonetics, phonology and Classification of speech sounds: Segmentals and suprasegmentals. hearing field.

c) **Neurology** :- Knowledge about neurological related to speech problem.

d) **Pediatrics** :- Knowledge about speech and language in pediatric population.