Exported On *	2025/09/29 10:47:08
Title *	Question Paper Answer Key
OES Exam *	GPSC04202507 Physical Education Teachers/Taluka Sports Organizer/Zonal Sports Organizer/State Sports Organizer Completed 2025-09-28

Question Description       Hockey aerial ball is legal provided:         A       Always illegal         B       Only goalkeeper may play it         C       Danger is not created and receiving players are spaced safely         D       Only if under 5 m height         E       None of the above         Correct Answer       C         Marks       1		
B Only goalkeeper may play it  C Danger is not created and receiving players are spaced safely  D Only if under 5 m height  E None of the above  Correct Answer C	Question Description	Hockey aerial ball is legal provided:
C Danger is not created and receiving players are spaced safely  D Only if under 5 m height  E None of the above  Correct Answer C	Α	Always illegal
D Only if under 5 m height  E None of the above  Correct Answer C	В	Only goalkeeper may play it
E None of the above  Correct Answer C	С	Danger is not created and receiving players are spaced safely
Correct Answer C	D	Only if under 5 m height
	Е	None of the above
Marks 1	Correct Answer	С
	Marks	1

2	Question Description	When managing an acute soft tissue injury on the field, what is the most evidence-based immediate action to minimize swelling and internal bleeding?
	Α	Apply dry heat and massage the area immediately
	В	Use the RICE method (Rest, Ice, Compression, Elevation)
	С	Wrap the area tightly and resume play
	D	Keep the injured area immobile and apply warm compresses
	Е	None of the above
	Correct Answer	В
	Marks	1

3	Question Description	A robust seeding method to separate top teams in brackets is:
	Α	Random draw only
	В	Snake seeding across brackets
	С	First-come-first-serve
	D	Alphabetical
	Е	None of the above
	Correct Answer	В
	Marks	1
4	Question Description	Which anthropometric index is most limited for athletes?
	Α	BMI
	В	Skinfold sum
	С	DXA body fat %
	D	Circumference ratios
	Е	None of the above
	Correct Answer	A
	Marks	1

5	Question Description	In advanced periodization models for elite endurance athletes, the concept of "reverse periodization" involves which of the following training strategies, and what is its primary physiological rationale?
	Α	Starting with high-volume, low-intensity training and gradually shifting to high-intensity, low-volume work to maximize aerobic base before competition.
	В	Initiating the training cycle with high-intensity, low-volume sessions and progressively increasing volume with moderate intensity to enhance neuromuscular adaptations early.
	С	Alternating between strength and endurance training daily to induce concurrent adaptations without distinct phases.
	D	Focusing exclusively on anaerobic capacity throughout the training year to optimize lactate threshold without aerobic development.
	E	None of the above
	Correct Answer	В
	Marks	1

6	Question Description	Which is NOT a primary objective of PE?
	Α	Physical fitness
	В	Motor skill development
	С	Industrial production skills
	D	Social development
	Е	None of the above
	Correct Answer	C
	Marks	1
7	Question Description	Which factor most significantly determines the rate of lactate clearance during active recovery?
	Α	Core body temperature
	В	Blood pH levels
	С	Intensity of the recovery activity (typically 30-65% VO <sub>2</sub> max)
	D	Hydration status
	=	None of the above
	E	Notice of the above
	Correct Answer	C C

8		In the acute management of a suspected concussion in sports, which symptom pattern indicates the need for immediate emergency medical attention?
	Α	Mild headache with brief confusion that resolves within 2 minutes
	В	Temporary amnesia lasting less than 5 minutes with normal consciousness
	С	Progressive deterioration of consciousness with repeated vomiting
	D	Dizziness and balance problems that improve with rest
	Е	None of the above
	Correct Answer	C
	Marks	1

9	Question Description	What is the optimal post-exercise nutrition timing window for maximizing muscle glycogen resynthesis?
	Α	Within 15 minutes post-exercise
	В	Within 30-60 minutes post-exercise
	С	Within 2-3 hours post-exercise
	D	Timing is irrelevant if total daily carbohydrate intake is adequate
	E	None of the above
	Correct Answer	В
	Marks	1
10	Question Description	What is the primary function of cool-down activities after exercise?
	A	To prevent muscle soreness completely
	В	To gradually return heart rate and breathing to resting levels
	С	To increase muscle flexibility immediately
	D	To relax the body with breathing exercises
	Е	None of the above
	Correct Answer	В
	Marks	1

