



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD  
सी ई एन नं. - 04/2024 - CEN No. - 04/2024



Test Date	29/04/2025
Test Time	4:30 PM - 6:00 PM
Subject	OCCUPATIONAL THERAPIST

\* Note  
Correct Answer will carry 1 mark per Question.  
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.  
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : General Ability

Q.1 Transfer of pollen occurring in the same flower is known as\_\_\_.

- Ans ☒ 1. Hybridization  
☒ 2. Cross-pollination  
☒ 3. Self-pollination  
☒ 4. Fertilization

Q.2 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

MIN29, SOT50, YUZ71, EAF92, ?

- Ans ☒ 1. PGL113  
☒ 2. KGL113  
☒ 3. KLL113  
☒ 4. KGO113

Q.3 Which branch of the Indian Armed Forces participated in the 6<sup>th</sup> edition of Dharma Guardian?

- Ans ☒ 1. Indian Navy  
☒ 2. Indian Coast Guard  
☒ 3. Indian Air Force  
☒ 4. Indian Army

Q.4 Which part of the brain control Involuntary actions, including blood pressure, salivation, and vomiting?

- Ans ☒ 1. Medulla in the hind brain  
☒ 2. Thalamus in the fore brain  
☒ 3. Pons in the hind brain  
☒ 4. Cerebrum in the fore brain

Q.5 In December 2024, Prime Minister Narendra Modi was honoured with Kuwait's highest civilian award. What is the name of the award?

- Ans ☒ 1. Order of Zayed  
☒ 2. Order of the Nile  
☒ 3. Order of Mubarak Al-Kabeer  
☒ 4. Order of Abdulaziz Al Saud



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**Q.6** Which of the following factors determines the colour of scattered light in the atmosphere, according to the Tyndall effect?

- Ans**
- ☒ 1. Size of the scattering particle
  - ☐ 2. Colour of the scattering particle
  - ☐ 3. Density of the scattering particle
  - ☐ 4. It does not depend on the scattering particle.

**Q.7** A, B, and C, when each works alone, can do a piece of work in 9 days, 12 days and 18 days, respectively. They all started the work together, but A and C both left after 3 days. In how many days was the total work completed?

- Ans**
- ☐ 1.  $\frac{9}{5}$
  - ☐ 2. 3
  - ☒ 3. 6
  - ☐ 4.  $\frac{5}{2}$

**Q.8** Which of the following statements about molecules of elements is correct?

- Ans**
- ☐ 1. Diatomic molecules only contain atoms of different elements.
  - ☐ 2. All elements exist as monoatomic molecules in nature.
  - ☒ 3. Molecular oxygen and ozone are both molecules of the same element.
  - ☐ 4. A molecule of phosphorus always contains five atoms.

**Q.9** Which immediate cause triggered the Sanyasi Uprisings in Bengal lasting from 1770 to the 1820s?

- Ans**
- ☐ 1. The confiscation of peasant lands following the famine
  - ☒ 2. Restrictions imposed by the British on pilgrims visiting holy sites
  - ☐ 3. Forced recruitment of local soldiers into the British army
  - ☐ 4. Heavy taxation on local handicrafts

**Q.10** Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

155 – 125 – 100 – 80; 125 – 95 – 70 – 50

- Ans**
- ☐ 1. 80 – 50 – 35 – 15
  - ☒ 2. 100 – 70 – 45 – 25
  - ☐ 3. 95 – 70 – 45 – 35
  - ☐ 4. 140 – 110 – 85 – 60

**Q.11** Where was the 2012 United Nations Climate Change Conference held?

- Ans**
- ☒ 1. Doha
  - ☐ 2. Durban
  - ☐ 3. Stockholm
  - ☐ 4. Copenhagen

**Q.12** If the lateral surface area of a cylinder is  $498.2\text{ cm}^2$  and its height is 41 cm, then find its volume.  
(Use  $\pi = 3.14$  and round off to two decimal places)

- Ans**
- ☐ 1.  $516.58\text{ cm}^3$
  - ☒ 2.  $481.99\text{ cm}^3$
  - ☐ 3.  $510.22\text{ cm}^3$
  - ☐ 4.  $505.79\text{ cm}^3$

**Q.13** Which of the following statements is true for displacement reactions?

- Ans**
- ☐ 1. They require only heat to proceed.
  - ☐ 2. They only occur in non-metals.
  - ☒ 3. A more reactive element replaces a less reactive one.
  - ☐ 4. A less reactive element replaces a more reactive one.

