

पुस्तिका में पृष्ठों की संख्या : 16
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प्रश्न पुस्तिका संख्या/
Question Booklet No.

Subject : Occupational Therapy & Others

समय : 02:30 घण्टे
Time : 02:30 Hours

अधिकतम अंक: 150
Maximum Marks: 150

प्रश्न पुस्तिका के पेपर की सील/पॉलिथिन बैग को खोलने पर प्रश्न पत्र हल करने से पूर्व परीक्षार्थी यह सुनिश्चित कर लें कि:-

- प्रश्न पुस्तिका संख्या तथा ओएमआर उत्तर पत्रक पर अंकित बारकोड संख्या समान है।
- प्रश्न-पुस्तिका एवं ओ.एम.आर. उत्तर-पत्रक के सभी पृष्ठ व सभी प्रश्न सही मुद्रित हैं। समस्त प्रश्न, जैसा कि ऊपर वर्णित है, उपलब्ध हैं तथा कोई भी पृष्ठ कम नहीं है/ मुद्रण त्रुटि नहीं है।

किसी भी प्रकार की विसंगति या दोषपूर्ण होने पर परीक्षार्थी वीक्षक से दूसरा प्रश्न पत्र प्राप्त कर लें। यह सुनिश्चित करने की जिम्मेदारी अभ्यर्थी की होगी। परीक्षा प्रारम्भ होने के 5 मिनट पश्चात् ऐसे किसी दावे/आपत्ति पर कोई विचार नहीं किया जायेगा।

On opening the paper seal /polythene bag of the Question Booklet before attempting the question paper the candidate should ensure that:-

- Question Booklet Number and Barcode Number of OMR Answer Sheet are same.
- All pages & Questions of Question booklet and OMR answer sheet are properly printed. All questions as mentioned above are available and no page is missing/misprinted.

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परीक्षार्थियों के लिए निर्देश

- 1 सभी प्रश्नों के उत्तर दीजिए।
- 2 सभी प्रश्नों के अंक समान हैं।
- 3 प्रत्येक प्रश्न का मात्र एक ही उत्तर दीजिये।
- 4 एक से अधिक उत्तर देने की दशा में प्रश्न के उत्तर को गलत माना जाएगा।
- 5 OMR उत्तर पत्रक इस परीक्षा पुस्तिका के अन्दर रखा है। जब आपको परीक्षा पुस्तिका खोलने को कहा जाए, तो उत्तर पत्रक निकाल कर ध्यान से केवल नीले बॉल पॉइंट पेन से विवरण भरें।
- 6 कृपया अपना रोल नम्बर ओ. एम. आर. उत्तर पत्रक पर सावधानी पूर्वक सही भरें। गलत रोल नम्बर भरने पर परीक्षार्थी स्वयं उत्तरदायी होगा।
- 7 प्रत्येक गलत उत्तर के लिए प्रश्न अंक का 1/3 भाग काटा जायेगा। गलत उत्तर से तात्पर्य अशुद्ध उत्तर अथवा किसी भी प्रश्न के एक से अधिक उत्तर से है।
- 8 प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं, जिन्हें क्रमशः 1, 2, 3, 4 अंकित किया गया है। अभ्यर्थी को सही उत्तर निर्दिष्ट करते हुए उनमें से केवल एक गोले अथवा बबल को उत्तर-पत्रक पर नीले बॉल प्वाइंट पेन से गहरा करना है।
- 9 यदि किसी प्रश्न में किसी प्रकार की कोई मुद्रण या तथ्यात्मक प्रकार की त्रुटि हो तो प्रश्न के हिन्दी तथा अंग्रेजी रूपान्तरों में से अंग्रेजी रूपान्तर मान्य होगा।
- 10 मोबाइल फोन अथवा इलेक्ट्रॉनिक यंत्र का परीक्षा हॉल में प्रयोग पूर्णतया वर्जित है। यदि किसी अभ्यर्थी के पास ऐसी कोई वर्जित सामग्री मिलती है तो उसके विरुद्ध आयोग द्वारा नियमानुसार कार्यवाही की जायेगी। चेतावनी: अगर कोई अभ्यर्थी नकल करते पकड़ा जाता है या उसके पास से कोई अनधिकृत सामग्री पाई जाती है, तो उस अभ्यर्थी के विरुद्ध पुलिस में प्राथमिकी दर्ज कराते हुए राजस्थान सार्वजनिक परीक्षा (अनुचित साधनों की रोकथाम) अधिनियम, 2022 तथा अन्य प्रभावी कानून एवं आयोग के नियमों-प्रावधानों के तहत कार्यवाही की जायेगी। साथ ही आयोग ऐसे अभ्यर्थी को भविष्य में होने वाली आयोग की समस्त परीक्षाओं से विवर्जित कर सकता है।