11	Question Description	Safeguarding in youth sport primarily aims to:
	Α	Improve medals only
	В	Prevent abuse and ensure welfare
	С	Save money
	D	Promote social media
	Е	None of the above
	Correct Answer	В
	Marks	1
	marito	
12	Question Description	The Major Dhyan Chand Khel Ratna (formerly Rajiv Gandhi Khel Ratna) is awarded primarily for:
12		The Major Dhyan Chand Khel Ratna (formerly Rajiv Gandhi Khel Ratna) is awarded primarily for:  Lifetime coaching
12	Question Description	
12	Question Description A	Lifetime coaching
12	Question Description  A  B	Lifetime coaching  The most outstanding performance by a sportsperson in a year
12	Question Description  A  B  C	Lifetime coaching  The most outstanding performance by a sportsperson in a year  Academic excellence in PE
12	Question Description  A  B  C	Lifetime coaching  The most outstanding performance by a sportsperson in a year  Academic excellence in PE  Volunteering
12	Question Description  A  B  C  D	Lifetime coaching  The most outstanding performance by a sportsperson in a year  Academic excellence in PE  Volunteering  None of the above

A B C D		The concept of "Ashtanga" in Patanjali's Yoga Sutras refers to which foundational framework?  Eight physical postures for spiritual awakening  Eight breathing techniques for mental clarity  Eight-limbed path of ethical and spiritual development  Eight meditation styles for consciousness expansion  None of the above
B C D E		Eight breathing techniques for mental clarity  Eight-limbed path of ethical and spiritual development  Eight meditation styles for consciousness expansion
C D E Corre		Eight-limbed path of ethical and spiritual development  Eight meditation styles for consciousness expansion
D E Corre		Eight meditation styles for consciousness expansion
E		
Corre		None of the above
	4 A	
Mark	rect Answer	С
	ks	1
14 Ques	estion Description	What is the official net height for men's volleyball according to FIVB standards?
Α		2.40 meters
В		2.43 meters
С		2.45 meters
D		2.24 meters
E		None of the above
Corre	rect Answer	В
Mark	ks	1

15 Question Description	Which historical figure is widely regarded as the "Father of Modern Physical Education" for his contributions to systematic gymnastics and physical training in the 19th century?
Α	Johann GutsMuths
В	Per Henrik Ling
С	Friedrich Jahn
D	Thomas Arnold
Е	None of the above
Correct Answer	С
Marks	1

16	Question Description	Which type of specific sports training method focuses on periodization to peak performance during competition, incorporating phases like preparation, competition, and transition?
	A	Circuit training
	В	Interval training
	С	Macro-cycle training
	D	Fartlek training
	Е	None of the above
	Correct Answer	С
	Marks	1
17	Question Description	The sequence Surya Namaskar primarily develops:
	Α	Only maximal strength
	В	Mobility, flexibility, moderate aerobic stimulus
	С	Bone mineral density directly
	D	Anaerobic alactic power
	Е	None of the above
	Correct Answer	В
	Marks	1

18	Question Description	During a tennis match, a player experiences sudden onset of severe cramping in the gastrocnemius muscle. What is the most effective immediate management strategy?
	Α	Aggressive massage with deep pressure and heat application
	В	Passive stretching with gentle sustained pressure and electrolyte replacement
	С	Ice application with complete muscle immobilization
	D	Active contraction exercises against resistance
	E	None of the above
	Correct Answer	В
	Marks	1

19	Question Description	For external bleeding first aid, the first step is:
	Α	Tourniquet immediately
	В	Direct pressure with clean dressing
	С	Elevation only
	D	Ice pack only
	Е	None of the above
	Correct Answer	В
	Marks	1
20	Question Description	For a suspected stress fracture in a lower limb during a school sports event, what is the immediate first aid response recommended for physical educators to prevent further damage?
	A	Apply heat and encourage continued activity to assess severity
	В	Immobilize the area, apply ice, and elevate while awaiting medical help
	С	Massage the site vigorously to improve circulation
	D	Administer painkillers without immobilization
	Е	None of the above
	Correct Answer	В
	Marks	1

21	Question Description	Which pranayama technique, suitable for school-age children, primarily involves alternate nostril breathing to balance the nervous system and enhance concentration?
	A	Kapalabhati
	В	Bhastrika
	С	Anulom Vilom
	D	Ujjayi
	Е	None of the above
	Correct Answer	C
	Marks	1
22	Question Description	A key signal of 'readiness to train' used by many coaches is:
	A	Athlete's shoe color
	В	Heart Rate Variability trends + RPE
	С	Instagram likes
	D	Jersey number
	E	None of the above
	Correct Answer	В
	Marks	1

23	Question Description	Detraining primarily affects which capacity earliest?
	Α	Maximal strength
	В	Aerobic enzymes/capacity
	С	Flexibility
	D	Bone density
	Е	None of the above
	Correct Answer	В
	Marks	1
24	Question Description	A typical secondary objective in PE is:
	A	Health and fitness
	В	Social development
	С	Leadership training
	D	Motor learning
	Е	None of the above
	Correct Answer	С
	Marks	1

