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ROLL NUMBER

**WRITTEN TEST FOR THE POST OF SPEECH THERAPIST – A**

DATE : 29/06/2017

TIME : 09.30 AM

DURATION : 90 MINUTES

TOTAL MARKS : 80

**INSTRUCTIONS TO THE CANDIDATE**

1. Write your Roll Number on the top of the Question Booklet and in the OMR sheet.
2. Each question carries 1 mark.
3. There will not be any Negative Marking.
4. Darken only the bubble corresponding to the most appropriate answer.
5. Marking more than one answer will invalidate the answer.
6. Candidate should sign on the question paper and OMR sheet.
7. Candidate should hand over the question paper and OMR sheet to the invigilator before leaving the examination hall.

Signature of the Candidate

WRITTEN TEST FOR THE POST OF SPPECH THERAPIST - A

1. The Broca's area  
A. 41, 42                      B. 43, 42                      C. 44, 45                      D. 46, 47
2. For typically developing children, the most common substitution for a prevocalic liquid is  
A. Another Liquid                      C. Front Vowel  
B. Glide                      D. Rounded Vowel
3. Velopharyngeal inadequacy may compromise the ability to build up intra-oral air pressure during speech. Which consonant sound will be most noticeably affected?  
A. /j/                      B. /r/                      C. /m/                      D. /s/
4. For typically developing children, cooing begins at  
A. 1-3 months                      C. 6-9 months  
B. 4-6 months                      D. 9-10 months
5. The set of inflected forms taken by a single word  
A. Phoneme                      C. Lexeme  
B. Morpheme                      D. Lexama
6. Which type of articulation error occurs when lisped—sounds "slushy" is said for "sun"  
A. Substitution                      C. Distortion  
B. Omission                      D. Addition
7. Polyps results due to long-term  
A. Vocal abuse                      C. Vocal Abuse and Misuse  
B. Vocal Misuse                      D. none of these
8. Movement of the head, facial grimacing, and other body movements are few examples for  
A. Coping mechanism                      C. Prolongation  
B. Interjections                      D. Secondaries
9. Early signs for autism can be suspected  
A. Does not respond to name call                      C. No babbling  
B. Lack of eye contact                      D. All of these
10. Surgical correction of the cleft of the lip can be done at  
A. 1 - 2 months                      C. 3 - 4 months  
B. 2 - 5 months                      D. 4 - 6 months
11. Damage to the cerebellum results in  
A. Spastic cerebral palsy                      C. Flaccid cerebral palsy  
B. Ataxic cerebral palsy                      D. None of these
12. Dysphagia to both solids and liquids occurs due to  
A. Motility problem                      C. Both A and B  
B. Mechanical obstruction                      D. None
13. Progressive Supranuclear Palsy is the most frequent form of  
A. Cerebral Palsy                      C. Asperger's  
B. Autism Spectrum disorder                      D. Parkinsonism

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14. Problems with day-to-day memory, concentrating, planning organizing, orientation are the symptoms for
- A. CP  
B. Autism  
C. Dementia  
D. None of these
15. The first format frequency for /a/ sound
- A. 1200Hz  
B. 710 Hz  
C. 210 Hz  
D. 512 Hz
16. When we remove something in order to decrease a behavior then its .....type of reinforcement
- A. Positive  
B. Negative  
C. Extinction  
D. Tangible
17. ALD can be used to assess the language age of children from
- A. 0 - 3 yrs  
B. 0 - 6 yrs  
C. 0 - 7 yrs  
D. None of these
18. Communication Board can be used to facilitate
- A. Receptive language  
B. Expressive language  
C. Both A and B  
D. None of these
19. A method of assembling an utterance motor plan by retrieving motoa plan stored in the memory is designated by Hedge(2005) as
- A. Speech Synthesis  
B. Speech concatenation  
C. Articulation Network  
D. None of these
20. I feel better if i check everytime is a ..... sentence
- A. Descriptive  
B. Control  
C. Directive  
D. Perspective
21. Parsing involves the process of assigning a/an \_\_\_\_ structure to words.
- A. Semantic  
B. Allophonic  
C. Syntactic  
D. Allegorical
22. The spectrogram of dysarthric speakers is characterized by
- A. spirantization  
B. diminished acoustic contrasts  
C. faster F2 transition  
D. both A and B
23. The idea of "inner speech" is the contribution of
- A. Lev Vygotsky  
B. Jean Piaget  
C. Benjamin Whorf  
D. None of the above
24. Punjabi is a
- A. Tonal language  
B. Nontonal language  
C. Part of Munda language family  
D. Non-stressed language
25. The most common cause of dementia is
- A. Head injury  
B. Alzheimer's disease  
C. Cerebrovascular disease  
D. HIV
26. On which of the following chromosomes is there a genetic abnormality that is associated with an increased risk of late-onset Alzheimer's disease?
- A. chromosome 4  
B. chromosome 14  
C. chromosome 19  
D. chromosome 21