**Q.14** What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FAT HDV JGX LJZ ?

- Ans**
- ☐ 1. OLA
  - ☒ 2. NMB
  - ☐ 3. PNC
  - ☐ 4. OMD

**Q.15** Six toy cars Car1, Car2, Car3 Car4, Car5 and Car6 are kept around a circular table facing inside, not necessarily in the same order. Car4 is second to the left of Car6. Car5 is kept to the immediate right of Car2. Car2 is second to the right of Car3. Car3 is to the immediate right of Car4. If we start counting the number of cars towards the left of Car5, then how many cars are kept between Car6 and Car5?

- Ans**
- ☐ 1. Two
  - ☒ 2. One
  - ☐ 3. Zero
  - ☐ 4. Three

**Q.16** Under which of the following Constitutional Amendments were the Fundamental Duties incorporated into the Indian Constitution?

- Ans**
- ☐ 1. 52<sup>nd</sup> Amendment Act, 1986
  - ☐ 2. 61<sup>st</sup> Amendment Act, 1988
  - ☐ 3. 44<sup>th</sup> Amendment Act, 1978
  - ☒ 4. 42<sup>nd</sup> Amendment Act, 1976

**Q.17** Under which Indian government scheme launched in 2000 is additional central assistance given to states for basic services such as primary health, primary education, rural shelter, rural drinking water and rural electrification?

- Ans**
- ☒ 1. Pradhan Mantri Gramodaya Yozana (PMGY)
  - ☐ 2. Rural Employment Generation Programme (REGP)
  - ☐ 3. Prime Minister Rozgar Yozana (PMRY)
  - ☐ 4. Swarnajayanti Gram Swarozgar Yojana (SGSY)

**Q.18** Which of the following is CORRECT regarding the plant tissue?

- Ans**
- ☐ 1. Vascular tissue includes parenchyma, collenchyma, and sclerenchyma
  - ☐ 2. Complex permanent tissue includes parenchyma, collenchyma, and sclerenchyma
  - ☐ 3. Simple permanent tissue includes xylem and phloem
  - ☒ 4. Meristematic tissues are responsible for plant growth.

Q.19 Which of the following statements is FALSE?

- Ans
- ☒ 1. The resistance of a wire increases when its length is doubled.
  - ☒ 2. The resistance of a conductor is inversely proportional to its cross-sectional area.
  - ☒ 3. The resistance of a conductor is independent of its material.
  - ☒ 4. The resistance of a wire decreases when a thicker wire of the same material is used.

Q.20 The semi-cryogenic engine tested by ISRO in 2025 primarily uses which fuel?

- Ans
- ☒ 1. Kerosene (RP-1) and Liquid Oxygen (LOX)
  - ☒ 2. Liquid Hydrogen (LH2) and Liquid Oxygen (LOX)
  - ☒ 3. Methane and Liquid Oxygen (LOX)
  - ☒ 4. Solid Composite Propellant

Q.21 Which of the following describes the process by which the concentration of toxic substances, such as pesticides, increases in organisms at higher levels of the food chain?

- Ans
- ☒ 1. Ecological pyramid
  - ☒ 2. Biological magnification
  - ☒ 3. Biological oxygen demand
  - ☒ 4. Food web

Q.22 In a certain code language,  
'A + B' means 'A is the father of B',  
'A – B' means 'A is the husband of B',  
'A × B' means 'A is the wife of B' and  
'A ÷ B' means 'A is the daughter of B'.

How is V related to Z if 'V ÷ W × X + Y – Z'?

- Ans
- ☒ 1. Husband's sister
  - ☒ 2. Mother's brother
  - ☒ 3. Brother's wife
  - ☒ 4. Mother's mother

Q.23 Which of the following methods is NOT used to extract metals that are placed in the middle of the reactivity series from their ores?

- Ans
- ☒ 1. Calcination followed by reduction with carbon
  - ☒ 2. Heating their sulphide ores directly in the presence of carbon
  - ☒ 3. Displacement using a more reactive metal
  - ☒ 4. Roasting followed by reduction with carbon

Q.24 Which notable water body is located to the south of the Mahanadi Delta on the Eastern Coastal Plains of India?