INSTRUCTIONS FOR CANDIDATES

- 1 Answer all questions.
- 2 All questions carry equal marks.
- 3 Only one answer is to be given for each question.
- 4 If more than one answers are marked, it would be treated as wrong answer.
- 5 The OMR Answer sheet is inside this Test Booklet. When you are directed to open the Test Booklet, take out the Answer Sheet and fill in the particulars carefully with **blue ball point pen only**.
- 6 Please correctly fill your Roll Number in O.M.R. Answer Sheet. Candidate will himself be responsible for filling wrong Roll No.
- 7 **1/3 part of the mark(s) of each question will be deducted for each wrong answer.** A wrong answer means an incorrect answer or more than one answers for any question.
- 8 Each question has four alternative responses marked serially as 1, 2, 3, 4. You have to darken only one circle or bubble indicating the correct answer on the Answer Sheet using **BLUE BALL POINT PEN**.
- 9 If there is any sort of ambiguity/ mistake either of printing or factual nature then out of Hindi and English Version of the question, the English Version will be treated as standard.
- 10 Mobile Phone or any other electronic gadget in the examination hall is strictly prohibited. A candidate found with any of such objectionable material with him/her will be strictly dealt as per rules.
Warning: If a candidate is found copying or if any unauthorized material is found in his/her possession, F.I.R. would be lodged against him/her in the Police Station and he/she would liable to be prosecuted under **Rajasthan Public Examination (Prevention of Unfair means) Act, 2022 & any other law applicable and Commission's Regulations.** Commission may also debar him/her permanently from all future examinations.

उत्तर पत्रक में दो प्रतियां हैं— मूल प्रति और कार्बन प्रति. परीक्षा समाप्ति पर परीक्षा कक्ष छोड़ने से पूर्व परीक्षार्थी उत्तर पत्रक की दोनों प्रतियां वीक्षक को सौंपेंगे, परीक्षार्थी स्वयं कार्बन प्रति अलग नहीं करें। वीक्षक उत्तर पत्रक की मूल प्रति को अपने पास जमा कर, कार्बन प्रति को मूल प्रति से कट लाईन से मोड़ कर सावधानी पूर्वक अलग कर परीक्षार्थी को सौंपेंगे। परीक्षार्थी कार्बन प्रति को अपने साथ ले जायेंगे।



1. Which of the following is not a preparatory task?
 - (1) Strength training with therabands
 - (2) Sorting towels on linen cart
 - (3) Opening and closing various sized jars
 - (4) Use of physical agent modalities
2. Dietz stages of cancer rehabilitation includes all, except -
 - (1) Supportive rehabilitation
 - (2) Restorative rehabilitation
 - (3) Preventive rehabilitation
 - (4) Compensatory rehabilitation
3. Vitamin synthesized De novo by metabolism in the body is -
 - (1) Pantothenic acid
 - (2) Folic acid
 - (3) Niacin
 - (4) Vit B₁₂
4. Which of the following muscle is not a part of superficial group of back muscles?
 - (1) Subscapularis
 - (2) Rhomboid minor
 - (3) Latissimus dorsi
 - (4) Trapezius
5. Which of the following is the correct definition of Locomotor Disability?
 - (1) A person's inability to fulfil his responsibilities
 - (2) A person's inability to participate in social activities
 - (3) A person's inability to perform daily activities
 - (4) A person's inability to execute distinctive activities associated with movement of self and objects resulting from affliction of musculoskeletal or nervous system or both
6. Which phase of sports injury rehabilitation represents functional integration?
 - (1) Phase one
 - (2) Phase two
 - (3) Phase three
 - (4) None of the above
7. Fastest way to resynthesize ATP during exercise is -
 - (1) Phosphocreatine breakdown
 - (2) TCA Cycle
 - (3) Glycogenolysis
 - (4) Glycolysis
8. Severe acute respiratory syndrome is caused by -
 - (1) H1N1
 - (2) RSV
 - (3) Parainfluenza virus
 - (4) Corona virus type
9. Purpose of Rehabilitation is -
 - (1) Minimize disability
 - (2) Minimize Handicap
 - (3) Lead to a useful life within his/her limitation
 - (4) All of the above
10. Which of the following is the ADL - focused Occupation-Based Neurobehavioral Evaluation?
 - (1) Activity card sort
 - (2) Amadottir Occupational Therapy Neurobehavioural Evaluation (A-One)
 - (3) Arm Motor Ability test
 - (4) The Assessment of Motor and Process skills (AMPS)
11. Expected complication in a patient of severe burn admitted to a hospital is -
 - (1) Cardiogenic shock
 - (2) Anaphylaxis
 - (3) Hypovolemic Shock
 - (4) Anaemia
12. Science that focuses on society, human social behaviour, pattern of social relationship, social interaction and aspects of culture associated with everyday life is -
 - (1) Psychiatry
 - (2) Sociology
 - (3) Anthropology
 - (4) Psychology
13. In Apoptosis -
 - (1) Plasma membrane is disrupted
 - (2) Invariably pathologic
 - (3) Cell size is enlarged
 - (4) Cellular content is intact