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27. Often the first signs of neurological disorders are deficits in basic cognitive functions and also deficits in skills that involve problem-solving, planning and engaging in goal-directed behaviour. These types of functions are known as
- A. Directive functions
  - B. Executive functions
  - C. Management functions
  - D. Slave functions
28. Autism spectral disorders (ASD) are associated with other medical conditions such as \_\_\_\_\_.
- A. AIDS
  - B. fragile X syndrome
  - C. pituitary tumor
  - D. type 1 diabete
29. Prior to selection of a augmentative communication system, fine motor control is carefully assessed to determine:
- A. The minimum physical size of a target vocabulary item.
  - B. The type of vocabulary used (i.e. pictures versus letters).
  - C. The method of vocabulary manipulation (sentence versus one-word responses).
  - D. Method of output (voice or printed or visual display)
30. A young infant will typically stick out the tongue when the tip is touched. This is known as the
- A. rooting reflex
  - B. suckling reflex
  - C. sucking reflex
  - D. tongue protrusion reflex
31. One of the most common features of neurological disorders are Language deficits and are collectively known as
- A. Dysphasias
  - B. Alogias
  - C. Anomias
  - D. Aphasias
32. Reading Disorder is a developmental disorder and is characterised by reading achievement (e.g. accuracy, speed and comprehension) being significantly below standards expected for which of the following
- A. Chronological age
  - B. IQ
  - C. Schooling experience
  - D. All of the above
33. Which of the following may occur in Expressive Language Disorder?
- A. Limited amount of speech
  - B. Difficulty learning new words
  - C. Difficulty finding the right word
  - D. All of the above
34. Phonemic awareness contributes most to the development of phonics skills in beginning readers by helping them
- A. Recognize different ways in which one sound can be represented in print
  - B. count the number of syllables in a written word
  - C. identify in spoken language separate sounds that can be mapped to letters
  - D. understand the concept of a silent letter

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35. The notion of "semantic network of concept nodes" is part of \_\_\_\_\_ model of semantic memory
- A. Paivio's dual coding model
  - B. Spreading activation model
  - C. The Organized Unitary Content Hypothesis (OUCH) Model
  - D. Modality specific model
36. Stuttering is a disturbance in the normal fluency and time patterning of speech that is inappropriate for the individual's age. It involves which of the following?
- A. Frequent repetitions or prolongations of sounds
  - B. Pauses within words
  - C. Filled or unfilled pauses in speech
  - D. All of the above
37. The diagnostic checklist for diagnosing autism in children aged 16 to 48 months is \_\_\_\_\_
- A. CAST
  - B. MCHAT
  - C. GADS
  - D. CHAT
38. The neurological fibres for the central auditory pathway have a major decussation at the:
- A. Substantia nigra
  - B. lateral lemniscus
  - C. superiorolivary complex
  - D. basal ganglia
39. Which is the most effective intervention strategy for students with communication disorders?
- A. reading to oneself in the classroom
  - B. reading to others in the classroom
  - C. using a combination of strategies
  - D. socially interacting with peers
40. When the individual is be unable to recognise everyday objects and name them correctly, this is known as
- A. Prosopagnosia
  - B. Anomia
  - C. Agnosia
  - D. Aphosonomia
41. Melodic intonation therapy (MIT) is generally considered most appropriate for a client with which of the following?
- A. Broca's aphasia
  - B. Conduction aphasia
  - C. Transcortical sensory aphasia
  - D. Global aphasia
42. Which of the following is typical social communication behavior for a child aged 3-5 years?
- A. Begins code-switching and uses simpler language when talking to younger children
  - B. Uses narratives characterized by causally sequenced events
  - C. Uses language with the intent to persuade others and change their opinions
  - D. Uses single words to express intention
43. Which of the following is a technique used to address stuttering?
- A. Purposeful speech
  - B. Practical speech
  - C. Delayed speech
  - D. Prolonged speech