- Ans
- ☒ 1. Sambhar Salt Lake
  - ☒ 2. Chilka Lake
  - ☒ 3. Dal Lake
  - ☒ 4. Vembanad Lagoon

Q.25 A man travels from point A to B at a speed of 11 km/hr and returns to A through same route by increasing his speed by 75% of his earlier speed. His average speed (in km/hr) for the whole journey is:

- Ans
- ☒ 1. 14
  - ☒ 2. 18
  - ☒ 3. 10
  - ☒ 4. 16

**Q.26** A concave mirror with a focal length 'f' is cut into two equal halves along the principal axis. What happens to the focal length of each half?

- Ans**
- ☐ 1. It becomes undefined.
  - ☒ 2. It remains f.
  - ☐ 3. It doubles to 2f.
  - ☐ 4. It becomes f/2.

**Q.27** What is the maximum value that must be assigned to A so that the 8-digit number 489A5384 is divisible by 4?

- Ans**
- ☐ 1. 5
  - ☐ 2. 4
  - ☐ 3. 8
  - ☒ 4. 9

**Q.28** From which Harappan site was the 'Dancing Girl', a bronze figurine, discovered?

- Ans**
- ☐ 1. Dholavira
  - ☐ 2. Lothal
  - ☐ 3. Harappa
  - ☒ 4. Mohenjo-daro

**Q.29** Kalpana and Sudha got 574 and 553 marks, respectively, in an examination. If Kalpana scored 82% marks, then what is the percentage of marks scored by Sudha?

- Ans**
- ☐ 1. 81%
  - ☐ 2. 76%
  - ☐ 3. 77%
  - ☒ 4. 79%

**Q.30** Which Parliamentary Committee reviews reports submitted by Public Undertakings specified in the Fourth Schedule to the Rules of Procedure and Conduct of Business in the Lok Sabha of India?

- Ans**
- ☐ 1. Public Accounts Committee
  - ☐ 2. Estimates Committee
  - ☒ 3. Committee on Public Undertakings
  - ☐ 4. Select Committee on Financial Oversight

Section : Professional Ability

**Q.1** Which objective assessment tool is most appropriate for measuring the impact of HIV-related cognitive changes on daily functioning?

- Ans**
- ☐ 1. DASH Questionnaire
  - ☐ 2. Mini-Mental State Examination (MMSE)
  - ☐ 3. Fugl-Meyer Assessment
  - ☒ 4. Canadian Occupational Performance Measure (COPM)

**Q.2** The PEO model is:

- Ans**
- ☐ 1. Develop a relationship with the union
  - ☐ 2. Develop a partnership with workers and management to prevent injuries.
  - ☐ 3. A framework allows the therapist to understand ergonomic problems.
  - ☒ 4. A tool for therapists' use to facilitate client-centered practice.



