

NATIONAL LAW TRAINING INSTITUTE
AILET MOCK-03
ANSWER KEY AND EXPLANATIONS

1. C

Explanation:

- A. Incorrect. The passage does not suggest that the novels were slow to reflect changes.
- B. Incorrect. The passage does not emphasize the novels' role in reminding citizens of their heritage.
- C. Correct. The novels provided role models that conformed to Communist party policy, suggesting they were government-sanctioned.
- D. Incorrect. The passage does not indicate that the authors presented a variety of experiences far wider than common to their audience.

2. A

Explanation:

- A. Correct. If such fiction focused on successful women's movements, it would contradict the author's claim that early twentieth-century fiction had a bleak outlook on women's emancipation.
- B. Incorrect. This would not support the view that women's emancipation was a significant theme; it would suggest a more positive outlook.
- C. Incorrect. This does not directly challenge the assertion about individualism leading to emancipation.
- D. Incorrect. It would not reinforce the idea that early fiction was pessimistic; it would suggest the opposite.

3. B

Explanation:

- A. Incorrect. Women's issues were addressed, though within a restrictive framework.
- B. Correct. Female characters were portrayed sympathetically, but their social position was not questioned.
- C. Incorrect. Women were not depicted as unique individuals.

- D. Incorrect. Authors did not criticize the male-dominated culture but depicted the restrictions imposed by it.

4. D

Explanation:

- A. Incorrect. This statement does not logically follow the passage's discussion on post-1949 fiction.
- B. Incorrect. The pessimistic view of the 1920s is already discussed, and this statement does not transition well from the previous paragraph.
- C. Incorrect. This statement does not provide a logical continuation of the discussion about post-1949 fiction.
- D. Correct. This statement logically follows from the discussion of post-1949 fiction, providing a specific example of a novel that addresses the changing roles and conflicts experienced by women.

5. A

Explanation:

- A. Correct. The phrase "double burden" refers to the dual responsibilities that women face in both their professional and domestic lives. The passage discusses how women, after 1949, experienced conflicts within family and group relationships due to the responsibilities imposed on them by their domestic roles and their jobs.
- B. Incorrect. Although emotional challenges might be a part of the double burden, the passage specifically refers to the dual roles in domestic and work life.
- C. Incorrect. The passage does not discuss societal expectations in the context of the "double burden"; rather, it focuses on women's practical responsibilities.
- D. Incorrect. Financial strain is not mentioned in the passage as part of the "double burden." The focus is on the dual roles of work and domestic life.

6. B**Explanation:**

- A. Incorrect. The passage argues that assimilation is complex, influenced by class relations and cultural dynamics.
- B. Correct. The author emphasizes the importance of class relations in understanding cultural dynamics in assimilation.
- C. Incorrect. The author critiques the colonialist approach for overlooking class relations.
- D. Incorrect. The passage highlights the significance of indigenous and Afro-Caribbean traditions in cultural dynamics.

7. A**Explanation:**

- A. Correct. The paradox lies in North American social scientists viewing assimilation as beneficial, while island-based writers see it as cultural loss.
- B. Incorrect. This statement reverses the focus of the two groups.
- C. Incorrect. While the passage mentions the role of indigenous and Afro-Caribbean traditions, it does not state that both groups fail to consider them.
- D. Incorrect. The groups differ not only on the cultural implications but also on the perceived benefits and harms of assimilation.

8. B**Explanation:**

- A. Incorrect. The term focuses more on economic and social mobility than on social and cultural aspects.
- B. Correct. The passage links the sociodemographic approach with economic advantage and social mobility.
- C. Incorrect. The term in this context is not about the statistical study of population dynamics.
- D. Incorrect. The term does not directly involve historical and political context in the passage.