25	Question Description	In football, a denial of obvious goal-scoring opportunity (DOGSO) with a genuine attempt for the ball inside the penalty area typically results in:
	Α	Red card + penalty
	В	Yellow card + penalty
	С	Play on
	D	Indirect free-kick
	Е	None of the above
	Correct Answer	В
	Marks	1
26	Question Description	According to research on the autonomic nervous system, which specific component shows the most significant improvement through consistent pranayama (breathing) practices?
	A	Sympathetic dominance during stress responses
	В	Heart rate variability and parasympathetic tone
	С	Adrenal cortex hormone production
	D	Peripheral nervous system conductivity
	Е	None of the above
	Correct Answer	В
	Marks	1

27	Question Description	A football player sustains a Grade 2 hamstring strain. Based on current rehabilitation protocols, when is it typically safe to progress to sport-specific activities?
	A	When the athlete reports 50% reduction in pain levels
	В	After 2 weeks of complete rest regardless of symptoms
	С	When achieving 90% strength compared to uninjured side and pain-free functional movement
	D	When able to walk normally without limping
	Е	None of the above
	Correct Answer	С
	Marks	1
28	Question Description	For optimal power development in trained athletes, what is the recommended load range for Olympic lifting movements?
	Α	30-45% of 1RM
	В	50-65% of 1RM
	С	75-90% of 1RM
	D	95-105% of 1RM
	Е	None of the above
	Correct Answer	С
	Marks	1

29	Question Description	What is the primary mechanism by which high-intensity interval training (HIIT) improves VO <sub>2</sub> max more effectively than steady-state cardio?
	Α	Increased mitochondrial density in slow-twitch muscle fibers
	В	Enhanced oxygen-carrying capacity of hemoglobin
	С	Greater recruitment of fast-twitch muscle fibers and improved cardiac output
	D	Elevated resting metabolic rate for 48-72 hours post-exercise
	Е	None of the above
	Correct Answer	С
	Marks	1
30	Question Description	Fit India Movement primarily aims to:
	Α	Elite sport funding
	В	Mass physical activity awareness and behavior change
	С	Only office fitness
	D	Only gym subsidies
	Е	None of the above
	Correct Answer	В

Question Description	Which ongoing government initiative in India, as part of current sports policies, focuses on infrastructure development and talent scouting through annual competitions at block, district, and national levels?
A	Fit India Movement
В	Target Olympic Podium Scheme (TOPS)
С	Khelo India Youth Games
D	National Sports Development Fund
E	None of the above
Correct Answer	С
Marks	1

Question Description	In the structure of Bharat Scouts and Guides, what is the role of the "Patrol System" in fostering youth leadership through sports and outdoor activities?
А	It organizes hierarchical commands for discipline only
В	It divides groups into small teams led by peers to build teamwork, decision-making, and character
С	It focuses solely on award-based incentives without group dynamics
D	It emphasizes individual competitions over collective voluntary service
Е	None of the above
Correct Answer	B
Marks	1
Question Description	In the case of a suspected dislocated shoulder on the field, what is the best initial management?
Α	Attempt to relocate the joint immediately
В	Immobilize the joint and seek medical assistance
С	Apply alternating heat and cold to reduce swelling
D	Encourage full range of motion exercises to test the injury
Е	None of the above
Correct Answer	B
Marks	1

34 Question Description	Studies on yoga's cardiovascular benefits have demonstrated that the practice most significantly improves which hemodynamic parameter?
Α	Maximum heart rate during exercise
В	Resting blood pressure and arterial compliance
С	Blood viscosity and platelet aggregation
D	Cardiac output during physical exertion
E	None of the above
Correct Answer	В
Marks	1

5 Question Description	During the acute phase of a muscle strain injury, what is the most appropriate time frame to apply the RICE protocol before considering other interventions?
Α	Continuously for 72 hours without interruption
В	15-20 minutes every 2-3 hours for the first 24-48 hours
С	45-60 minutes continuously, then reassess after 6 hours
D	Only during the first 6 hours, then switch to heat therapy
Е	None of the above
Correct Answer	В
Marks	1

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36 Question Description	According to the Specific Adaptation to Imposed Demands (SAID) principle, which training method would be MOST effective for improving reactive strength in jumping athletes?
Α	Heavy back squats (85-95% 1RM)
В	Plyometric depth jumps with minimal ground contact time
С	Isometric wall sits for 60-90 seconds
D	High-repetition bodyweight squats (20-30 reps)
E	None of the above
Correct Answer	B
Marks	1
Question Description	Which hormone plays the most critical role in muscle protein synthesis and has its peak natural release during the first 2-3 hours of deep sleep?
Α	Cortisol
В	Insulin-like Growth Factor-1 (IGF-1)
С	Growth Hormone (GH)
D	Testosterone
Е	None of the above
Correct Answer	С
Marks	1