Q.3	Which of the following drugs acts peripherally and has no effect on the central nervous system?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Pancuronium</div> <div><div><input type="checkbox"/></div>2. Baclofen</div> <div><div><input type="checkbox"/></div>3. Diazepam</div> <div><div><input type="checkbox"/></div>4. Tizanidine</div>
Q.4	An appropriate therapeutic activity for a patient recovering from a stroke with impaired fine motor skills would include:
Ans	<div><div><input checked="" type="checkbox"/></div>1. Threading beads or using a pegboard</div> <div><div><input type="checkbox"/></div>2. Complex arithmetic tasks</div> <div><div><input type="checkbox"/></div>3. Reading newspapers silently</div> <div><div><input type="checkbox"/></div>4. High-speed typing tests</div>
Q.5	Where are sebaceous glands found?
Ans	<div><div><input type="checkbox"/></div>1. Stratum corneum</div> <div><div><input type="checkbox"/></div>2. Digestive system</div> <div><div><input checked="" type="checkbox"/></div>3. Dermis</div> <div><div><input type="checkbox"/></div>4. Hypodermis</div>
Q.6	Which approach is most effective for improving ADL independence in a child with congenital blindness?
Ans	<div><div><input type="checkbox"/></div>1. Vestibular desensitization</div> <div><div><input type="checkbox"/></div>2. Reading using flashcards</div> <div><div><input type="checkbox"/></div>3. Visual scanning training</div> <div><div><input checked="" type="checkbox"/></div>4. Auditory cueing and tactile feedback</div>
Q.7	Functional reach test is used to assess:
Ans	<div><div><input type="checkbox"/></div>1. ADL</div> <div><div><input type="checkbox"/></div>2. IADL</div> <div><div><input checked="" type="checkbox"/></div>3. Balance</div> <div><div><input type="checkbox"/></div>4. Gait</div>
Q.8	In clients with dementia, which approach best supports participation in daily activities despite cognitive decline?
Ans	<div><div><input type="checkbox"/></div>1. Behavioral approach</div> <div><div><input type="checkbox"/></div>2. Biomedical approach</div> <div><div><input type="checkbox"/></div>3. Restorative approach</div> <div><div><input checked="" type="checkbox"/></div>4. Adaptive approach</div>
Q.9	The Model of Human Occupation (MOHO) emphasizes assessment of which of the following domains?
Ans	<div><div><input type="checkbox"/></div>1. Muscle strength and joint range only</div> <div><div><input checked="" type="checkbox"/></div>2. Volition, habituation, performance, and environment</div> <div><div><input type="checkbox"/></div>3. Financial capacity and literacy</div> <div><div><input type="checkbox"/></div>4. Only physical skills</div>
Q.10	After reconstructive surgery for a burn scar over the elbow, what is the most critical early OT intervention?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Positioning and splinting in anti-deformity position</div> <div><div><input type="checkbox"/></div>2. Isometric strengthening exercises</div> <div><div><input type="checkbox"/></div>3. Scar massage with silicone gel</div> <div><div><input type="checkbox"/></div>4. Compression garment education</div>

Q.11	Following tenosynovectomy for De Quervain's tenosynovitis, which OT guideline is MOST appropriate during the first week?
Ans	<div><div><input type="checkbox"/></div>1. Avoid all hand activity</div> <div><div><input type="checkbox"/></div>2. Immediate heavy gripping exercises</div> <div><div><input checked="" type="checkbox"/></div>3. Controlled AROM within pain-free range and edema management</div> <div><div><input type="checkbox"/></div>4. Heat modalities over surgical site</div>



Q.19	The screw-home mechanism of the knee is primarily due to:
Ans	<div><div><input type="checkbox"/></div>1. Contraction of the hamstring muscles</div> <div><div><input type="checkbox"/></div>2. Medial rotation of the tibia during extension</div> <div><div><input checked="" type="checkbox"/></div>3. Lateral rotation of the femur on a fixed tibia</div> <div><div><input type="checkbox"/></div>4. Tightening of the anterior cruciate ligament</div>
Q.20	Which principle of neuroplasticity is MOST critical when designing an OT plan to restore upper limb use in a subacute CVA patient?
Ans	<div><div><input type="checkbox"/></div>1. Age dependence</div> <div><div><input checked="" type="checkbox"/></div>2. Use it or lose it</div> <div><div><input type="checkbox"/></div>3. Learned non-use</div> <div><div><input type="checkbox"/></div>4. Salience matters</div>
Q.21	Which of the following objective assessments is most suitable for evaluating functional endurance in a client with moderate bronchial asthma?
Ans	<div><div><input type="checkbox"/></div>1. DASH</div> <div><div><input type="checkbox"/></div>2. Mini-Mental State Examination (MMSE)</div> <div><div><input type="checkbox"/></div>3. Purdue Pegboard Test</div> <div><div><input checked="" type="checkbox"/></div>4. 6-Minute Walk Test</div>
Q.22	Which standardized tool is MOST suitable to assess ADL performance in a client with a recent humerus fracture?
Ans	<div><div><input type="checkbox"/></div>1. Purdue Pegboard Test</div> <div><div><input checked="" type="checkbox"/></div>2. Barthel Index</div> <div><div><input type="checkbox"/></div>3. Fugl-Meyer Assessment</div> <div><div><input type="checkbox"/></div>4. Berg Balance Scale</div>
Q.23	During the late phase of hand surgery rehabilitation, the primary OT goal includes:
Ans	<div><div><input type="checkbox"/></div>1. Providing complete rest to the limb</div> <div><div><input checked="" type="checkbox"/></div>2. Enhancing functional use through task-based retraining</div> <div><div><input type="checkbox"/></div>3. Scar maturation through compression therapy</div> <div><div><input type="checkbox"/></div>4. Preventing tendon rupture through immobilization</div>
Q.24	During OT intervention for a left hemiparetic patient post-CVA, which task MOST effectively integrates bilateral coordination and purposeful activity?
Ans	<div><div><input type="checkbox"/></div>1. Passive range of motion of the affected limb</div> <div><div><input type="checkbox"/></div>2. Using a mirror box for visual illusion</div> <div><div><input type="checkbox"/></div>3. Brushing hair with unaffected hand</div> <div><div><input checked="" type="checkbox"/></div>4. Folding laundry using both hands</div>
Q.25	Which factor is responsible for hemophilia?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Factor VIII</div> <div><div><input type="checkbox"/></div>2. Factor II</div> <div><div><input type="checkbox"/></div>3. Factor V</div> <div><div><input type="checkbox"/></div>4. Factor VII</div>
Q.26	In patients with bronchial asthma, the primary OT goal during sub-acute recovery is to:
Ans	<div><div><input checked="" type="checkbox"/></div>1. Promote independence in ADLs through breathing control integration</div> <div><div><input type="checkbox"/></div>2. Limit all physical activity to prevent exacerbation</div> <div><div><input type="checkbox"/></div>3. Provide splinting to prevent thoracic rigidity</div> <div><div><input type="checkbox"/></div>4. Reduce airway resistance through suctioning</div>