14. Which of the following is true regarding Gower's sign?
 (1) Patients with proximal weakness involving the pelvic girdle muscles
 (2) The patient usually assumes a four-point stance on knees and hands
 (3) Both 1 and 2
 (4) Seen in Facioscapulohumeral muscular dystrophy
15. Brodmann's area no. 4 of brain represents -
 (1) Primary sensory area (2) Premotor area
 (3) Primary motor cortex area (4) Sensory somatic association area
16. Rehabilitation surgeries done in patient with cerebral palsy includes all of the following, except -
 (1) Adductor tenotomy (2) Laminectomies
 (3) TA lengthening (4) Hamstring fractional lengthening
17. Which of the following is the best indicator of cardiopulmonary fitness?
 (1) Oxygen pulse (2) Maximum oxygen capacity
 (3) Respiratory quotient (4) Anaerobic threshold
18. Which of the following is true regarding neuropraxia?
 (1) Specific type of nerve injury where only the axon is physically disrupted, with preservation of the enveloping endoneurial and other supporting connective tissue structures
 (2) Complete disruption of the axon and all supporting connective tissue structure, whereby the endoneurium, perineurium, and epineurium are no longer in continuity
 (3) Severance of entire nerve
 (4) Mild degree of neural insult that results in blockage of impulse conduction across the affected segment
19. As per 'Maslow's self actualisation theory', which of the following is not a character of 'optimal people'?
 (1) Accepts conformity to the culture (2) Spontaneous, autonomous, Independent
 (3) In tune with themselves, their inner beings (4) Open to experience with full concentration and total absorption
20. Social problems of disabled -
 (1) Discrimination (2) Inadequate data and statistics
 (3) Poor implementation of policies and schemes (4) All of the above
21. Prevalence of sensory processing problems in autism spectrum disorder is -
 (1) 70-80% (2) 50-60%
 (3) 60-70% (4) 80-90%
22. Which of the following is the robotic device used for upper limb rehabilitation?
 (1) Lokomat (2) ARMin robot
 (3) MIT-MANUS (4) Both 2 and 3
23. Functional Independence Measure (FIM) has -
 (1) 18 activities (2) 15 activities
 (3) 10 activities (4) 20 activities
24. Asymmetrical Tonic Neck Reflex (ATNR) disappears at the age of -
 (1) 3 weeks (2) 3 months
 (3) 4 months (4) 15 months

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25. Work hardening is defined as -
- (1) Physical conditioning alone, which covers strength, aerobic fitness, flexibility, coordination and endurance and generally involves a single discipline
 - (2) Formal, multidisciplinary programs for rehabilitating an injured worker
 - (3) Addresses human performance and well being in relation to one's job, equipment, tools and environment
 - (4) Defines the actual demands of the job, whereas ergonomic evaluations and hazard assessment focus more on work practice and risk for injury secondary to postural or manual material-handling extremes or excesses
26. Special sensory components of cranial nerves are not associated with -
- (1) Vagus nerve
 - (2) Facial nerve
 - (3) Trigeminal nerve
 - (4) Olfactory nerve
27. Hand knee gait is commonly due to -
- (1) Weakness of hamstring muscle
 - (2) Weakness of quadriceps
 - (3) Weakness of plantar flexors
 - (4) Lack of balance on that side
28. Smallest functional spinal unit constitutes two vertebral bodies, disc, facet joints and ligaments at all vertebral levels, except -
- (1) C7-T1
 - (2) L5-S1
 - (3) C1-C2
 - (4) T12-L1
29. Which of the following is not an action of Tibialis Anterior?
- (1) Dorsiflexion of the foot
 - (2) Maintains lateral longitudinal arch of the foot
 - (3) Inversion of the foot
 - (4) Keep the leg vertical while walking on an uneven ground
30. Modified Rankin Scale level 2 devotes -
- (1) Slight disability
 - (2) Severe disability
 - (3) Moderate disability
 - (4) No significant disability
31. Autosomal recessive familial cancer syndrome is -
- (1) Tuberous sclerosis
 - (2) Ataxia-telangiectasia
 - (3) Cowden syndrome
 - (4) Neurofibromatosis
32. Dyslexia affects what -
- (1) Eating
 - (2) Reading and learning
 - (3) Being able to speak
 - (4) Ability to play sports
33. Preferred method of sterilisation for thermometer is -
- (1) Hot air oven
 - (2) Autoclave
 - (3) Gamma radiation
 - (4) Alcohol
34. What is true regarding Ground Reaction Force (GRF)?
- (1) An equal and opposite force that acts upward from the ground on the foot
 - (2) When the line of action of the GRF lies at a distance from the centre of rotation of a joint, it creates an external moment
 - (3) There is no GRF in swing phase
 - (4) All of the above
35. Which of the following are the quality of life measures used in a pediatric patient?
- (1) Pediatric Quality of Life Inventory (PedsQL) self-report and parent-proxy questionnaire
 - (2) Child Health Questionnaire (CHQ) self-report and parent-proxy questionnaire
 - (3) American Association Mental Deficiency Adaptive Behaviour Scale 35
 - (4) Both 1 and 2