38	Question Description	Which of the following best explains the role of anaerobic endurance in preventing lifestyle diseases like type 2 diabetes?
	Α	It enhances oxygen utilization during prolonged activities, reducing insulin resistance
	В	It improves muscle glycolysis for short bursts, aiding in glucose metabolism and weight control
	С	It focuses on joint mobility, indirectly supporting cardiovascular health
	D	It targets body fat percentage through aerobic means, but not directly anaerobic
	Е	None of the above
	Correct Answer	В
	Marks	1
39	Question Description	What is a key criterion for verifying and issuing a national-level sports certificate in India, particularly regarding documentation procedures for events like the National Games?
	Α	Participation confirmed solely by self-declaration without third-party endorsement
	В	Achievement verified through official results, photographs, and affiliation with recognized federations
	С	Focus only on age eligibility, ignoring performance metrics
	D	Issuance based on coach recommendation without event-specific records
	Е	None of the above
	Correct Answer	В
	Marks	1

40	Question Description	During the preparatory phase of periodization, what should be the primary focus for endurance athletes?
	A	High-intensity interval training at VO2max
	В	Sport-specific skill refinement
	С	High-volume, low-intensity aerobic base building
	D	Maximal strength training with heavy loads
	Е	None of the above
	Correct Answer	С
	Marks	1
41	Question Description	Which breathing technique is best avoided immediately post-meal?
	Α	Bhramari
	В	Sheetali
	С	Kapalabhati
	D	Diaphragmatic breathing
	Е	None of the above
	Correct Answer	C
	Marks	1

42	Question Description	Asthma attack during play is best managed by:
	A	Supine rest
	В	Short-acting beta-agonist inhaler with spacer; remove from triggers
	С	Cold exposure
	D	Hyperventilation
	Е	None of the above
	Correct Answer	В
	Marks	1
43	Question Description	In tennis, a standard 7-point tiebreak is won by:
	A	First to 7 regardless of margin
	В	First to 7 with 2-point margin
	С	First to 6 with 2-point margin
	D	First to 10 with 2-point margin
	Е	None of the above
	Correct Answer	В
	Marks	1

Question Description	In preparing fixtures for a knockout tournament with 16 teams at a state-level event, how many rounds are required, and what is the primary consideration for resource allocation in the time-table?
Α	4 rounds, prioritizing venue availability over bye allocations
В	5 rounds, focusing on equal rest periods between matches
С	4 rounds, ensuring balanced scheduling to avoid fatigue and optimize official assignments
D	3 rounds, emphasizing budget for equipment over match timing
Е	None of the above
Correct Answer	C
Marks	1

According to FIVB regulations, what is the maximum number of consecutive serves a player can make before rotation must occur in volleyball?  A There is no limit - players serve until they lose the rally  B Maximum 5 consecutive serves  C Maximum 7 consecutive serves  D Maximum 10 consecutive serves  E None of the above  Correct Answer A Marks 1  Guestion Description For suspected fracture, appropriate first aid includes:  A Align bone ends  B Splint in position found and immobilize joints above/below  C Ignore deformity  D Force movement  E None of the above  Correct Answer B  Marks 1		
B Maximum 5 consecutive serves C Maximum 7 consecutive serves D Maximum 10 consecutive serves E None of the above Correct Answer A Marks 1 G Question Description For suspected fracture, appropriate first aid includes: A Align bone ends B Splint in position found and immobilize joints above/below C Ignore deformity D Force movement E None of the above Correct Answer B	Question Description	
C Maximum 7 consecutive serves  D Maximum 10 consecutive serves  E None of the above  Correct Answer A Marks 1  G Question Description For suspected fracture, appropriate first aid includes:  A Align bone ends  B Splint in position found and immobilize joints above/below  C Ignore deformity  D Force movement  E None of the above  Correct Answer B	Α	There is no limit - players serve until they lose the rally
Maximum 10 consecutive serves  E None of the above  Correct Answer A Marks 1  Cuestion Description For suspected fracture, appropriate first aid includes:  A Align bone ends  B Splint in position found and immobilize joints above/below  C Ignore deformity  D Force movement  E None of the above  Correct Answer B	В	Maximum 5 consecutive serves
E None of the above  Correct Answer A Marks 1  Guestion Description For suspected fracture, appropriate first aid includes:  A Align bone ends B Splint in position found and immobilize joints above/below  C Ignore deformity  D Force movement E None of the above  Correct Answer B	С	Maximum 7 consecutive serves
Correct Answer Marks  1  Cuestion Description A Align bone ends B Splint in position found and immobilize joints above/below C Ignore deformity D Force movement E None of the above  Correct Answer B	D	Maximum 10 consecutive serves
Marks  1  Question Description For suspected fracture, appropriate first aid includes:  A Align bone ends B Splint in position found and immobilize joints above/below  C Ignore deformity  D Force movement  E None of the above  Correct Answer  B	E	None of the above
Guestion Description  A Align bone ends  B Splint in position found and immobilize joints above/below  C Ignore deformity  D Force movement  E None of the above  Correct Answer  B	Correct Answer	A
A Align bone ends  B Splint in position found and immobilize joints above/below  C Ignore deformity  D Force movement  E None of the above  Correct Answer B	Marks	1
A Align bone ends  B Splint in position found and immobilize joints above/below  C Ignore deformity  D Force movement  E None of the above  Correct Answer B		
Splint in position found and immobilize joints above/below  Ignore deformity  Force movement  None of the above  B	Question Description	For suspected fracture, appropriate first aid includes:
C Ignore deformity  D Force movement  E None of the above  Correct Answer  B	Α	Align bone ends
D Force movement  E None of the above  Correct Answer B	В	Splint in position found and immobilize joints above/below
E None of the above  Correct Answer B	С	Ignore deformity
Correct Answer B	D	Force movement
	E	None of the above
Marks 1	Correct Answer	В
	Marks	1