Q.27	A client with spinal tuberculosis and partial paraplegia complains of difficulty in toileting. What is the PRIMARY OT concern?
Ans	<div><div><input type="checkbox"/></div><div>1. Urinary retention</div></div> <div><div><input type="checkbox"/></div><div>2. Cognitive decline</div></div> <div><div><input type="checkbox"/></div><div>3. Fine motor dysfunction</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Loss of balance during transfers</div></div>

Q.35	Which feature best differentiates an upper motor neuron (UMN) lesion from a lower motor neuron (LMN) lesion?
Ans	<div><div><input type="checkbox"/></div>1. Muscle atrophy</div> <div><div><input checked="" type="checkbox"/></div>2. Hyperreflexia</div> <div><div><input type="checkbox"/></div>3. Fasciculations</div> <div><div><input type="checkbox"/></div>4. Fatigue</div>
Q.36	Which of the following best exemplifies the occupational therapy principle of “activity gradation”?
Ans	<div><div><input type="checkbox"/></div>1. Limiting the number of sessions to avoid dependency</div> <div><div><input type="checkbox"/></div>2. Encouraging the patient to complete the entire task independently from the beginning</div> <div><div><input checked="" type="checkbox"/></div>3. Modifying task complexity to match the client's ability and gradually increase it</div> <div><div><input type="checkbox"/></div>4. Choosing only passive leisure tasks for early recovery</div>
Q.37	Between which two anatomical structures does the Larynx lie?
Ans	<div><div><input type="checkbox"/></div>1. The nares and the choanae</div> <div><div><input type="checkbox"/></div>2. The glottis and the epiglottis</div> <div><div><input checked="" type="checkbox"/></div>3. The epiglottis and the trachea</div> <div><div><input type="checkbox"/></div>4. The choanae and the glottis</div>
Q.38	In a client with thoracic outlet syndrome (TOS), which occupational performance area is most likely to be impaired initially?
Ans	<div><div><input type="checkbox"/></div>1. Visual perceptual skills</div> <div><div><input type="checkbox"/></div>2. Mobility in lower extremities</div> <div><div><input type="checkbox"/></div>3. Dynamic sitting balance</div> <div><div><input checked="" type="checkbox"/></div>4. Fine motor tasks requiring sustained overhead use</div>
Q.39	The Canadian Occupational Performance Measure (COPM) is considered client-centered because:
Ans	<div><div><input checked="" type="checkbox"/></div>1. It includes client's self-perception of performance and satisfaction</div> <div><div><input type="checkbox"/></div>2. It measures only motor performance</div> <div><div><input type="checkbox"/></div>3. It uses therapist-generated goals</div> <div><div><input type="checkbox"/></div>4. It eliminates client bias</div>
Q.40	Rapid activation of which cells is found during strong acute inflammatory reaction?
Ans	<div><div><input type="checkbox"/></div>1. Osteocytes</div> <div><div><input type="checkbox"/></div>2. Epithelial cells</div> <div><div><input checked="" type="checkbox"/></div>3. Mast cells</div> <div><div><input type="checkbox"/></div>4. Stem cells</div>
Q.41	A client has a malunited Colles fracture. Which occupational performance deficit is MOST likely?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Difficulty in supination affecting feeding tasks</div> <div><div><input type="checkbox"/></div>2. Weak hip abduction during gait</div> <div><div><input type="checkbox"/></div>3. Inability to abduct the shoulder</div> <div><div><input type="checkbox"/></div>4. Inability to flex MCP joints</div>
Q.42	What is the primary goal of using assistive technology in OT practice?
Ans	<div><div><input type="checkbox"/></div>1. To promote complete dependence on tools</div> <div><div><input checked="" type="checkbox"/></div>2. To enhance independence, safety, and occupational performance</div> <div><div><input type="checkbox"/></div>3. To replace the need for therapy sessions</div> <div><div><input type="checkbox"/></div>4. To reduce therapist workload</div>