9. D**Explanation:**

- A. Incorrect. The passage critiques both social standing and cultural loss factors, not just social standing.
- B. Incorrect. While the passage critiques the benign view of assimilation, it does not solely support this thesis.
- C. Incorrect. The author discusses cultural preservation but also highlights the role of class relations and other factors.
- D. Correct. The author points out the limitations of both North American and island-based approaches to assimilation.

10. A**Explanation:**

- A. Correct. The Puerto Rican writers advocate for the preservation of cultural distinctions, opposing the benign view of assimilation.
- B. Incorrect. The writers resist forced cultural integration and advocate for cultural preservation.
- C. Incorrect. The writers describe assimilation in terms of cultural preservation and resistance.
- D. Incorrect. The writers consider the colonial nature of the Puerto Rican case in their discussions.

11. B**Explanation:**

- A. Incorrect. Stimulating the production of VLDL remnants would not help reduce cholesterol levels.
- B. Correct. Stimulating the production of LDL receptors on the liver would help remove LDL from the blood and reduce cholesterol levels.
- C. Incorrect. Stimulating the production of an enzyme needed for cholesterol production would likely increase cholesterol levels.
- D. Incorrect. Suppressing the production of body cells that use cholesterol is not mentioned as a method for lowering cholesterol levels.

12. C

Explanation:

- A. Incorrect. "Precursor" implies something that comes before, not what remains after a process.
- B. Incorrect. "Byproduct" suggests a secondary product, but "residue" is a more fitting term for what is left after the primary process.
- C. Correct. "Residue" accurately describes what is left behind after the triglycerides are removed.
- D. Incorrect. "Component" implies a part of a whole, which is not the intended meaning in this context.

13. B

Explanation:

- A. Incorrect. The passage is not presenting a hypothesis but describing a discovery process.
- B. Correct. The passage raises a question about cholesterol and heart disease and describes the discovery using Watanabe rabbits.
- C. Incorrect. The passage mentions drug development but focuses more on the discovery process.
- D. Incorrect. The passage does not explain the cause of the genetic mutation but discusses its effects.

14. C

Explanation:

- A. Incorrect. The passage does not specify which body cells are the main users of cholesterol.
- B. Incorrect. The passage does not detail the discovery process of LDL secretion.
- C. Correct. The passage explains that VLDL remnants are degraded in the liver.
- D. Incorrect. The passage does not specify which tissues produce triglycerides.

15. B

Explanation:

- A. Incorrect. Watanabe rabbits lack LDL receptors.

B. Correct. Watanabe rabbits have more VLDL remnants in their blood due to the lack of LDL receptors.

C. Incorrect. The passage does not mention differences in fatty tissues.

D. Incorrect. The passage does not state that Watanabe rabbits secrete lower levels of VLDLs.

16. C

Explanation:

- A. Incorrect. The author does not express skepticism.
- B. Incorrect. The author is not neutral but clearly appreciative.
- C. Correct. The author shows appreciation and admiration for Griffith's contributions.
- D. Incorrect. The author is not critical of Griffith's impact.

17. A

Explanation:

- A. Correct. The passage discusses Griffith's significant contributions to the development of cinema.
- B. Incorrect. The passage discusses more than just editing innovations.
- C. Incorrect. The passage does not primarily focus on the state of cinema before Griffith.
- D. Incorrect. The passage covers a broader scope than just the multireel film.

18. C

Explanation:

- A. Incorrect. There is no emphasis on the speed of exploring new ideas.
- B. Incorrect. The passage emphasizes the role of the camera, not the actors.
- C. Correct. Griffith considered the camera an active element in filmmaking.
- D. Incorrect. While Griffith expanded cinema's range, this statement is too specific.

19. B

Explanation:

- A. Incorrect. The passage does not state

that it limited subject variety.