Anti-doping violations impact awards because:  A They are ignored  B Disqualifications and ineligibility are enforced under NADA/WADA Code  C They increase points  Only warnings given
B Disqualifications and ineligibility are enforced under NADA/WADA Code C They increase points D Only warnings given
C They increase points  D Only warnings given
D Only warnings given
None of the above
Correct Answer B
Marks 1
48 Question Description In the context of periodized training, what characterizes the "supercompensation" phase?
A The immediate fatigue experienced during a workout
The recovery period where fitness temporarily drops below baseline
C The adaptive phase where fitness levels exceed the previous baseline
The detraining period when exercise stimulus is removed
None of the above
Correct Answer C
Marks 1

49	Question Description	Corporate social responsibility (CSR) can fund sports under:
	A	Schedule VII of Companies Act – promotion of sports
	В	Only charity dinners
	С	Foreign grants only
	D	Ticket sales
	E	None of the above
	Correct Answer	A
	Marks	1
50	Question Description	" Education through the physical " emphasises:
	Α	Entertainment value of games
	В	Personality development via activity
	С	Academic rote learning
	D	Fitness-only orientation
	Е	None of the above
	Correct Answer	В
	Marks	1

Comprehension	READ THE PASSAGE AND ANSWER THE QUESTIONS:
	The vastness of the universe, with its billions of galaxies and innumerable stars, fuels ongoing speculation about the existence of extraterrestrial life. Astrobiology, the scientific discipline dedicated to studying life's potential beyond Earth, integrates astronomy, biology, and geology to explore this profound question. Despite decades of observation and advances in space exploration, definitive evidence of alien life remains elusive. However, discoveries of extremophiles on Earth — organisms thriving in conditions previously thought uninhabitable — expand the conceivable habitats where life might exist elsewhere. Furthermore, the identification of exoplanets within habitable zones around distant stars has intensified the search for biosignatures indicative of life. The Fermi Paradox, highlighting the contradiction between the high probability of extraterrestrial civilizations and the lack of contact, emphasizes the complexities of this quest. Reasons for the paradox range from the rarity of advanced life to limits on interstellar communication or travel. As technology progresses, initiatives like the Search for Extraterrestrial Intelligence (SETI) and upcoming space missions aim to unravel these cosmic mysteries, underscoring humanity's profound curiosity about our place in the cosmos.
Question Description	What is the primary focus of astrobiology as mentioned in the passage?
Α	Exploring interstellar travel possibilities
В	Studying life's potential beyond Earth by integrating several scientific fields
С	Contacting alien civilizations directly
D	Cataloging planets in the solar system
Е	None of the above
Correct Answer	В
Marks 1	

