(An Adjunct Body of Rehabilitation Council of India, Under Ministry of Social Justice and Empowerment) (Department of Empowerment of Persons with Disabilities, Govt. of India)

Examination Conducted by

Ali Yavar Jung National Institute of Speech and Hearing Disabilities (Divyangjan), Mumbai

DIPLOMA IN HEARING LANGUAGE AND SPEECH (DHLS) (REV)

PAPER - DHLS 1: INTRODUCTION TO AUDIOLOGY

विषय कोड/Subject Code

P02 - T01

कोर्स कोड / Course Code

DHLS

ओएमआर विषय कोड /

17111

ओएमआर कोर्स कोड / **OMR** Course code

0801

OMR Subject Code

अवधि / Duration

3 ਬਂਟੇ / hours

दिनांक / Date

20.06.2025

अधिकतम अंक/Max. Marks

70

SECTION - I

STATE TRUE OR FALSE (All questions are compulsory) Q. I (a)

 $(7 \times 1 \text{ m} = 7 \text{ marks})$

- The Eustachian tube helps to equalize pressure between the middle ear and the (1) environment.
- The stapes is the largest bone in the ear. (2)
- Utricle and Saccule are part of vestibular system of the inner ear. (3)
- Screening pregnant women for infections like syphilis and rubella is a primary (4) prevention measure to reduce the risk of congenital hearing loss.
- Hearing loss caused by aging is preventable with medication. (5)
- Air conduction testing in pure tone audiometry is done at frequencies 250 Hz to 12 (6)KHz.
- Oval window is located in the inner ear. (7)

MULTIPLE CHOICE QUESTIONS (All questions are compulsory) Q. I (b)

 $(7 \times 1 \text{ m} = 7 \text{ marks})$

- Which is a middle ear bone? (01)
 - Stapes (a)

Mallues

(b)

- All of the above (d)
- Which type of audiogram pattern indicates noise-induced hearing loss? (02)
 - A flat audiogram
- Rising threshold at low frequencies
- A "notch" at 4000 Hz (b)
- Sloping threshold at high frequencies (d)
- The most suitable screening method for newborns is (03)
 - Rinne test (a)

- Otoacoustic emissions (OAE) (c)
- Pure-tone audiometry (b)
- Whisper test (d)
- Which infection during pregnancy is a known cause of congenital hearing loss? (04)
 - Influenza (a)

Chickenpox (c)

(b) Rubella

- **Tuberculosis** (d)
- Which part of the inner ear is responsible for maintaining balance and equilibrium? (05)
 - Cochlea (a)

- Oval window
- Semicircular canals (b)
- Eustachian tube (d)

	(06	6) The (a) (b)	primary auditory corte Frontal lobe Temporal lobe	ex is located in	which (c) (d)	lobe of the bra Parietal lobe Occipital lobe	in?
	(07	⁷) Whi	ch of the following is th	ne correct segu	Jence	for sound transi	mission in the car?
		(a) (b) (c) (d)	Tympanic membrane Ear canal → Cochlea Ossicles → Tympanic Cochlea → Tympanic	e → Ossicles – a → Tympanic c membrane –	→ Coc memi → Coc	hlea → Auditory orane → Ossicle hlea → Auditory	/ nerve
				SECTION II			
Q. II (a)			NONE WORD (All quest			y)	(4 x 1 m = 4 marks)
	(1)		e of normal human hea			4	·
	(2)		the reflex where the b of the foot is stroked fro	nn neer to toe.		A	er toes fan out if the
	(3)		media causes				•
	(4)	_	cretion in the ear canal		pland r	named	
Q. II (b)			ONE OR TWO SENTENC	•	2300m H	•	(5 x 2 m = 10 marks)
	(1)		re the psychological co				
	(2)	What a	re Ling six sounds and	I their frequenc	cy cor	relates?	
	(3)	What is	functional hearing los	s?			
	(4)	What is	UCL (Uncomfortable (evels) on audi	iogran	1?	
	(5)	What ar	re the levels of prevent	lion?			
	(6) (7)		podman's classification einforcement audiome			.	
				SECTION III	WHIC	n age range and	1 why?
Q. III V	VRITE S	SHORT N	ÓTES (ANY 4 OUT OF				// M
		. A	sensorineural hearing				(4 x 5 m = 20 marks)
(2		Zarie S	ing fork test.	1000			
(3			fication and interventio	n of hearing lo	ารร		
(4			eening in school childr				
(5			of hearing				
Q. IV	MDITE	IN DETA	s.	SECTION IV			
!			ANY ONE				(10 m = 10 marks)
	(8	a) Desc inter	cribe the procedure for preted?			ne audiogram. I	low is audiogram
	(b) Expl	ain anatomy and physi	OF iology of inner	ear.		
((2) A		ANY ONE			/1 v	: 12 m = 12 marks)
	(a) Expla	ain in detail the factors	affecting hear	ing ev	/aluation.	······································
	(b		uss different types of a	OR	!		