B. Correct. Multireel pictures increased film length and complexity.

C. Incorrect. The passage does not mention a decline in storytelling quality.

D. Incorrect. The passage does not link multireel pictures to more comedies and melodramas.

20. D

Explanation:

A. Incorrect. The author does not express sympathy.

B. Incorrect. The author does not express nostalgia.

C. Incorrect. The author is not amused by early photography in cinema.

D. Correct. The description implies a condescending view of early cinema photography.

21. C

Explanation:

A. Incorrect. The passage focuses more on the difficulties of linking solar activity with terrestrial phenomena.

B. Incorrect. The passage does not primarily focus on recent scientific developments.

C. Correct. The passage discusses the difficulties in linking solar activity with terrestrial phenomena and how resolving this could impact solar physics.

D. Incorrect. The passage does not recommend abandoning a line of inquiry.

22. B

Explanation:

A. Incorrect. This describes the first model, not the alternative.

B. Correct. The alternative model assumes the field is decaying over time.

C. Incorrect. The passage does not state that internal motions are irrelevant in the alternative model.

D. Incorrect. The passage states that characteristics could change over time in the alternative model.

23. B

Explanation:

A. Incorrect. The passage suggests it is relevant.

B. Correct. The passage indicates it could provide insights into the solar-activity cycle's consistency.

C. Incorrect. The passage suggests the cycle's past existence is still uncertain.

D. Incorrect. The passage does not specify which model it would support.

24. B

Explanation:

A. Incorrect. The Chinese records are mentioned as contradictory, not validating.

B. Correct. The Chinese records are highlighted as contradictory evidence.

C. Incorrect. The passage does not emphasize global observation.

D. Incorrect. The passage does not suggest Chinese records are more reliable.

25. A

Explanation:

A. Correct. The passage suggests Chinese records contradict the data supporting the Maunder minimum.

B. Incorrect. The passage does not address the relationship to climate.

C. Incorrect. The passage does not suggest a regional validity.

D. Incorrect. The passage does not discuss establishing cold weather worldwide.

26. A

Explanation:

A. Correct. The passage introduces and explains a new model for understanding the periodic oscillations between El Nino and anti-El Nino.

B. Incorrect. The passage does not focus on explaining differences between two related phenomena but rather on explaining a single model for El Nino.

C. Incorrect. The passage discusses the success, rather than the limitations, of applying mathematical models to predict

El Nino.

D. Incorrect. The passage does not primarily suggest directions for future research but rather explains an existing model.

27. C

Explanation:

A. Incorrect. The first paragraph does not present and criticize a theory; it presents a successful prediction.

B. Incorrect. The first paragraph does not evaluate the model; it introduces a successful prediction.

C. Correct. The first paragraph reports the successful prediction of El Nino by mathematical models and explains why this is significant.

D. Incorrect. The significance of the phenomenon (El Nino prediction) is explained rather than debated.

28. A

Explanation:

A. Correct. The passage explains that when negative Kelvin waves arrive from the western Pacific, they drive the system into the opposite cold mode, indicating the departure of El Nino.

B. Incorrect. The passage does not specifically mention this process as an indicator of El Nino's departure.

C. Incorrect. The passage does not discuss the bouncing back of Kelvin waves in this context.

D. Incorrect. The speed of Rossby waves crossing the Pacific is not mentioned as an indicator of El Nino's departure.

29. C

Explanation:

A. Incorrect. "Unequivocally" means the opposite of ambiguously.

B. Incorrect. "Unequivocally" means the opposite of uncertainly.

C. Correct. "Unequivocally" in this context means unquestionably or without doubt.

D. Incorrect. "Unequivocally" means the opposite of doubtfully.

30. B

Explanation:

A. Incorrect. Rossby waves do not maintain the sea-level rise in the eastern Pacific; rather, they play a role in lowering sea levels in the western Pacific.

B. Correct. The passage explains that Rossby waves are crucial in initiating the transition from the warm El Niño phase to the cold phase by sending a negative sea-level signal that eventually overcomes the feedback mechanism maintaining the warm phase.

C. Incorrect. The passage indicates that Rossby waves are indeed significant in the overall behavior of El Niño, particularly in transitioning between phases.