36. Fluent speech is present in -
- (1) Global Aphasia (2) Wernicke's Aphasia
 (3) Dysarthria (4) None of the above
37. Speech and language pathologist helps the patient in the area of all, except -
- (1) Cognitive training (2) Swallowing assessment
 (3) Vestibular rehabilitation (4) Vocal re-education
38. Sensory integration frame of reference focuses on all except -
- (1) Tactile sensations (2) Proprioceptive sensations
 (3) Visual sensations (4) Vestibular sensations
39. Translation process is -
- (1) m-RNA is translated from 5' to 3' end (2) m-RNA is translated from 3' to 5' end
 (3) DNA is translated to m-RNA (4) An internuclear process
40. Enterotoxin superantigen related with staphylococcus aureus can cause -
- (1) Food poisoning (2) Toxic shock syndrome
 (3) Multiple sclerosis (4) All of the above
41. Which of the following models of motor learning is most often used for informing rehabilitation experts?
- (1) Mastos (2) Fitts and Posner's
 (3) McNevin (4) Haggard
42. Amputation through Elbow joint is -
- (1) Below elbow amputation (2) Elbow disarticulation
 (3) Krukenberg amputation (4) Transhumeral amputation
43. Main objective/s of community-based rehabilitation are -
- (1) Ensure that disabled people are able to maximise their physical and mental abilities, to access regular services and opportunities, and to become active contributors to the community and society at large
 (2) Activate communities to promote and protect the human rights of disabled people through changes within the community, for example, by removing barriers to participation
 (3) Identifying opportunities to alleviate the financial burdens faced by the family, such as the medication subsidy
 (4) Both 1 and 2
44. The range of motion of the subtalar joint in normal gait cycle includes inversion of approximately how many degrees?
- (1) 10 degrees (2) 20 degrees
 (3) 40 degrees (4) 30 degrees
45. Radial nerve injury at spiral groove represented by all, except -
- (1) Abnormal sensation in lateral aspect of the dorsum of hand (2) Wrist drop
 (3) Brachioradialis reflex is diminished or absent (4) Elbow extensors are involved
46. Which of the following assessment and intervention techniques are correctly matched?
- (1) Remedial retraining approach – Assessment of motor and process skills
 (2) Remedial retraining approach – Loewenstein Occupational therapy Cognitive assessment
 (3) Compensatory Rehabilitative approach – Ranchos Los Amigos scale
 (4) Compensatory Rehabilitative approach – Rivermead Behavioural Memory test

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47. Best test for screening of cervical cancer is -
(1) Pap smear (2) Exfoliative cytology
(3) Immunohistochemistry (4) Histology
48. A tap on the tendon of triceps posterior to the elbow test mainly -
(1) C₅ (2) C₇
(3) C₈ (4) C₆
49. All of the following statements regarding American College of Rheumatology classification of Global Functional Status in patients with Rheumatoid Arthritis are true, except -
(1) Class IV – Not able to perform usual self care, vocational, and avocational activities
(2) Class III – Able to perform usual self-care activities, but limited in vocational and avocational activities
(3) Class II – Able of perform usual self-care and vocational activities, but limited in avocational activities
(4) Class I – Completely able to perform usual activities of daily living
50. The frequency of involvement of foot joints in Charcot neuropathy, all of the following are correct, except -
(1) Tarsal – 24% (2) Interphalangeal – 40%
(3) Tarsometatarsal – 30% (4) Metatarsophalangeal – 30%
51. Glasgow Coma scale ranges from -
(1) 0-15 (2) 1-15
(3) 3-15 (4) None of the above
52. Rehabilitation management of burn survivors can be divided into four overlapping phases, all of the following are correct, except -
(1) Phase I: Acute care phase lasting more than 1 week (2) Phase IV: Reconstructive phase
(3) Phase III: Inpatient and outpatient rehabilitation phase (4) Phase II: Surgical and postoperative phase
53. All of the following are Lymphedema treatment strategies, except -
(1) Surgical treatment
(2) Compression garments and lymphedema wrapping techniques
(3) Gentle exercise paired with diaphragmatic breathing
(4) Manual lymphatic drainage, pneumatic compression, and Complete Decongestive Therapy (CDT)
54. Autism spectrum disorder -
(1) Typically appears in 1st year of life (2) Significantly affects person's ability to communicate
(3) Frequently associated with usual behaviour (4) All of the above
55. General fertility rate is -
(1) Live birth per one lakh reproductive age women per year (2) Live birth per 1000 reproductive age women per year
(3) Live birth per 1000 reproductive age women (4) Live birth per one lakh reproductive age women
56. Praxis is -
(1) Ability to conceive (2) Ability to plan
(3) Ability to organise (4) All of the above

57. Joint protection includes all, except -
 (1) Use weakest joints available (2) Avoid positions of deformity
 (3) Use joints in their most stable anatomic & functional plane (4) Respect pain
58. Bobath technique uses all, except -
 (1) Kinesthetic senses (2) Vestibular senses
 (3) Tactile senses (4) Proprioceptive senses
59. Which of the following are true regarding psychodynamic therapy?
 (1) Focuses on the impact that life events have on the way we experience current events, protect ourselves from anxiety, and interact with others
 (2) It uncovers factors that help explain why persons might engage in self-defeating behaviours
 (3) Emphasizes freedom, the option to choose, the courage to be, and the importance of meaning in life
 (4) Both 1 and 2
60. In Amyotrophic Lateral Sclerosis, all of the following are true, except -
 (1) Phase I – patient is completely independent (2) Phase III – patient is dependent
 (3) Phase II – patient is partially independent (4) Phase IV – patient is partially dependent
61. Which of the following best defines the mid stance phase of the gait cycle?
 (1) From flat foot position until the opposite foot is off the ground for swing
 (2) From initial contact of the opposite foot and ends with ipsilateral toe-off
 (3) From the time the opposite foot is lifted until the ipsilateral tibia is vertical
 (4) None of these
62. Percentage of disability in stroke is calculated using -
 (1) McGill Stroke Scale (2) Modified Rankin Scale
 (3) Modified Barthel Scale (4) Disability Rating Scale
63. Which of the following are components of cognitive behavioral therapy in attention deficit hyperactivity disorder?
 (1) Task analysis and anticipation of difficulties (2) Exploration and selection of task specific strategies
 (3) Application of the strategy of the task and its effectiveness (4) Modeling, role-playing, and self-instruction
64. The centre of gravity of body is located -
 (1) 5 cm in front of S₁ vertebrae (2) 5 cm in front of lumbosacral junction
 (3) 5 cm anterior to S₂ vertebrae (4) 5 cm posterior to body of S₂ vertebrae
65. Psyllium belongs to which category of drugs used for constipation?
 (1) Osmotic purgatives (2) Stimulant purgatives
 (3) Stool softener (4) Bulk forming
66. For a person with low back pain, what is the best advice that an Occupational therapist gives?
 (1) Maintain a high chair (2) Take breaks every 1 hour
 (3) Maintain the hips and knees at 120 degree angle (4) Change position every 30 minutes
67. After total shoulder replacement -
 (1) Avoid shoulder internal rotation past 30° (2) Avoid shoulder extension past 15°
 (3) Avoid shoulder internal rotation past 15° (4) Avoid shoulder extension past 30°