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DIPLOMA IN HEARING LANGUAGE AND SPEECH (DHLS) (REV)

PAPER - DHLS 2: INTRODUCTION TO SPEECH AND LANGUAGE PATHOLOGY

विषय कोड/Subject Code : P02 - T02 ओएमआर विषय कोड / : 17112 OMR Subject Code दिनांक / Date : 21.06.2025			9. C	कोर्स कोड / Course Code ओएमआर कोर्स कोड / OMR Course code अवधि / Duration अधिकतम अंक/Max. Marks			:	DHLS 0801 3 ਬਂਟੇ / hours 70		
							:			
=====			:========	======= S	SECTION -	===== -				
Q. I (a)	STA	TE TRI	JE OR FALS	E (All que	stions are	comp	ulsory)		(7 x	1 m = 7 marks)
	(1)	Werni	cke's area is	situated in	the Tempo	ral lob	e. €			
	(2)	Substi	itution is an a	rticulation o	disorder. ົ	1				
	(3)	Speed	ch is an overla	aid function	. 4					
	(4)	Sign la	anguages do	not have g	rammar.					
	(5)	_	ology deals	with the s	system of	rules	for the struc	ture	of a	sentence in a
	(6)	Lungs	are a part of	respiratory	y system.	1				
	(7)	Speed	ch Intelligibilit	y can be m	easured.					
Q. I (b)	MUL.	TIPLE (CHOICE QUE	ESTIONS (All questi	ons ar	e compulso	ry)	(7	x 1 m = 7 marks)
	(01)	Spee (a) (b)	ch is describ adjunct accessory	ed as an	functi	on. (¢) (d)	overlaid complemer	ntary		
	(02)	This (a)	is an active a Tongue	rticulator . (b) Tee		Both	(a) and (b)	(d)	Not	ne of the above
	(03)	Place	e of articulation	on of sound	l /m/ is					
		(a) (b)	Dental Palatal			(d) (c)	Alveolar Bilabial			
	(04)	Apha (a) (b)	isia is a Articulation Language	disord	der.	(c) (d)	Fluency Voice			
	(05)	Babb (a) (b)	oling is seen i 1-2 months After 1 year	n the age o	of	(c) (d)	2-3 years 4- 6 month	s		
	(06)	A chi (a) (b)	ld says up fo Addition Distortion	r cup is a d	isorder of	(c) (d)	Omission Substitution	า		

(07)Linguistic Profile Test is an assessment tool for (d) All of the above Voice Language Articulation (c) (b) **SECTION II** $(4 \times 1 \text{ m} = 4 \text{ marks})$ ANSWER IN ONE WORD (All questions are compulsory) State two characteristics of autism spectrum disorders (1) Name any suprasegmental aspect of speech. (2) Name a voice disorder. (3) List any one cause of delayed speech and language in children. (4) ANSWER IN ONE OR TWO SENTENCES (ANY 5 OUT OF 7) $(5 \times 2 \text{ m} = 10 \text{ marks})$ Parameters of language Types of communication (2)Any two standardized language tests used for children. (3)(4) Neurons Fluency disorders (5)Speech chain (6)Functions of respiratory system in speech production (7)**SECTION III** $(4 \times 5 \text{ m} = 20 \text{ marks})$ WRITE SHORT NOTES (ANY 4 OUT OF 5) (1) Link between hearing and language. (2) Process of phonation Cerebral Palsy. (3)(4) Pre-requisites for communication Physiology of articulation and its role in speech. (5) **SECTION IV** WRITE IN DETAIL **ANSWER ANY ONE** $(1 \times 10 \text{ m} = 10 \text{ marks})$ Discuss normal acquisition & development of language-speech & factors (a) affecting acquisition of language-speech. OR Describe the anatomy and physiology of the speech mechanism in brief. **ANSWER ANY ONE** $(1 \times 12 \text{ m} = 12 \text{ marks})$ Discuss disorders of speech, causes, general characteristics & symptoms of