D. Incorrect. Rossby waves are associated with the cold phase, not with ending it. Instead, they contribute to the beginning of the cold phase by lowering sea levels, which eventually leads to a new warming cycle when they return as positive Kelvin waves.

31. C

Explanation:

A. Incorrect. The passage doesn't support this prediction about snapdragons, as blending inheritance suggests a mix rather than retaining one parent's trait.

B. Incorrect. This example doesn't align with blending inheritance theory, as blood type inheritance doesn't work by blending.

C. Correct. Blending inheritance would predict that offspring of a white horse and a black horse would result in a gray horse, a mix of the two.

D. Incorrect. Blending inheritance wouldn't predict the result of having one big eye and one small eye on a fly.

32. A

Explanation:

A. Correct. "Wild-type" refers to the normal, nonmutant form of an organism.

B. Incorrect. The passage suggests that

"wild-type" is the normal form, not a rare form.

C. Incorrect. The passage indicates that "wild-type" is not abnormal but rather the standard.

D. Incorrect. "Wild-type" refers to a specific standard form, not something random.

33. A

Explanation:

A. Correct. The author discusses Jenkin and Kelvin's arguments with a tone of respect, acknowledging their scientific contributions.

B. Incorrect. The author does not show contempt but rather discusses the scientific merit of their challenges.

C. Incorrect. The author does not seem to have mixed feelings but presents their contributions and Darwin's responses clearly.

D. Incorrect. The author does not denounce Jenkin or Kelvin; rather, their challenges are discussed seriously.

34. D

Explanation:

A. Incorrect. The passage supports this deduction, as it discusses how Mendel's theory gained attention in the 20th century.

B. Incorrect. Darwin's theory assumed an Earth older than 40 million years, as indicated by the passage.

C. Incorrect. The passage indicates that some of Darwin's ideas about heredity were later disproven.

D. Correct. The passage does not support the notion that both Jenkin and Lamarck supported evolution during Darwin's time.

35. D

Explanation:

A. Incorrect. This supports Darwin's original theory of evolution, not Lamarckian inheritance.

B. Incorrect. This example does not directly support Lamarckian theory, which

focuses on the inheritance of acquired traits.

C. Incorrect. This statement supports creationism, not Lamarckian theory.

D. **Correct.** Lamarckian theory would predict that traits acquired by the parents (e.g., taillessness in rats) could be passed on to their offspring.

36. B

Explanation:

A. Incorrect. "Quandary" refers to a difficult situation, not comfort.

B. Correct. In this context, "quandary" means Darwin was in a dilemma, facing conflicting challenges to his theory.

C. Incorrect. "Quandary" refers to a problem or difficulty, not satisfaction.

D. Incorrect. "Quandary" does not imply assurance but rather uncertainty.

37. B

Explanation:

A. Incorrect. Darwin did not completely abandon natural selection but reduced its role.

B. Correct. The passage indicates that Darwin reduced the role of natural selection in his theory in response to the challenges posed by Jenkin and Kelvin.

C. Incorrect. Darwin did not reject both theories; he adjusted his views but still incorporated elements of both.

D. Incorrect. The objections raised actually led Darwin to weaken his emphasis on natural selection.

38. B

Explanation:

A. Incorrect. The passage is not primarily a critique of Darwin's theory but rather an exploration of the challenges he faced.

B. Correct. The passage discusses the scientific challenges to Darwin's theory and how they influenced his thinking.

C. Incorrect. The passage does not claim that modern science has entirely invalidated Darwin's ideas.

D. Incorrect. The passage does not focus on the theological implications of Darwin's theory.

39. B

Explanation:

A. Incorrect. Darwin would likely have incorporated Mendel's theory to strengthen his own, not disregard natural selection.

B. Correct. If Darwin had known of Mendel's work, he might have embraced it, which could have provided a stronger basis for his theory of evolution.