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68. Psychological issues seen after burn injury -
 (1) PTSD (2) Adjustment disorder
 (3) Depression (4) All of the above
69. After injury, proliferation phase of wound healing starts on -
 (1) 3rd day (2) 3rd week
 (3) 3rd month (4) None of the above
70. Which of the following is true regarding Finkelstein test?
 (1) It is done for de Quervain's tenosynovitis (2) It is done for Lateral epicondylitis
 (3) It is done for scapholunate stability (4) It is done for ligamentous laxity in hand
71. First carpo metacarpal joint is a type of which joint?
 (1) Ball and socket joint (2) Ellipsoid joint
 (3) Saddle joint (4) Pivot joint
72. United Nations General Assembly adopted its convention on the Rights of Persons with Disability on -
 (1) 4th July, 1996 (2) 13th December, 2006
 (3) 1st October, 2007 (4) 4th July, 1995
73. Live attenuated vaccine is -
 (1) BCG (2) HBV
 (3) Rabies (4) Influenza
74. Minimum percentage in "Rule of Nine" is given to -
 (1) Lower back (2) Head
 (3) Hand (4) Genitals
75. Which of the following is the most commonly and specifically used measure to assess the clinical status in Multiple Sclerosis?
 (1) Kellgren Lawrence scale (2) FAM
 (3) FIM (4) Kurtzke's Expanded Disability Status Scale
76. All of the following are indications of posterior leaf spring AFO, except -
 (1) To treat stance phase second rocker deficiencies as they can control dynamic equinus in stance
 (2) To maintain knee extensor couple
 (3) Prevent drop foot in swing phase and ensure appropriate prepositioning of the foot for initial contact
 (4) They facilitate the storage of energy
77. 1988 Revised American Rheumatism Association Criteria for Classification of Rheumatoid Arthritis diagnostic criteria, which of the following statement/s is correct?
 (1) Morning stiffness in and around the joints lasting at least 30 mins before maximal improvement
 (2) At least 3 joint areas simultaneously having soft tissue swelling or fluid (not bony overgrowth alone) observed by a physician (the 14 possible joint areas [right or left] PIP, MCP, wrist, elbow, knee ankle, and MTP joints)
 (3) Both 1 and 2
 (4) At least 2 joint areas swollen as above in wrist, MCP or PIP joint
78. What describes a Boutonniere deformity?
 (1) Flexion of MCP, PIP and DIP joints (2) Flexion of PIP joints with extension of DIP joints
 (3) Extension of PIP joints with flexion of DIP joints (4) Extension of MCP and PIP joints with flexion of DIP joints