Q. II (a)

Q. II (b)

Q. III

Q. IV

(b) Discuss tools used for assessment of speech disorders with recent advancements in assessment.

OR

speech disorders.

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DIPLOMA IN HEARING LANGUAGE AND SPEECH (DHLS) (REV)

PAPER - DHLS 3: MANAGEMENT OF COMMUNICATION DISORDERS - 1

विषय कोड/Subject Code :

P02 - T03

कोर्स कोड / Course Code

DHLS

ओएमआर विषय कोड / :

17113

ओएमआर कोर्स कोड /

0801

OMR Subject Code

OMR Course code

3 ਬਂਟੇ / hours

अवधि / Duration

दिनांक / Date

23.06.2025

अधिकतम अंक/Max. Marks

70

SECTION - I

Q. I (a) STATE TRUE OR FALSE (All questions are compulsory)

 $(7 \times 1 \text{ m} = 7 \text{ marks})$

- Cued Speech is the same as sign language (1)
- (2)The receiver delivers the amplified sound into the ear canal.
- (3)Auditory training is only beneficial for new hearing aid users.
- (4) Trouble-shooting hearing aids always requires professional intervention.
- (5)Inclusive education aims to integrate children with hearing impairments into mainstream schools.
- (6)Factors affecting auditory training are the same for everyone.
- Hearing aid is a cure for hearing loss & (7)

MULTIPLE CHOICE QUESTIONS (All guestions are compulsory) Q. I (b)

 $(7 \times 1 \text{ m} = 7 \text{ marks})$

- (01)The ear mold in a hearing aid serves to
 - Amplify sound (a)

- Customize the fit and direct sound (G) into the ear
- Block out background noise (b)
- Power the hearing aid (d)
- (02)Which of the following is a key principle of speech reading?
 - Focusing solely on auditory (a) information
- (c) Using lip movements, gestures, and facial expressions
- Relying only on hearing aids
- Avoiding eye contact (d)
- (03)Which of the following is a key advantage of using a "Receiver-in-the-canal" (RIC) ∕heåring aid?
 - (a) > It is the most visible type of hearing aid.
 - The receiver is placed in the ear canal, providing more natural sound quality.
 - (c) It is the least expensive type of hearing aid.
 - It requires no maintenance. (d)
- (04)In auditory training, what is the purpose of using games and activities?
 - To distract from the training (a)
 - To make learning enjoyable while enhancing auditory skills (b)
 - (c) To replace formal training
 - (d) To focus only on visual skills
- (05)Which of the following is an essential factor when selecting hearing aids for an individual?
 - Only the appearance of the device (a)
 - The individual's lifestyle, hearing loss degree, and budget (b)
 - (c) The device's size, regardless of its features
 - (d) Choosing the least expensive option without considering other factors

- (06) What is one of the key principles of auditory training?
 (a) Focus on visual learning alone
 (b) Start with simple sounds and gradually progress to complex tasks
 (c) Avoid using any auditory stimuli
 (d) Use only recordings in quiet environments
 (07) Which of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following educational tools can support the learning of control of the following education in the following education
- (07) Which of the following educational tools can support the learning of children with hearing impairments?
 - (a) Visual aids such as pictures, charts, and videos
 - (b) Exclusively auditory learning materials
 - (c) Silence during lessons
 - (d) Elimination of physical activity in classrooms

SECTION II

Q. II (a) ANSWER IN ONE WORD (All questions are compulsory)

 $(4 \times 1 \text{ m} = 4 \text{ marks})$

- (1) is responsible for capturing sound waves and converting them into electrical signals
- (2) What powers a hearing aid?
- (3) Name one factor affecting auditory training.
- (4) What influences speech reading effectiveness?