The vastness of the universe, with its existence of extraterrestrial life. Astrob integrates astronomy, biology, and go advances in space exploration, definition Earth — organisms thriving in cond life might exist elsewhere. Furthermore intensified the search for biosignatures high probability of extraterrestrial cive Reasons for the paradox range from technology progresses, initiatives like aim to unravel these cosmic mysteries		READ THE PASSAGE AND ANSWER THE QUESTIONS:  The vastness of the universe, with its billions of galaxies and innumerable stars, fuels ongoing speculation about the existence of extraterrestrial life. Astrobiology, the scientific discipline dedicated to studying life's potential beyond Earth, integrates astronomy, biology, and geology to explore this profound question. Despite decades of observation and advances in space exploration, definitive evidence of alien life remains elusive. However, discoveries of extremophiles on Earth — organisms thriving in conditions previously thought uninhabitable — expand the conceivable habitats where life might exist elsewhere. Furthermore, the identification of exoplanets within habitable zones around distant stars has intensified the search for biosignatures indicative of life. The Fermi Paradox, highlighting the contradiction between the high probability of extraterrestrial civilizations and the lack of contact, emphasizes the complexities of this quest. Reasons for the paradox range from the rarity of advanced life to limits on interstellar communication or travel. As technology progresses, initiatives like the Search for Extraterrestrial Intelligence (SETI) and upcoming space missions aim to unravel these cosmic mysteries, underscoring humanity's profound curiosity about our place in the cosmos.
	Question Description	How do extremophiles discovered on Earth contribute to the search for extraterrestrial life?
They prove aliens exist on Earth  They show life can exist in harsh environments		They prove aliens exist on Earth
		They show life can exist in harsh environments
	С	They disprove life beyond Earth is possible
	D	They confuse scientists about possible life forms

None of the above

В

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Ε

Marks

**Correct Answer** 

Comprehension	READ THE PASSAGE AND ANSWER THE QUESTIONS:
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Question Description	What does the Fermi Paradox highlight?
Α	The abundance of alien signals detected
В	The contradiction between probable alien civilizations and no contact
С	The ease of interstellar travel
D	The rarity of planets in the universe
Е	None of the above
Correct Answer	В
Marks	1

Comprehension	READ THE PASSAGE AND ANSWER THE QUESTIONS:
	The vastness of the universe, with its billions of galaxies and innumerable stars, fuels ongoing speculation about the existence of extraterrestrial life. Astrobiology, the scientific discipline dedicated to studying life's potential beyond Earth, integrates astronomy, biology, and geology to explore this profound question. Despite decades of observation and advances in space exploration, definitive evidence of alien life remains elusive. However, discoveries of extremophiles on Earth — organisms thriving in conditions previously thought uninhabitable — expand the conceivable habitats where life might exist elsewhere. Furthermore, the identification of exoplanets within habitable zones around distant stars has intensified the search for biosignatures indicative of life. The Fermi Paradox, highlighting the contradiction between the high probability of extraterrestrial civilizations and the lack of contact, emphasizes the complexities of this quest. Reasons for the paradox range from the rarity of advanced life to limits on interstellar communication or travel. As technology progresses, initiatives like the Search for Extraterrestrial Intelligence (SETI) and upcoming space missions aim to unravel these cosmic mysteries, underscoring humanity's profound curiosity about our place in the cosmos.
Question Description	Which of the following is NOT cited as a potential reason for the Fermi Paradox?
Α	Rarity of advanced life
В	Limitations of interstellar communication
С	Human preference for solitude
D	Limits on interstellar travel
Е	None of the above
Correct Answer	C
Marks	1

Comprehension	READ THE PASSAGE AND ANSWER THE QUESTIONS:
	The vastness of the universe, with its billions of galaxies and innumerable stars, fuels ongoing speculation about the existence of extraterrestrial life. Astrobiology, the scientific discipline dedicated to studying life's potential beyond Earth integrates astronomy, biology, and geology to explore this profound question. Despite decades of observation and advances in space exploration, definitive evidence of alien life remains elusive. However, discoveries of extremophiles on Earth — organisms thriving in conditions previously thought uninhabitable — expand the conceivable habitats where life might exist elsewhere. Furthermore, the identification of exoplanets within habitable zones around distant stars has intensified the search for biosignatures indicative of life. The Fermi Paradox, highlighting the contradiction between the high probability of extraterrestrial civilizations and the lack of contact, emphasizes the complexities of this quest Reasons for the paradox range from the rarity of advanced life to limits on interstellar communication or travel. As technology progresses, initiatives like the Search for Extraterrestrial Intelligence (SETI) and upcoming space missions aim to unravel these cosmic mysteries, underscoring humanity's profound curiosity about our place in the cosmos.
Question Description	What future efforts are described as aiming to unravel the mysteries of alien life?
A	More speculative fiction writing
В	Initiatives like SETI and upcoming space missions
С	Increasing science fiction movies
D	Reducing space funding
Е	None of the above
Correct Answer	В
Marks	1