44. Aspiration during the swallow occurs because of:
- A. Poor cricopharyngeal opening
  - B. reduced velopharyngeal closure
  - C. decreased retroflexion of the epiglottis
  - D. bolus stasis in the valleculae
45. Which of the following is not a symptom of Parkinson's disease?
- A. early memory loss
  - B. tremors
  - C. muscle rigidity
  - D. an inability to initiate movement
46. Which of the following is not a common deficit that occurs in dementia?
- A. amnesia
  - B. alogia
  - C. apraxia
  - D. aphasia
47. Which of the following types of fibers facilitates communication between the right and left hemispheres by connecting cortical areas in the two hemispheres?
- A. Association
  - B. Commissural
  - C. Efferent
  - D. Afferent
48. In DSM-IV-TR intellectual disabilities are divided into a number of degrees of severity, depending primarily on the range of IQ score provided by the sufferer. One of these is Mild Mental Retardation, corresponding to an IQ score between:
- A. 60-65 to 80
  - B. 40-55 to 60
  - C. 50-55 to 70
  - D. 70-75 to 90
49. Which muscle plays the greatest role in velopharyngeal closure?
- A. Palatoglossus
  - B. Levatorvelipalatini
  - C. Tensorvelipalatini
  - D. Superior pharyngeal constrictor
50. The client demonstrates newly learned behaviours outside of the clinical setting. What is this process called?
- A. expansion
  - B. generalization
  - C. externalization
  - D. stabilization
51. An SLP determines the mean length of utterance (MLU) of a language sample from a three-year-old child. Two weeks later, the SLP reevaluates the same sample and again determines the MLU. The extent to which the two scores are similar is most directly a function of the
- A. validity of the scores
  - B. reliability of the scores
  - C. skewness of the score distribution
  - D. speededness of the measure

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52. When the transmission of sound energy is blocked in the pharynx, an individual's resonance will sound:
- A. muffled
  - B. hypernasal
  - C. hyponasal
  - D. mixed (both hypernasal and hyponasal)
53. Prenatal exposure to \_\_\_\_\_ is thought to be associated with developing autism.
- A. alcohol
  - B. thalidomide
  - C. folic acid
  - D. risperidone
54. pH monitoring is used to assess:
- A. esophageal motility
  - B. achalasia
  - C. gastroesophageal reflux
  - D. esophageal strictures
55. In Alzheimer's disease, plaques are particularly common in the
- A. hippocampus
  - B. hypothalamus
  - C. brainstem
  - D. thalamus
56. All of the following are pathological brain changes that occur in Alzheimer's disease except:
- A. neurofibrillary tangles
  - B. loss of dendrites
  - C. shrunken ventricles
  - D. extensive cell death
57. "The sound signals are encoded in acoustic signals rather than enciphered in it" is the premise of
- A. Motor theory of speech perception
  - B. auditory theory
  - C. myoelastic voice production theory
  - D. Aerodynamic voice production theory
58. What do efficacy studies indicate is an effective treatment for preschool children who stutter?
- A. Parental verbal contingencies for fluent and stuttered speech
  - B. Stuttering modification for desensitization and speech control
  - C. Cognitive behaviour therapy for reduction of apprehension and avoidance
  - D. Parent training to implement good talking and listening rules
59. Slowing speech rate, heightening self-monitoring, and developing ability to encode language are some of the principles associated with treatment of
- A. aphasia
  - B. TBI
  - C. RHD
  - D. Cluttering
60. What is the usual lesion site for Broca's aphasia?
- A. Temporal lobe
  - B. Inferior frontal gyrus
  - C. Supramarginal gyrus
  - D. Angular gyrus
61. Which of the following procedures can be used to identify Down Syndrome prenatally?
- A. Amniocentesis
  - B. Amnioprolaxis
  - C. Amniophalaxi
  - D. Amniocalesis