Q. II (b) ANSWER IN ONE OR TWO SENTENCES (ANY 5 QUT OF 7) $(5 \times 2 \text{ m} = 10 \text{ marks})$

- (1) What factors can influence the effectiveness of auditory training in individuals with hearing loss?
- (2) Why is it important to keep hearing alds dry and clean?
- (3) What materials are needed for auditory training?
- (4) Why is fitting and maintenance of ear molds important?
- (5) Why is troubleshooting important for hearing aid maintenance?
- (6) How often should hearing aid batteries be replaced?
- (7) What is mainstreaming?

SECTION III

Q. III WRITE SHORT NOTES (ANY 4 OUT OF 5)

 $(4 \times 5 m = 20 marks)$

report

- (1) What are the main types of hearing aids, and how do they differ in terms of design and function?
- (2) Why is auditory training important for individuals with hearing aids or cochlear implants?
- (3) Explain how barrier free environment can be provided in inclusive schools?
- (4) Write small note on any two Government scheme for welfare of the disabled child.
- (5) What is the role of speech and hearing professionals in the education of children with HI?

SECTION IV

Q. IV WRITE IN DETAIL

(1) ANSWER ANY ONE

DEFEC

 $(1 \times 10 \text{ m} = 10 \text{ marks})$

(a) Define Auditory training. Explain its stages and different activities used to achieve those stages.

OR

(b) Explain cued speech and speech reading. Discuss different factors which affect these two.

(2) ANSWER ANY ONE

 $(1 \times 12 \text{ m} = 12 \text{ marks})$

(a) What factors can influence the effectiveness of auditory training in individuals with hearing loss?

OR

(b) Describe the educational problem faced by children with HI.

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DIPLOMA IN HEARING LANGUAGE AND SPEECH (DHLS) (REV)

PAPER - DHLS 4: MANAGEMENT OF COMMUNICATION DISORDERS - 2

DHLS P02 - T04 कोर्स कोड / Course Code विषय कोड/Subject Code : ओएमआर विषय कोड / ओएमआर कोर्स कोड / 0801 17114 **OMR** Course code **OMR Subject Code** 3 ਬਂਟੇ / hours अवधि / Duration 24.06.2025 अधिकतम अंक/Max. Marks 70 दिनांक / Date SECTION - I STATE TRUE OR FALSE (All questions are compulsory) $(7 \times 1 \text{ m} = 7 \text{ marks})$ Q. I (a) Breathing exercises are not a part of voice therapy techniques. Early identification of communication disorders helps in secondary prevention. (2)Speech therapy is not beneficial for individuals with cerebral palsy. (3)Intellectual disability therapy only addresses academic skills. (4) Fluency therapy can help individuals with cluttering as well as stuttering. (5)Medical assessment is a part of the disability certification process. (6)Phonemic awareness is not a part of articulation therapy. (7)**MULTIPLE CHOICE QUESTIONS (All questions are compulsory)** $(7 \times 1 \text{ m} = 7 \text{ marks})$ Q. I (b) Voice therapy can be beneficial for individuals with which condition? (01)Broken bones Astigmatism (a) Vocal cord nodules Migraines (b) (d) Who generally issues disability certification? (02)Private companies Educational institutions (c) (a) Community organizations Government authorities (d) _(b) What aspect of communication is often addressed in speech therapy? (03)Vision Muscle strength (c) Vocabulary and grammar Balance (d) (b) Speech therapy for hearing loss often includes training in which of the following (04)areas? Visual arts Financial management (a) (c) Auditory training and Physical exercises (d) (b) speech reading How does Indian Sign Language differ from spoken languages? (05)It is solely auditory (a) It is only written (b) It uses sound waves for communication

> What aspect of communication might be addressed through counseling in speech (06)therapy?