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79. What is Toe-touch-weight bearing technique, which is practiced after knee and hip replacement?
- (1) No weight at all can be placed on the extremity involved
 - (2) Only the toe can be placed on the ground to provide some balance while standing - 90% of the weight is still on the unaffected leg
 - (3) Only 50% of the person's body weight can be placed on the affected leg
 - (4) Clients are allowed to judge how much weight they are able to put on the affected leg without causing pain that may limit function
80. Which of the following is the primary outcome measure of OT services in Alzheimer's disease?
- (1) Katz Activities of Daily Living Scale
 - (2) Functional Behaviour Profile
 - (3) Instrumental Activities of Daily Living Scale
 - (4) The Activities of Daily Living Inventory
81. Sarcomere includes -
- (1) I band + 2 (half of A band)
 - (2) Only A band
 - (3) Only I band
 - (4) A band + 2 (half of I band)
82. What is the correct definition of light work?
- (1) Exerting up to 20 lb of force occasionally, up to 10 lb of force frequently, or a negligible amount of force constantly to move objects
 - (2) Exerting up to 10 lbs of force occasionally
 - (3) Exerting 20 to 50 lbs of force occasionally, 10-25 lb of force frequently, or greater than negligible and up to 10 lb of force constantly to move objects
 - (4) Exerting 50-100 lb of force occasionally, 25-50 lb of force frequently or 10-20 lb of force constantly to move objects
83. Which of the following types of cerebral palsy is most common?
- (1) Flaccid
 - (2) Spastic
 - (3) Hemiparetic
 - (4) Dyskinetic
84. How much energy is required by a person to walk with crutches or braces?
- (1) 6-7 MET
 - (2) 7-8 MET
 - (3) 3-4 MET
 - (4) 4-5 MET
85. Clinical presentation of Cauda Equina Syndrome are all, except -
- (1) Increased tone of lower extremities
 - (2) Groin paresthesia
 - (3) Areflexic bowel and bladder
 - (4) Weakness of lower extremities
86. Pushing a table is an example of -
- (1) Protective movement
 - (2) Non- Prehensile movement
 - (3) Prehensile movement
 - (4) Manipulative movement
87. Duchenne muscular dystrophy includes all, except -
- (1) X linked recessive
 - (2) Autosomal recessive
 - (3) Defect in dystrophin gene
 - (4) Pseudohypertrophy
88. Match List-I with List-II and select the correct answer by using the codes given below the lists -
- | | |
|--|---|
| <p>List-I</p> <p>A. Shoulder Flexion</p> <p>B. Shoulder Extension</p> <p>C. Shoulder Medial Rotation</p> <p>D. Shoulder External Rotation</p> <p>Code:</p> <p>(1) A-2, B-4, C-1, D-3</p> <p>(3) A-3, B-1, C-4, D-2</p> | <p>List-II</p> <p>1. Latissimus dorsi</p> <p>2. Infraspinatus</p> <p>3. Clavicular head of Pectoralis major</p> <p>4. Pectoralis major</p> <p>(2) A-3, B-2, C-1, D-4</p> <p>(4) A-2, B-1, C-3, D-4</p> |
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89. Which of the following is not a Gait determinant?
(1) Pelvic tilt (2) Pelvic rotation
(3) Knee extension in stance phase (4) Foot & knee mechanism
90. Bamboo spine is seen in -
(1) Rheumatoid Arthritis (2) Reiter's Syndrome
(3) Spinal Muscular atrophy (4) Ankylosing Spondylitis
91. Occupational therapist evaluation in burn patient constitutes which of the following points?
(1) Preinjury body structure and function (2) Past performance skills and patterns
(3) Preinjury personality traits and psychological status (4) All of the above
92. Maximum energy expenditure while using prosthesis occurs in -
(1) Unilateral Syme's prosthesis (2) Unilateral below knee prosthesis
(3) Unilateral above knee prosthesis (4) Unilateral hip disarticulation prosthesis
93. Context is -
(a) The circumstances in which an event occurs, a setting
(b) The part of text or statement which surrounds a particular word or passage and determines its meaning without shaping or controlling influence
(1) a and b are false (2) a and b are true
(3) a is false, b is true (4) a is true, b is false
94. Cerebrospinal fluid is present in -
(1) Ventricles of brain (2) Cisterns around the outside of brain
(3) Subarachnoid space (4) All of the above
95. What is Occupational therapy practice framework?
(1) It defines occupational performance as resulting from the dynamic transaction among client, the context and the activity
(2) It defines interaction between person and the environment, affects human behaviour and performance, and that performance cannot be understood outside of context
(3) It defines the relationship between the person and the environment as an action oriented towards an object
(4) Both 1 and 2
96. What are the goals of a wheelchair seating system?
(1) Maximize functional independence with activities of daily living
(2) Minimize the risk of secondary injuries
(3) Correct or accommodate for skeletal deformities and ensure comfort
(4) All of the above
97. Which of the following best describes eccentric contractions?
(1) They are muscle shortening contractions (2) They have high metabolic cost
(3) Slow eccentric contractions generate the least amount of force (4) They cause more tissue damage than concentric contractions
98. Purposes of therapeutic exercises are all, except -
(1) To increase muscle power (2) To maintain contractures
(3) To remediate ROM deficits (4) To increase work tolerance
99. Which of the following classification system divides nerve injury into Neurapraxia, Axonotmesis, Neurotmesis?
(1) Seddon-Sunderland (2) Seddon
(3) Lundborg (4) Sunderland



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100. What are the two important measurable landmarks of recovery from TBI?
 (1) Post traumatic amnesia (2) Emergence from vegetative state to minimally conscious state
 (3) Eye opening (4) Both 1 and 2
101. Multiple sclerosis affects -
 (1) Terminal branches (2) Axon
 (3) Myelin sheath (4) Dendritic receptors
102. As per James – Lange theory of emotions, correct sequence of events in emotional states are -
 a. We notice our reaction
 b. We perceive the situation that will produce emotion
 c. We react to this situation
 (1) c, b, a (2) c, a, b
 (3) b, c, a (4) a, b, c
103. In second order lever mechanism, the arrangement is -
 (1) Weight in the middle, fulcrum and effort points are on either end (2) Fulcrum in the middle, weight effort point on either end
 (3) Effort point in middle, weight and fulcrum are on either end (4) None of the above
104. All of the following regarding Gross Motor Function Classification system in Cerebral palsy are true, except -
 (1) Level 2: Walks Without Devices, Limitations Walking Outdoors
 (2) Level 1: Walks Without Restriction, Limitations in High – Level Skills
 (3) Level 4: Very Limited Self-Mobility, Even with Assistive Technology
 (4) Level 3: Walks with Devices, Limitations Walking Outdoors
105. Which of the following is false for orthosis?
 (1) Flexible deformity cannot be corrected by orthoses (2) Leaf spring orthosis recoils to assist opposite desired motion
 (3) Orthoses decreases sensory feedback (4) Orthoses utilises forces to limit movement
106. Following are risk factors for osteoporosis, except -
 (1) Smoking (2) Testosterone depletion
 (3) Physical inactivity (4) Dopamine depletion
107. High steppage gait occurs due to -
 (1) Femoral nerve lesion (2) Sural nerve injury
 (3) Lateral Cutaneous nerve lesion (4) Peroneal nerve lesion
108. The LUND and BROWDER chart is used to assess -
 (1) The extent of burned body surface area in children (2) The extent of grafting needed for the Burn
 (3) The extent of Rehabilitation needed for the victim (4) The extent of splinting needed for the Burn
109. Open palm or pancake position for hand splinting in palmar burns is best described as -
 (1) Wrist extension, MP joint extension, IP joint extension, digital abduction, and thumb abduction and extension
 (2) Wrist Flexion, MP joint extension, IP joint extension, digital abduction, and thumb abduction and extension
 (3) Wrist extension, MP joint extension, IP joint flexion, digital abduction, and thumb abduction and extension
 (4) Wrist extension, MP joint extension, IP joint extension, digital abduction, and thumb adduction and flexion