C. Incorrect. Mendel's work would have been highly relevant to Darwin's theory.

D. Incorrect. There is no indication that Darwin would have rejected Mendel's findings.

40. D

Explanation:

A. Incorrect. "Particulate" does not imply something collective.

B. Incorrect. "Particulate" in this context does not mean divisible.

C. Incorrect. "Particulate" implies discrete units, not something continuous.

D. Correct. In Mendel's theory, "particulate" refers to discrete units (genes) that determine inheritance.

41. D

Explanation:

A. Incorrect. This option does not suggest a situation where Davis' paradigm does not apply.

B. Incorrect. Light currents can allow for sediment accumulation, where Davis' paradigm may still apply.

C. Incorrect. Tidal energy-poor areas might still see some sediment accumulation and therefore could follow Davis' succession model.

D. Correct. A coastline where silt buildup is minimal would likely not follow Davis' succession paradigm, as land-building would not occur.

42. B

Explanation:

A. Incorrect. The early studies did not demonstrate random patterns, but rather consistent distribution patterns.

B. Correct. The early studies produced descriptions that implied zonation from shore to land.

C. Incorrect. The passage doesn't mention accounts of the evolution of mangrove forests over time.

D. Incorrect. The passage doesn't discuss reclassification of species.

43. C

Explanation:

A. Incorrect. This statement is consistent with the information given in the passage.

B. Incorrect. This is supported by the passage, which mentions that hurricanes can disrupt succession and accretion processes.

C. Correct. The passage states that mangroves thrive in saline environments not because they require salt, but because their tolerance to high salinity gives them a competitive advantage.

D. Incorrect. The passage supports the idea that plants with higher metabolic efficiency tend to outcompete others.

44. C

Explanation:

A. Incorrect. "Zonal" in this context does not imply randomness.

B. Incorrect. While layered is close, "stratified" is a more precise description of zonal in this context.

C. Correct. "Zonal" in the passage refers to the distribution of species in distinct zones or strata along the coastline.

D. Incorrect. Sequential implies a chronological order, which is not the primary meaning here.

45. A

Explanation:

A. Correct. The passage suggests that

mangrove species adapted to higher salinities thrive because they outcompete others in such environments, but in freshwater, where salinity is low, these species are less competitive.

B. Incorrect. This option misrepresents the passage; it states that mangroves thrive in high salinity regions due to reduced competition, not because other species are excluded from freshwater.

C. Incorrect. High salinity does not eliminate competition among mangrove species, but rather influences which species are more competitive.

D. Incorrect. Salinity levels do affect competition among mangrove species, according to the passage.

46. D

Explanation:

A. Incorrect. The passage does not focus on disproving the adaptation-to-salt theory but rather discusses various factors influencing zonation.

B. Incorrect. While the passage does mention Florida, it is not limited to describing its zonation pattern.

C. Incorrect. The passage does not argue exclusively against Davis' paradigm for Florida's mangrove forests.

D. Correct. The passage discusses different theories that explain the zonation of coastal mangrove forests.

47. B

Explanation:

A. Incorrect. The passage suggests that competition and environmental conditions would prevent one species from dominating all zones.

B. Correct. The distribution of a species that thrives equally in both high and low salinity environments would likely be unpredictable.

C. Incorrect. The passage does not support the idea that such a species would be excluded from high salinity zones.

D. Incorrect. The passage does not suggest that the new species would necessarily accelerate land-building.

48. C

Explanation:

A. Incorrect. The passage does not support the idea that all species would migrate inland to escape higher salinity.

B. Incorrect. The passage suggests that zonation patterns would still vary based on salinity, so they would not necessarily become more uniform.

C. Correct. Higher salinity levels could allow mangrove species adapted to such conditions to expand their range, potentially displacing other species.

D. Incorrect. The passage does not indicate that rising sea levels would lead to accelerated land-building.

49. A

Explanation:

A. Correct. "Metabolically efficient" in this context means species that can convert resources, such as nutrients and energy, effectively, allowing them to thrive in their specific environment.