56		
50	Question Description	Where was the "Semicon India 2025" conference held in September 2025?
	Α	New Delhi
	В	Chennai
	С	Bengaluru
	D	Pune
	Е	None of the above
	Correct Answer	A
	Marks	1
57	<b>Question Description</b>	Recently which Indian ministry released "Ease of Living Index" ranking cities for urban quality of life?
	A	Ministry of Agriculture.
	В	Ministry of Agriculture.  Ministry of Housing and Urban Affairs.
	В	Ministry of Housing and Urban Affairs.
	В	Ministry of Housing and Urban Affairs.  Ministry of town planning.
	B C D	Ministry of Housing and Urban Affairs.  Ministry of town planning.  Ministry of Education.
	B C D	Ministry of Housing and Urban Affairs.  Ministry of town planning.  Ministry of Education.  None of the above

Question I	Description	In which state was India's first Vulture Conservation Portal launched?
Α		Madhya Pradesh
В		Assam
С		Rajasthan
D		Gujarat
E		None of the above
Correct Ar	nswer	В
Marks		1

59	Question Description	Punatsangchhu-II Hydroelectric Project is a major India-supported initiative in which country?
	Α	Nepal
	В	Bangladesh
	С	Bhutan
	D	Myanmar
	E	None of the above
	Correct Answer	С
	Marks	1
60	Question Description	The Kaushalya Dam, important for flood control and water supply, is located in which Indian state?
60	Question Description A	The Kaushalya Dam, important for flood control and water supply, is located in which Indian state?  Haryana
60		
60	Α	Haryana
60	В	Haryana Maharashtra
60	A B C	Haryana Maharashtra Punjab
60	A B C	Haryana Maharashtra Punjab Tamil Nadu
60	A B C D	Haryana Maharashtra Punjab Tamil Nadu None of the above

61	Question Description	What academic calendar change has Goa's education department proposed starting in 2025?
	A	Division into three semesters
	В	Academic year starting in April
	С	School days reduced to three a week
	D	Exams only in November
	Е	None of the above
	Correct Answer	В
	Marks	1
62	Question Description	What new campaign by Goa Tourism was honored with an Excellence Award in August 2025?
	Α	Goa Nightlife Revival
	В	Goa Heritage Walks
	С	Goa Beyond Beaches
	D	Green Goa Initiative
	Е	None of the above
	Correct Answer	С
	Marks	1

63	Question Description	Where was India's first mobile tempered glass factory inaugurated in 2025?
	A	Noida
	В	Pune
	С	Bengaluru
	D	Hyderabad
	Е	None of the above
	Correct Answer	A
	Marks	1
64	Question Description	Which prominent tournament marked Goa's top domestic cricket league in March-April 2025, featuring teams competing in a round-robin format?
	A	Goa 20-20 League
	В	Goa Cricket League
	С	Goa Premier League
	D	Vedant XI Trophy
	D E	Vedant XI Trophy  None of the above
	E	None of the above

Radian state has almostheed pairs to establish a space city and two defence has with a combined investment of ₹3,400 crore?  Andhra Pradesh  B Telangana  C Karnataka  D Tamil Nadu  E None of the above  Correct Answer A  Marks 1	65 <b>Q</b>		
B Telangana C Karnataka D Tamil Nadu E None of the above Correct Answer A Marks 1  66 Question Description B 225 m C 245 m D 250 m E None of the above Correct Answer C 250 m C 260 m	OS Q		Which Indian state has announced plans to establish a space city and two defence hubs with a combined investment of ₹3,400 crore?
C Karnataka  D Tamil Nadu  E None of the above  Correct Answer A Marks 1  66 Question Description The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:  A 200 m  B 225 m  C 245 m  D 250 m  E None of the above  Correct Answer C Correct Answer C C	A		Andhra Pradesh
D Tamil Nadu  E None of the above  Correct Answer A A A A A A A A A A A A A A A A A A A	В		Telangana
E None of the above  Correct Answer A A 1  Guestion Description The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:  A 200 m  B 225 m  C 245 m  D 250 m  E None of the above  Correct Answer C Correct Answer C COrrect Answer C COrrect Answer C C	С		Karnataka
Correct Answer Marks  1  66  Question Description A  200 m  225 m  C  C  D  245 m  D  250 m  E  None of the above  Correct Answer  C  Correct Answer  A  A  A  A  A  A  A  A  A  A  A  A  A	D		Tamil Nadu
Marks  1  Cuestion Description A 200 m  B 225 m  C 245 m  D 250 m  E None of the above  Correct Answer  C C Correct Answer  C Cuestion Description  The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:  200 m  245 m  250 m  C Correct Answer  C C Correct Answer  C Cuestion Description  The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:  200 m  250 m  C Correct Answer  C C Cuestion Description  The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:  200 m  200	E		None of the above
Ge Cuestion Description  The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:  A 200 m  B 225 m  C 245 m  D 250 m  E None of the above  Correct Answer C	C	orrect Answer	A
A 200 m  B 225 m  C 245 m  D 250 m  E None of the above  Correct Answer C	M	arks	1
A 200 m  B 225 m  C 245 m  D 250 m  E None of the above  Correct Answer C			
B 225 m  C 245 m  D 250 m  E None of the above  Correct Answer C	66 <b>Q</b>	uestion Description	The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:
C 245 m  D 250 m  E None of the above  Correct Answer C	A		200 m
D 250 m  E None of the above  Correct Answer C	В		225 m
E None of the above  Correct Answer C	С		245 m
Correct Answer C	D		250 m
	E		None of the above
Marks 1	C	orrect Answer	C
	M	arks	1