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110. Which of the following is a non modifiable risk factor for coronary artery disease?
- (1) Diabetes Mellitus (2) Physical activity
(3) Obesity (4) Age
111. What does Knox Preschool play scale measures?
- (1) Gross motor, exploration, manipulation, construction, imitation (2) Imagination, dramatisation, music, books, territory, interest
(3) Purpose, attention, co-operation and language (4) All of the above
112. In a comatose patient, which of the following statements is correct regarding upper extremity positioning in wheelchair?
- (1) Scapulae in a neutral position (neither elevated nor depressed)
(2) Shoulders slightly externally rotated and abducted
(3) Elbows in a neutral position of slight flexion with forearm pronation, and the wrists and digits in a functional position
(4) All of the above
113. Transient Ischemic Attack (TIA) recovers in -
- (1) Less than 24 hrs (2) Less than 72 hrs
(3) Less than 48 hrs (4) More than a week
114. Q angle or patellofemoral angle is -
- (1) Line from ISIS to tibial tuberosity and from tibial tuberosity to midpoint of patella
(2) Line from ASIS to midpoint of the patella and from tibial tuberosity to midpoint of patella
(3) Line from Hip joint to patella and from patella to tibial tuberosity
(4) Midpoint of patella and midpoint of acetabulum joining line
115. The American Psychiatric Association's Diagnostic and Statistical Manual of Mental Disorder, Fifth Edition: DSM-5 defines substance abuse is -
- (1) Failure to fulfill major role obligations at work, school or home
(2) Use of a substance in situations in which it is physically hazardous
(3) Substance-related legal problems
(4) All of the above
116. Two main progression forces in normal gait cycle -
- (1) Forward fall of the body weight (2) Generated by the contralateral swinging limb
(3) Both 1 and 2 (4) Centre of gravity
117. Scales used for spasticity assessment -
- (1) Modified Ashworth Scale (2) Tardieu Scale
(3) Both 1 and 2 (4) Modified Rankin Scale
118. List two components of a behavioural management program -
- (1) Environmental and personal (2) Communicative and interactive
(3) Environmental and family (4) Personal and family
119. How do you define minimal assistance?
- (1) Client requires more than 75% physical or verbal assistance
(2) Client requires caregiver or someone to provide hands-on guarding to perform a task safely
(3) Client requires physical or verbal assistance for 51% to 75% of an activity by one person
(4) Client requires 25% physical or verbal assistance of one person to complete a task safely

120. Which is not a stage of grief reaction?
 (1) Depression (2) Anxiety
 (3) Acceptance (4) Bargaining
121. Jebsen-Taylor hand function test is used for assessing -
 (1) Hand function in Cerebral palsy (2) Hand function in Stroke
 (3) Hand function in Traumatic brain injury (4) Hand function in rheumatoid arthritis
122. MMSE examination is used for evaluation of -
 (1) Cognition (2) Thought
 (3) Mood and affect (4) Insight
123. Which of the following is not a health determinant (Ottawa Charter, 1986)?
 (1) Peace (2) Sustainable resources
 (3) Vibrant Ecosystem (4) Shelter
124. Which of the following IQ Level is defined as superior?
 (1) 130 and above (2) 120-129
 (3) 110-129 (4) 85-109
125. Effective upright control depends on all of the following automatic postural reactions, except -
 (1) Ankle strategies to maintain the centre of mass over the base of support
 (2) Hip strategies are used to maintain or restore equilibrium
 (3) Knee strategy to maintain erect posture
 (4) Stepping strategy which results in movement of the base of support towards the centre of mass movement
126. Angulation of deformities is measured by -
 (1) Kinetograph (2) Goniometer
 (3) Manometer (4) Angulometer
127. Rehabilitation Council of India -
 (1) Enforces uniform training of rehab professionals (2) Maintenance of central rehabilitation register
 (3) Both of the above (4) None of the above
128. Following are advantages of community based rehabilitation, except -
 (1) Participation of patient and family (2) Economically viable
 (3) Ideal for rural population (4) Presence of complete rehabilitation team
129. What is Dupuytren's contracture?
 (1) Flexor deformity of ring and little finger (2) Occurs because of fibrosis of palmar aponeurosis
 (3) Both 1 and 2 (4) None of the above
130. Which is not a basic sense?
 (1) Touch (2) Seeing
 (3) Speech (4) Hearing
131. FEES stands for -
 (1) Flexible Endoscopic Evaluation of Swallowing (2) Fiberoptic Endoscopic Evaluation of Swallowing
 (3) Functional Endoscopic Evaluation of Swallowing (4) None of the above