B. Incorrect. While metabolic efficiency can contribute to resistance, the primary meaning here relates to resource conversion.

C. Incorrect. The passage does not suggest that "metabolically efficient" species grow rapidly in any condition, just in their optimal conditions.

D. Incorrect. The term "metabolically efficient" refers to effective resource use, not vulnerability to salinity.

50. B

Explanation:

A. Incorrect. "Stable" does not imply evolving, but rather the opposite.

B. Correct. "Stable" in the passage refers to coastlines that are resistant to significant changes, such as sediment accumulation.

C. Incorrect. "Stable" does not imply

frequent erosion.

D. Incorrect. "Stable" does not refer to rapidly expanding coastlines.

51. A

Explanation: IBM introduced the IBM Q System One in 2019, marking the first-ever quantum computer available for commercial use. This development positioned IBM as a leader in the quantum computing industry, making the technology accessible to businesses and researchers worldwide.

52. A

Explanation: Being carbon negative means a country removes more carbon dioxide from the atmosphere than it emits. This can be achieved through various methods, such as afforestation, carbon capture, and the development of green technologies that offset carbon emissions.

53. A

Explanation: In 2021, the first successful xenotransplantation involved transplanting a genetically modified pig heart into a human patient. This breakthrough represents a significant advancement in transplant medicine, potentially addressing organ shortages.

54. C

Explanation: The United Arab Emirates, particularly Dubai, has been at the forefront of integrating autonomous vehicles into its public transportation system.

55. A

Explanation: The "Digital Literacy 2030" initiative aims to ensure that every person globally has access to the internet, recognizing it as a fundamental right and essential for education, economic development, and social inclusion. The initiative focuses on bridging the digital divide and empowering communities through connectivity.

56. A

Explanation: The Tejas Light Combat Aircraft (LCA) is an indigenous multirole fighter aircraft developed by the Aeronautical Development Agency (ADA) in collaboration with the Defence Research and Development Organisation (DRDO) and Hindustan Aeronautics Limited (HAL). It represents a significant achievement in India's defense capabilities, designed to replace the aging fleet of MiG-21s.

57. A

Explanation: Swapnil Kusale, an accomplished Indian shooter, secured a bronze medal in the 50m rifle event at the Paris Olympics 2024. His victory added to India's growing success in shooting sports at the global level, demonstrating the nation's increasing prowess in this discipline.

58. C

Explanation: The Olympic motto "Citius, Altius, Fortius," which means "Faster, Higher, Stronger," was amended in 2021 to include "Communiter," meaning "Together." The new motto "Citius, Altius, Fortius - Communiter" reflects the importance of solidarity and collective effort, particularly in the context of the global challenges posed by the COVID-19 pandemic.

59. A

Explanation: Norway has consistently dominated the Winter Olympics, amassing the most medals in the event's history. Their success is attributed to a strong tradition in winter sports such as cross-country skiing, biathlon, and ski jumping, which have earned them numerous gold medals.

60. C

Explanation: The "Fosbury Flop" is a technique in the high jump where the

athlete clears the bar headfirst and backward. This method was popularized by American high jumper Dick Fosbury, who used it to win the gold medal at the 1968 Mexico City Olympics, revolutionizing the sport and making it the dominant technique used by high jumpers today.

61. D

Explanation: During Vietnamese Prime Minister Pham Minh Chinh's visit to India from July 30 to August 1, 2024, the Indian government announced \$300 million in loans to strengthen Vietnam's maritime security. Nine agreements were signed, including Vietnam joining the Coalition for Disaster Resilient Infrastructure (CDRI) and a plan to develop the National Maritime Heritage Complex (NMHC) at Lothal, Gujarat. The visit marked a significant step in deepening India-Vietnam ties.