Q.43	A sensation of running out of air and of not being able to breathe fast enough or deeply enough is:
Ans	<div><div><div><div></div></div><div>1. apnea</div></div><div><div><div></div></div><div>2. syncope</div></div><div><div><div></div></div><div>3. dyspnea</div></div><div><div><div></div></div><div>4. cachexia</div></div></div>
Q.44	When working with individuals diagnosed with chronic depression, which of the following best represents an evidence-based OT approach?
Ans	<div><div><div><div></div></div><div>1. Limiting client autonomy to ensure consistency</div></div><div><div><div></div></div><div>2. Providing strict schedules and external rewards only</div></div><div><div><div></div></div><div>3. Encouraging overexposure to social environments</div></div><div><div><div></div></div><div>4. Structuring meaningful activities that promote mastery and pleasure</div></div></div>
Q.45	Term given to the reduction in the number of erythrocytes, in the concentration of hemoglobin is:
Ans	<div><div><div><div></div></div><div>1. Scurvy</div></div><div><div><div></div></div><div>2. Beriberi</div></div><div><div><div></div></div><div>3. Anemia</div></div><div><div><div></div></div><div>4. Rickets</div></div></div>
Q.46	Delivery of a controlled electric shock is called:
Ans	<div><div><div><div></div></div><div>1. Cardioversion</div></div><div><div><div></div></div><div>2. Catheter ablation</div></div><div><div><div></div></div><div>3. Telemetry</div></div><div><div><div></div></div><div>4. Defibrillation</div></div></div>
Q.47	What is the MOST important aspect of activity analysis when working with clients with cognitive impairments?
Ans	<div><div><div><div></div></div><div>1. Cost of activity materials</div></div><div><div><div></div></div><div>2. Safety and simplicity of each step</div></div><div><div><div></div></div><div>3. Duration of activity</div></div><div><div><div></div></div><div>4. Therapist preference</div></div></div>
Q.48	Which of the following standardized tools is most appropriate for assessing upper limb functional recovery post-stroke in a hemiparetic client?
Ans	<div><div><div><div></div></div><div>1. Modified Ashworth Scale</div></div><div><div><div></div></div><div>2. Sensory Profile-2</div></div><div><div><div></div></div><div>3. Fugl-Meyer Assessment</div></div><div><div><div></div></div><div>4. Nine-Hole Peg Test</div></div></div>
Q.49	Which of the following hand function assessments is the most suitable to assess gross grasp and placement?
Ans	<div><div><div><div></div></div><div>1. O'Connor Tweezer Dexterity Test</div></div><div><div><div></div></div><div>2. Minnesota Rate of Manipulation Test</div></div><div><div><div></div></div><div>3. O'Connor Finger Dexterity Test</div></div><div><div><div></div></div><div>4. Purdue Pegboard</div></div></div>