67	Question Description	Each question presents a situation and asks you to make a judgment regarding that particular circumstance. Choose an answer based on given information.  Rita, an accomplished pastry chef who is well known for her artistic and exquisite wedding cakes, opened a bakery one year ago and is surprised that business has been so slow. A consultant she hired to conduct market research has reported that the local population doesn't think of her shop as one they would visit on a daily basis but rather a place they'd visit if they were celebrating a special occasion. Which of the following strategies should Rita employ to increase her daily business?
A	4	making coupons available that entitle the coupon holder to receive a 25% discount on wedding, anniversary, or birthday cakes
E	3	exhibiting at the next Bridal Expo and having pieces of one of her wedding cakes available for tasting
(		placing a series of ads in the local newspaper that advertise the wide array of breads
	)	moving the bakery to the other side of town
E	<b>:</b>	None of the above
(	Correct Answer	C
N	Marks	1

Question Description	Select a suitable figure from the four alternatives that would complete the figure matrix.  Select a suitable figure from the four alternatives that would complete the figure matrix.
Α	1
В	2
С	3
D	4
Е	None of the above
Correct Answer	С
Marks	1

69		Find the word that names a necessary part of the underlined word.  facsimile
	Α	depiction
	В	image
	С	mimeograph
	D	copier
	Е	None of the above
	Correct Answer	В
	Marks	1

70	Question Description	Read each definition and all four choices carefully, and find the answer that provides the best example of the given definition.
		<b>Establishing a Power of Attorney</b> occurs when a legal document is created that gives one individual the authority to act for another. Which situation below is the best example of Establishing a Power of Attorney?
	Α	Louise is selling her house and she hires a lawyer to review the contract.
	В	Simone's mother can no longer get to the bank to cash her checks and make deposits, so she has taken legal steps to enable Simone to do these things for her.
	С	Jack's father is elderly and Jack thinks he is no longer able to make decisions for himself.
	D	At her daughter's urging, Mrs.Lenox opens up a retirement account with the local bank.
	E	None of the above
	Correct Answer	В
	Marks	1

71	Question Description	Which word does NOT belong with the others?
	A	unimportant
	В	trivial
	С	insignificant
	D	familiar
	Е	None of the above
	Correct Answer	D
	Marks	1
72	Question Description	A farmer travelled a distance of 61 km in 9 hours. He travelled partly on foot @ 4 km/hr and partly on bicycle @ 9 km/hr. The distance travelled on foot is:
	A	14 km
	В	15 km
	С	16 km
	D	17 km
	Е	None of the above
	Correct Answer	С
	Marks	1

73	Question Description	You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.  Statement: In spite of less than normal rainfall in the catchment areas during the first two months of monsoon of the lakes supplying water to the city the authority has not yet affected any cut in the water supply to the city.  Assumptions:  I. The rainfall during the remaining part of the monsoon may be adequate for normal water supply.  II. The present water level of the lakes supplying water to the city may be adequate for normal supply.
	A	Only assumption I is implicit
	В	Only assumption II is implicit
	С	Either I or II is implicit
	D	Both I and II are implicit
	Е	None of the above
	Correct Answer	D
	Marks	1

74 Question Description	Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.  Problem Figures:  Answer Figures:  Answer Figures: $\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Α	1
В	2
С	3
D	4
Е	None of the above
Correct Answer	В
Marks	1

75	Question Description	Two statements numbered I and II are given. There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements in each question and mark your answer as  Statements:  1. Rural and semi-urban areas in the country have been suffering due to load shedding for quite some time.  11. If the Government is not able to overcome the power crisis, load shedding will be extended even to the urban areas.
	A	Statement I is the cause and statement II is its effect
	В	Statement II is the cause and statement I is its effect
	С	Both the statements I and II are independent causes
	D	Both the statements I and II are effects of some common cause
	Е	None of the above
	Correct Answer	D
	Marks	1