62. C

Explanation: India is ranked 8th in global agricultural exports, reflecting its significant role in the global agricultural market. This ranking highlights the country's diverse agricultural production and its increasing presence in international markets, particularly in exports of rice, wheat, and spices.

63. A

Explanation: The CSIR-National Botanical Research Institute (NBRI) in Lucknow developed a herbal product named 'NBRI-Gout Out' specifically to treat gout, a form of arthritis characterized by severe pain and swelling in the joints. This development is a step forward in offering an alternative, natural remedy to manage and potentially alleviate gout symptoms.

64. B

Explanation: The "Varuna" naval exercise is an annual bilateral exercise between the

navies of India and France. This exercise aims to enhance interoperability and understanding between the two navies, focusing on maritime security and the ability to conduct joint operations. It is a key element of the strategic partnership between India and France.

65. B

Explanation: "Ajeya Warrior" is a biennial military exercise conducted between India and the United Kingdom, focusing on special forces operations, counter-terrorism, and enhancing military cooperation. This exercise is crucial for both nations as it strengthens defense ties and prepares their armed forces for modern-day security challenges.

66. D

Explanation: The Volga River is not located in France but in Russia. It is the longest river in Europe and flows entirely within Russia, highlighting the incorrect pairing with France.

67. C

Explanation: The Kepler Space Telescope was primarily used for detecting exoplanets by monitoring stars for the tiny dips in brightness caused by orbiting planets. It was not involved in X-ray astronomy, which is the study of astronomical objects at X-ray wavelengths.

68. C

Explanation: The Uffizi Gallery is located in Florence, Italy, not Rome. It is one of the most famous art museums in the world, known for its outstanding collection of Renaissance art.

69. B

Explanation: The Paris Agreement includes Nationally Determined Contributions (NDCs), a Global Stocktake to assess progress, and commitments to Climate Finance to support developing countries. Carbon Pricing, while

significant in climate policy, is not a direct component of the Paris Agreement itself.

70. D

Explanation: All the listed states (Maharashtra, Tamil Nadu, Uttar Pradesh, and Goa) have implemented some form of ban on single-use plastics, reflecting a nationwide effort to combat plastic pollution.

71. C

Explanation: South Korea, Indonesia, and Turkey are not members of the BRICS group. BRICS is an association of five major emerging economies: Brazil, Russia, India, China, and South Africa.

72. C

Explanation: The ICJ's notable maritime boundary case involved Somalia and Kenya, not the Maldives or Yemen. This ruling was significant in resolving a long-standing dispute over maritime borders in the Indian Ocean.

73. C

Explanation: World Elephant Day is observed on 12 August each year to raise awareness about the urgent plight of elephants, both in the wild and in captivity.

74. B

Explanation: As of August 12, 2024, researchers believe they may have discovered the world's oldest solar calendar in southern Turkey. The calendar is carved into a 12,000-year-old monument at Göbekli Tepe, an ancient archaeological site that dates back to the beginning of the Holocene.

75. C

Explanation: The 52nd Amendment of the Indian Constitution, also known as the Anti-Defection Law, gave clear constitutional recognition to political parties, addressing the issue of political defections and ensuring party discipline.

76. A

Explanation: The concept of Emergency Provisions and its impact on Fundamental Rights in the Indian Constitution was borrowed from the Weimar Constitution of Germany, allowing the suspension of certain rights during emergencies.

77. C

Explanation: In July 2024, the Kerala General Education Department designed India's first "inclusive sports manual" for differently-abled children. The manual's goal is to promote the sports talents of differently-abled children and ensure they can participate in sports.

78. B

Explanation: Recently, the Women Entrepreneurship Platform (WEP) and TransUnion CIBIL launched the SEHER program to empower women entrepreneurs in India. It aims to increase awareness among women entrepreneurs about finances, accessing and managing credit by providing personalised resources and tools

79. D

Explanation: The Asian Infrastructure Investment Bank (AIIB) is not part of the World Bank Group. The World Bank Group consists of the International Bank for Reconstruction and Development (IBRD), International Development Association (IDA), International Finance Corporation (IFC), Multilateral Investment Guarantee Agency (MIGA), and the International Centre for Settlement of Investment Disputes (ICSID).