Artistic skills (a)

(c)

(d)

Emotional reactions to communication (c) difficulties

Financial planning (b)

It relies on visual-manual modality

Weight management (d)

	(07)	Wha	at aspect of speech is targeted	d during ar	ticulation the	apy?
		(a)	Pronunciation of specific sounds	(c)	Balance	
		(b)	Physical endurance	(d)	Vision	
			SECT	TON II		
Q. II (a)	ANS	SWER I	N ONE WORD (All questions	s are com	pulsory)	(4 x 1 m = 4 marks)
	(1)	What	common symptoms might req	uire voice	therapy?	
	(2)	How r	nany disabilities are included	in RPwD A	ct? 01	
	(3)	What	skill is crucial for understandir	ng spoken	or written lan	guage?
	(4)	What	speech characteristic is addre	ssed in the	erapy for stut	tering?
Q. II (b)	ANS	SWER II	N ONE OR TWO SENTENCE	S (ANY 5	OUT OF 7)	(5 x 2 m = 10 marks)
	(1) (2) (3) (4) (5) (6) (7)	What What What What Why is	is UDID card? are therapeutic goals? is speech therapy? is Finger spelling? are fluency disorders? s early Identification important any two characteristics of intel		ability	
	-		séci			
			OLO1	ION III		
Q. III	WR	ITE SHO	ORT NOTES (ANY 4 OUT OF			(4 x 5 m = 20 marks)
Q. III Q. IV	(1) -(2) -(3) -(4) -(5)	Total of RPwD Preve	communication Act Intion of communication disord based training ral Palsy SECT	F 5)		(4 x 5 m = 20 marks)
	(1) -(2) -(3) -(4) -(5)	Total of RPwD Preve Home Cereb	communication Act Intion of communication disord based training ral Palsy SECT	5 5)		
	(1) -(2) -(3) -(4) -(5) WRIT	Total of RPwD Preve Home Cereb	communication Act Intion of communication disord based training ral Palsy SECT	F 5) der	•	(1 x 10 m = 10 marks)
	(1) -(2) -(3) -(4) -(5) WRIT	Total of RPwD Preve Home Cereb TE IN D (a) D (b) W	communication Act Intion of communication disord based training ral Palsy SECT ETAIL ER ANY ONE escribe the therapy plan and	F 5) ler ION IV technique		(1 x 10 m = 10 marks) r old child with intellectual
	(1) -(2) -(3) -(4) -(5) WRIT	Total of RPwD Preve Home Cereb TE IN D (a) D di (b) W th	communication Act Intion of communication disord based training ral Palsy SECT ETAIL ER ANY ONE escribe the therapy plan and sability. Vhat is voice therapy? Explain	F 5) ler ION IV technique		(1 x 10 m = 10 marks) r old child with intellectual
	(1) -(2) -(3) -(4) -(5) WRIT (1)	Total of RPwD Preve Home Cereb TE IN D (a) D di (b) W th	communication Act Intion of communication disord based training ral Palsy SECT ETAIL ER ANY ONE escribe the therapy plan and sability. I hat is voice therapy? Explain erapy.	technique OR different the	t nerapeutic ap e examples.	(1 x 10 m = 10 marks) r old child with intellectual oproaches related to voice
	(1) -(2) -(3) -(4) -(5) WRIT (1)	Total of RPwD Preve Home Cereb TE IN D di (b) W (a) E (b) W	CORT NOTES (ANY 4 OUT OF communication of Act intion of communication disorder based training ral Palsy SECT ETAIL ER ANY ONE escribe the therapy plan and sability. I hat is voice therapy? Explain lerapy. ER ANY ONE explain the steps of MIDVAS we hat is articulation disorder chniques for this disorder.	F 5) der ION IV technique OR different the contract of th	nerapeutic ap e examples.	(1 x 10 m = 10 marks) r old child with intellectual pproaches related to voice (1 x 12 m = 12 marks)