Q.50	At initial contact during normal gait, which muscle group is primarily responsible for controlling ankle position?
Ans	<div><div><input type="checkbox"/></div>1. Gastrocnemius-soleus complex</div> <div><div><input checked="" type="checkbox"/></div>2. Tibialis anterior</div> <div><div><input type="checkbox"/></div>3. Tibialis posterior</div> <div><div><input type="checkbox"/></div>4. Peroneus longus</div>
Q.51	Sympathetic neurotransmission can be stimulated by which drug?
Ans	<div><div><input type="checkbox"/></div>1. Methyl dopa</div> <div><div><input type="checkbox"/></div>2. Alfa-Methyl tyrosine</div> <div><div><input checked="" type="checkbox"/></div>3. Imipramine</div> <div><div><input type="checkbox"/></div>4. Reserpine</div>
Q.52	Which of the following tools is MOST appropriate for evaluating basic ADL performance in adults?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Barthel Index</div> <div><div><input type="checkbox"/></div>2. Goniometer</div> <div><div><input type="checkbox"/></div>3. Beck Depression Inventory</div> <div><div><input type="checkbox"/></div>4. Mini-Mental State Examination (MMSE)</div>
Q.53	A neurological condition characterized by involuntary, irregular, and unpredictable movements is:
Ans	<div><div><input type="checkbox"/></div>1. Dystonia</div> <div><div><input checked="" type="checkbox"/></div>2. Chorea</div> <div><div><input type="checkbox"/></div>3. Dysmetria</div> <div><div><input type="checkbox"/></div>4. Intention tremor</div>
Q.54	Static cock-up splint is used for:
Ans	<div><div><input checked="" type="checkbox"/></div>1. Wrist drop</div> <div><div><input type="checkbox"/></div>2. Foot drop</div> <div><div><input type="checkbox"/></div>3. Claw hand</div> <div><div><input type="checkbox"/></div>4. Swan neck deformity</div>
Q.55	In a 3-year-old child with microcephaly, the OT should most likely expect:
Ans	<div><div><input checked="" type="checkbox"/></div>1. Delayed motor milestones and sensory integration difficulties</div> <div><div><input type="checkbox"/></div>2. Hyperactivity without sensory issues</div> <div><div><input type="checkbox"/></div>3. Normal developmental milestones</div> <div><div><input type="checkbox"/></div>4. Acute attention span but impaired memory</div>
Q.56	Which of the following would be most suitable to assess unpredictable working postures, such as those found in the health care industry?
Ans	<div><div><input checked="" type="checkbox"/></div>1. REBA</div> <div><div><input type="checkbox"/></div>2. ManTRA</div> <div><div><input type="checkbox"/></div>3. OWAS</div> <div><div><input type="checkbox"/></div>4. RULA</div>
Q.57	Which clinical sign is MOST indicative of tenosynovitis rather than joint arthritis?
Ans	<div><div><input type="checkbox"/></div>1. Morning stiffness lasting over 1 hour</div> <div><div><input type="checkbox"/></div>2. Joint deformity and malalignment</div> <div><div><input type="checkbox"/></div>3. Crepitus during passive joint movement</div> <div><div><input checked="" type="checkbox"/></div>4. Pain localized along tendon sheath with resisted motion</div>

Q.58	In CBR, ‘Self Advocacy’ refers to:
Ans	<div><div><input checked="" type="checkbox"/></div>1. Develop effective communication to empower people with disabilities</div> <div><div><input type="checkbox"/></div>2. Environment building</div> <div><div><input type="checkbox"/></div>3. Filing RIT in Court</div> <div><div><input type="checkbox"/></div>4. Fight or Flight</div>
Q.59	The measure available to reduce or limit impairment and disabilities is:
Ans	<div><div><input type="checkbox"/></div>1. Secondary prevention</div> <div><div><input checked="" type="checkbox"/></div>2. Tertiary prevention</div> <div><div><input type="checkbox"/></div>3. Primordial prevention</div> <div><div><input type="checkbox"/></div>4. Primary prevention</div>
Q.60	What is the optimal positioning approach for a preterm infant in NICU to promote self-regulation?
Ans	<div><div><input type="checkbox"/></div>1. Upright in a car seat</div> <div><div><input checked="" type="checkbox"/></div>2. Midline, flexed position with boundaries</div> <div><div><input type="checkbox"/></div>3. Prone with hips abducted and externally rotated</div> <div><div><input type="checkbox"/></div>4. Supine with limbs extended</div>
Q.61	During hand therapy post-excision of a pyogenic abscess in the wrist, which symptom warrants IMMEDIATE medical referral?
Ans	<div><div><input type="checkbox"/></div>1. Intermittent shooting pain</div> <div><div><input checked="" type="checkbox"/></div>2. Rapidly increasing swelling and red streaks</div> <div><div><input type="checkbox"/></div>3. Slight stiffness on wrist flexion</div> <div><div><input type="checkbox"/></div>4. Mild warmth at incision</div>
Q.62	A 67-year-old female post-right MCA stroke shows left hemiplegia and spatial neglect. During OT assessment, which intervention principle is MOST effective for managing spatial neglect?
Ans	<div><div><input type="checkbox"/></div>1. CIMT applied on the affected limb</div> <div><div><input type="checkbox"/></div>2. Repetitive task practice using bilateral tasks</div> <div><div><input type="checkbox"/></div>3. Use of mirror therapy for visual reinforcement</div> <div><div><input checked="" type="checkbox"/></div>4. Visual occlusion of the non-affected side</div>
Q.63	Damage to C8 and T1 segments is called?
Ans	<div><div><input type="checkbox"/></div>1. Winging of scapula</div> <div><div><input type="checkbox"/></div>2. Ptosis</div> <div><div><input checked="" type="checkbox"/></div>3. Klumpke's Paralysis</div> <div><div><input type="checkbox"/></div>4. Erb's Paralysis</div>
Q.64	A 45-year-old tailor presents with decreased pinch strength and thumb opposition. On evaluation, you observe thenar atrophy. Which assessment tool would MOST accurately quantify hand dexterity in relation to their occupation?
Ans	<div><div><input type="checkbox"/></div>1. DASH (Disabilities of Arm, Shoulder, and Hand)</div> <div><div><input type="checkbox"/></div>2. Box and Block Test</div> <div><div><input type="checkbox"/></div>3. Nine Hole Peg Test</div> <div><div><input checked="" type="checkbox"/></div>4. Moberg Pickup Test</div>