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132. Which of the following has double nerve supply?
- (1) Brachialis
 - (2) Subscapularis
 - (3) Pectoralis Major
 - (4) All of the above
133. Children with ADHD are known to have deficit in which of the following brain area?
- (1) Memory
 - (2) Perception
 - (3) Executive functioning
 - (4) Motor functioning
134. Which of the following are used for intellectual evaluation in children?
- (1) Kaufman assessment battery for children
 - (2) Gesell developmental schedule
 - (3) Pictorial test of intelligence
 - (4) Denver developmental screening test
135. Risk factor for adhesive capsulitis are all, except -
- (1) Hypothyroidism
 - (2) Diabetes
 - (3) Stroke
 - (4) Pregnancy
136. Global outcome measures used by an occupational therapist to measure the outcome of rehabilitation in person with cognition problems are all of the following, except -
- (1) Australian Therapy Outcome Measures AusTOMs
 - (2) Functional Assessment Measure
 - (3) Short Form Health Survey
 - (4) The Canadian Occupational Performance Measure (COPM)
137. Loeser's model of pain includes all, except -
- (1) Tissue damage
 - (2) Feelings about pain
 - (3) Behaviours other than pain
 - (4) Personal unique experience with pain
138. Which of the following best explains the action of chlorzoxazone?
- (1) Centrally acting muscle relaxant
 - (2) Peripherally acting muscle relaxant
 - (3) Both 1 and 2
 - (4) Directly acting muscle relaxant
139. Which of the following deformities characterize Erb's palsy?
- (1) Arm adducted, medially rotated, forearm extended and pronated
 - (2) Arm adducted, laterally rotated, forearm flexed and supinated
 - (3) Arm abducted, laterally rotated, forearm extended and pronated
 - (4) Arm adducted, medially rotated, forearm flexed and supinated
140. Where is the Meaningfulness of activity scale used in Occupational Therapy?
- (1) Motivation assessment
 - (2) Leisure assessment
 - (3) Emotion assessment
 - (4) Play assessment
141. What is the task-oriented approach to motor learning?
- (1) Based on dynamic systems principles in which occupation performance and motor recovery are achieved by a dynamic interaction of the person, the environment, and the occupations that the person is performing
 - (2) Based on a heterarchical model in which each is viewed as being critical in a dynamic interaction to support the client's ability to engage in occupation
 - (3) Both 1 and 2
 - (4) None of the above
142. Diabetic neuropathy is classified into which of the following categories?
- (1) Symmetric
 - (2) Asymmetric
 - (3) Focal
 - (4) All of the above

143. In the American Spinal Injury Association (ASIA) examination, the C6 myotome correlates with what muscle group?
- (1) Long finger flexor (2) Elbow flexor
(3) Elbow extensor (4) Wrist extensor
144. Which of the following definitions is best used to diagnose Cerebral palsy?
- (1) A group of permanent disorders of the development of movement and posture, causing activity limitation, attributed to progressive disturbances that occurred in the developing fetal or infant brain
- (2) A group of permanent disorders of the development of movement and posture, causing activity limitation, attributed to non-progressive disturbances that occurred in the developing fetal or infant brain
- (3) A group of permanent disorders of the development of movement and posture, causing activity limitation, attributed to non-progressive disturbances that occurred in the brain after birth
- (4) A group of temporary disorders of the development of movement and posture, causing activity limitation, attributed to non-progressive disturbances that occurred in the developing fetal or infant brain
145. Oral antispastic medication that works at skeletal muscle level -
- (1) Diazepam (2) Dantrolene sodium
(3) Tizanidine (4) Baclofen
146. Dynamic stabilizer of shoulder joint term is used for -
- (1) Coracohumeral ligament (2) Glenohumeral ligament
(3) Rotator cuff (4) Glenoid labrum
147. Sequence of events occurring in Glycolysis are given below. Which of the following is correct?
- (1) Glucose - Hexose Phosphate - Triose Phosphate - Pyruvate
- (2) Glucose - Triose Phosphate - Hexose Phosphate - Pyruvate
- (3) Glucose - 3 phospho glyceraldehydes - 2 phospho glyceraldehydes - Pyruvate
- (4) Glucose - Hexose Phosphate - Triose Phosphate - Lactate
148. Respiratory rhythm generation center is located at -
- (1) Dorsal respiratory group (2) Pre botzinger complex
(3) Ventral respiratory neuron (4) Pneumatic center
149. All of the following are clinical manifestations of "AIDS dementia complex", except -
- (1) Poor hand writing (2) Decline in gross motor function
(3) Impaired verbal memory (4) Lack of visuo-motor co-ordination
150. Which of the following is the correct method of pursed lip breathing?
- (1) Tighten your neck and shoulder muscles, inhale slowly through the nose for a count of two, purse the lips as if to whistle, exhale rapidly to a count of 4 through pursed lips
- (2) Relax your neck and shoulder muscles, inhale slowly through the nose for a count of two, purse the lips as if to whistle, exhale slowly, to a count of 4 through pursed lips
- (3) Tighten your neck and shoulder muscles, inhale slowly through the nose for a count of two, purse the lips as if to whistle, exhale slowly to a count of 4 through pursed lips
- (4) Relax your neck and shoulder muscles, inhale slowly through the nose for a count of two, purse the lips as if to whistle, exhale rapidly through open lips



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Space for Rough Work

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