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62. The proposition "examined a large number of birds and concluded all birds have wings" is an example of
- A. Inductive theory
  - B. deductive theory
  - C. metaphoric language
  - D. Idiomatic expression
63. For which of the following dysarthrias would intensive drill in overarticulation be contraindicated?
- A. Spastic dysarthria resulting from cerebrovascular accident
  - B. Flaccid dysarthria resulting from myasthenia gravis
  - C. Flaccid dysarthria associated with Bell's palsy
  - D. Ataxic dysarthria resulting from cerebellar damage
64. \_\_\_\_\_ are the building blocks of cognition and are internalized representations of the organizational structures of various events
- A. Schemas
  - B. Theories
  - C. Intentions
  - D. Ideas
65. The most recent edition of Stuttering Severity Index (SSI) is
- A. SSI 1
  - B. SSI 2
  - C. SSI 3
  - D. SSI 4
66. In line spectrum, the individual lines fall at
- A. logarithmic multiples of F<sub>0</sub>
  - B. Integer multiples of F<sub>0</sub>
  - C. mid and octave frequencies
  - D. all frequencies
67. Children with language based learning disabilities usually perform best on tasks involving
- A. Work retrieval
  - B. Nonsense syllable spelling
  - C. Semantic knowledge
  - D. Visual memory
68. The Apgar Test is a traditional way to screen for detection of a disability in a newborn. The test includes ranking the child on five traits, including heart rate, respiratory effort, muscle tone, gag reflex, and
- A. Mobility
  - B. Skin color
  - C. Grasping
  - D. Eyesight
69. The cerebral dominance theory as against environmental factors as the cause of stuttering was put forward by
- A. Wendell Johnson
  - B. Orton Travis
  - C. Bloodstein
  - D. Sheehan
70. Language is acquired only if the child has reason to communicate" symbolizes
- A. Psycholinguistic approach
  - B. Sociolinguistic approach
  - C. Cognitive approach
  - D. Operant approach
71. The angle between thyroid lamina in females is approximately
- A. 90°
  - B. 100°
  - C. 110°
  - D. 120°
72. Which of the following is the primary reason for using standardized norm-referenced instruments to assess communication function?
- A. To track progress on a session-by-session basis
  - B. To provide a comparison against a representative population
  - C. To develop a database for diagnostic purposes
  - D. To provide qualitative data for the assessment report



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73. The thyroid cartilage is composed of
- A. Elastic
  - B. Gelatin
  - C. Hyaline
  - D. both elastic and hyaline
74. Which of the following is a form of child abuse that is known to cause intellectual disability?
- A. Shaken baby syndrome
  - B. Abused child syndrome
  - C. Battered baby syndrome
  - D. Damaged infant syndrome
75. The \_\_\_\_\_ creates speech by drawing from a library of prerecorded units that are assembled into a desired message
- A. formant synthesis
  - B. time domain synthesis
  - C. concatenative synthesis
  - D. parametric synthesis
76. Many individuals with intellectual disabilities are conscientious and valued workers employed in which of the normal work environments. Individuals with more specific needs may need to pursue employment within
- A. Sheltered accommodation
  - B. Special workshops
  - C. Sheltered workshops
  - D. Special accommodation
77. Which of the following brain areas does not appear to be involved in ADHD?
- A. the frontal lobe
  - B. the occipital lobe
  - C. the caudate nucleus
  - D. the corpus callosum
78. The oropharyngeal dysphagia is more often seen in
- A. brainstem stroke
  - B. hemispheric stroke
  - C. RHD
  - D. none of the above
79. Having kindergarten children practice tracing the letters of the alphabet in sand is most appropriate for children who are having difficulty
- A. internalizing the alphabetic principle
  - B. recognizing that print carries meaning
  - C. understanding the relationship between spoken and written language
  - D. developing letter formation skills
80. Which of the following has NOT been identified as a psycholinguistic predictor of INCREASED efficiency of single word processing?
- A. More concrete words
  - B. Recent exposures to the word
  - C. Words that are more common in the language
  - D. Words acquired later in life

**SPEECH THERAPIST - A - ANSWER KEY (29/06/2017)**

1	C	31	D	61	A
2	B	32	D	62	A
3	D	33	D	63	B
4	A	34	C	64	A
5	C	35	B	65	B
6	C	36	D	66	B
7	A	37	B	67	D
8	D	38	C	68	B
9	D	39	C	69	B
10	D	40	C	70	B
11	B	41	A	71	D
12	A	42	A	72	B
13	D	43	D	73	C
14	C	44	C	74	A
15	B	45	A	75	C
16	C	46	B	76	C
17	C	47	B	77	B
18	C	48	C	78	A
19	B	49	B	79	D
20	C	50	B	80	D
21	C	51	B		
22	D	52	A		
23	A	53	B		
24	A	54	C		
25	B	55	A		
26	C	56	C		
27	B	57	A		
28	B	58	A		
29	A	59	D		
30	D	60	B		