Q.65	In the early post-operative phase following a skin graft to the palmar surface, the OT should prioritize:
Ans	<div><div><div>✖</div><div>1. Heat modalities for tissue elasticity</div></div><div><div>✖</div><div>2. Fine motor coordination training</div></div><div><div>✔</div><div>3. Graded desensitization and edema control</div></div><div><div>✖</div><div>4. Resistance exercises for grip strength</div></div></div>
Q.66	A client presents with weakness in wrist extension, numbness in the dorsum of the hand, and difficulty grasping objects. Which nerve is most likely compressed?
Ans	<div><div><div>✖</div><div>1. Anterior interosseous nerve</div></div><div><div>✔</div><div>2. Radial nerve at the spiral groove</div></div><div><div>✖</div><div>3. Ulnar nerve at Guyon's canal</div></div><div><div>✖</div><div>4. Median nerve at carpal tunnel</div></div></div>
Q.67	Which of the following BEST defines the principle of "client-centered practice" in Occupational Therapy?
Ans	<div><div><div>✖</div><div>1. Activities are selected based on availability of materials</div></div><div><div>✖</div><div>2. Therapist sets all goals and schedules</div></div><div><div>✔</div><div>3. Client's values, interests, and goals drive the therapy process</div></div><div><div>✖</div><div>4. Therapy focuses on society's view of what the client should do</div></div></div>
Q.68	What OT intervention is most suitable for a woman recovering from a cesarean section struggling with infant care?
Ans	<div><div><div>✖</div><div>1. Cognitive retraining for postpartum mood issues</div></div><div><div>✖</div><div>2. Biofeedback therapy for pelvic floor strengthening</div></div><div><div>✖</div><div>3. Progressive resistance training for abdominal muscles</div></div><div><div>✔</div><div>4. ADL retraining for baby care with adaptive techniques</div></div></div>
Q.69	In a mental hospital setting, which basic OT technique is most suitable to improve attention span and task persistence in clients with chronic psychosis?
Ans	<div><div><div>✖</div><div>1. Unstructured social play</div></div><div><div>✖</div><div>2. Biofeedback</div></div><div><div>✔</div><div>3. Task segmentation and repetition</div></div><div><div>✖</div><div>4. Hypnosis</div></div></div>
Q.70	When prescribing a static orthosis for a client with a recent radial nerve palsy, what is the most critical factor to consider to prevent long-term deformity?
Ans	<div><div><div>✖</div><div>1. Promoting active range of motion</div></div><div><div>✔</div><div>2. Preventing wrist drop via positioning in slight extension</div></div><div><div>✖</div><div>3. Limiting shoulder abduction</div></div><div><div>✖</div><div>4. Enhancing proprioceptive feedback</div></div></div>