Q. IV	SHO	RT NOTES (ANY 3 OUT OF 5)	$(3 \times 3 \text{ m} = 9 \text{ marks})$
	(01)	Importance of self-learning in employability.	
	(02)	Importance of problem-solving skills.	
	(03)	Benefits of Online payments in offices.	
	(04)	Role of digital skills in the modern job market.	1
	(05)	Impact of effective communication on career gr	owth.
Q. V	WRITI	E IN DETAIL (ANY 3 OUT OF 5)	(3 x 5 m = 15 marks)
	(01)	Describe in detail, How teamwork contribute to or	ganizational success?
	(02)	Explain how learning English skills can improve a	n employee's work efficiency?
	(03)	What are the characteristics of effective communication and its types.	nunication? Explain importance of
	(04)	Discuss the major barriers to having diverse overcome those barrier.	work force. Suggest measures to
人	(05)	Explain the 21st Century employability Skills - kg	detail

S	SECTI	ON 'B' (60 / 70 / 80 MARKS, WITH A D	DURATION OF 3 HOURS)
INSTRI	JCTION		
* •	Marks	amination will be for <u>60 / 70 / 80 marks, with a durat</u> will be calculated in accordance with the weightage es : DCBR/DRT/DPO /DHLS/DHAEMT	ion of 3 hours. assigned in the syllabus.
Q. I	MUL	TIPLE CHOICE QUESTIONS (All questions are	compulsory) (4 x 1 m = 4 marks)
	(01)	Which act protects the rights of persons with (a) RCI Act (c)	
		(b) RPwD Act (d)	
	(02)	Which one of the following employability skills (a) Honesty (c)	
		(b) High Educational Achievement (d)	
	(03)	What do you mean by goal in the statement "	A goal is what you wish for from your
		(a) Wish + Money + Recommendation (c)	
		(b) Wish + Plan + Action (d)	Wish - Money + Recommendations
	(04)	Which is the most essential skill required for a Operator?	
		(a) Downloading an app (c) (b) Typing on a computer (d)	_
		(b) Typing on a computer (d)	i izpaining a computati

STATE TRUE OR FALSE (All questions are compulsory) $(4 \times 1 \text{ m} = 4 \text{ marks})$ Q. II (01)Employability skills focus only on technical skills. (02)Critical thinking is way of thinking to solve the problem. Inclusion is essential for happiness and growth at work for all staff including (03)divyangjan. (04)NALSA works only for PwDs. $(4 \times 1 \text{ m} = 4 \text{ marks})$ Q. III MATCH THE FOLLOWING (All questions are compulsory) (01)18th Century Electricity 2... (a) (02)19th Century Robots (b) 20th Century Steam engines 1 (03)(c) 21st Century Computers 2 (04)(d) ANSWER IN ONE WORD/SENTENCE (All questions are compulsory) $(6 \times 2 \text{ m} = 12 \text{ marks})$ Q. IV What do we call the way people share information with each other at work? (01)(02)Define diversity in the workplace. (03)Which skill helps a person to think clearly, solve problem and make good discussion at work? (04)What is digital literacy? What do we call the important skills like communication, teamwork and problem (05)solving that are needed to succeed in today's job? Full form of FAB (06)Q. V SHORT NOTES (ANY 6 OUT OF 8) $(6 \times 3 \text{ m} = 18 \text{ marks})$ Importance of self-learning in employability. (01)Importance of problem-solving skills. (02)Benefits of Online payments in offices. (03) (04)Role of digital skills in the modern job market.

- (05)Impact of effective communication on career growth.
- (06)Techniques for managing workplace stress.
- Decoding Interviews Do's and Don'ts of Interview. (07)
- List down Rights and Duties of an Indian Citizen. (80)

Q. VI WRITE IN DETAIL (ANY 2 OUT OF 4)

 $(2 \times 9 \text{ m} = 18 \text{ marks})$

- Describe in detail. How teamwork contribute to organizational success? (01)
- Explain how learning English skills can improve an employee's work efficiency? (02)
- What are the characteristics of effective communication? Explain importance of (03)communication and its types.
- Discuss the major barriers to having diverse work force. Suggest measures to (04)overcome those barrier.