80. C

Explanation: Japan holds the largest voting power in the Asian Development Bank (ADB), reflecting its significant influence and contribution to the institution since its inception.

81. D**Explanation:**

- A. Incorrect. Stating that Mohan and the manager think the same way does not address relevant qualifications for the project.
- B. Incorrect. Offering the email sender another project does not justify Mohan's selection for the current project.
- C. Incorrect. Age is irrelevant unless it impacts experience or suitability for the project.
- D. Correct. Mohan has the relevant experience in the specific SAP area needed for the project, which justifies his selection.

82. D**Explanation:**

- A. Incorrect. While performance ratings matter, they do not directly address the specific needs for the position.
- B. Incorrect. Offering another campaign doesn't address the issue of Sarah's promotion.
- C. Incorrect. Additional certifications do not explain why Sarah is a better fit for this particular role.
- D. Correct. Sarah's expertise in digital marketing aligns with the company's future strategy, making her promotion justified.

83. A**Explanation:**

- A. Correct. Competitive pricing directly impacts procurement decisions and justifies choosing XYZ Corp.
- B. Incorrect. Future consideration of the current vendor does not explain why XYZ is chosen now.
- C. Incorrect. Supply chain advantages alone do not necessarily justify the decision.
- D. Incorrect. Quality ratings are important but may not be the decisive factor compared to pricing.

84. A**Explanation:**

- A. Correct. Dr. Lee's project aligns with strategic goals, which justifies more funding allocation.
- B. Incorrect. Alternative funding for the colleague's project does not justify the decision.
- C. Incorrect. Potential breakthroughs are speculative and not strong enough to justify more funding.
- D. Incorrect. External funding is not directly relevant to the department's allocation decision.

85. C**Explanation:**

- A. Incorrect. Inconsistent performance reviews do not directly address the qualifications for the promotion.
- B. Incorrect. Peer feedback alone may not be sufficient to weaken the decision for promotion.
- C. Correct. Lack of experience in key areas directly impacts Julia's qualification for the Senior Analyst role.
- D. Incorrect. Leadership training is relevant, but it's not the most significant issue weakening the promotion.

86. D**Explanation:**

- A. Incorrect. While trees being cut down contributes to habitat loss, the statement is more specific about human responsibility for the conflict.
- B. Incorrect. The focus is not on the fact that elephants kill humans but on why it happens.
- C. Incorrect. The passage doesn't suggest that the elephant population is outgrowing the human population.
- D. Correct. The passage indicates that human activities are leading to habitat loss, causing elephants to stray into human areas.

87. A

Explanation:

A. Correct. The company is reducing the workforce to stabilize its financial situation, which is implied.

B. Incorrect. The statement doesn't suggest that the current workforce is unnecessary for maintaining operations.

88. A

A. Correct. The assumption is that the new software will be more efficient than the current methods.

B. Incorrect. The statement doesn't directly imply that employees are capable of learning the software, only that they will be required to use it.

89. A

Explanation:

A. Correct. The assumption is that higher taxes will discourage people from purchasing luxury goods.

B. Incorrect. While it may be a reason for the action, the statement does not explicitly suggest that excessive spending is currently a major problem that requires addressing.

90. D

Explanation:

A. Incorrect. The statement does not mention the liver's natural ability to recover on its own.

B. Incorrect. This may be true but is not directly implied in the statement.

C. Incorrect. The drug is developed for heavy drinkers but may not be exclusive to them.

D. Correct. The statement assumes that heavy drinkers find it difficult to stop consuming alcohol, hence the need for the drug.

91. D

Explanation:

Five persons are facing the center based on

the arrangement clues provided in the passage.

92. D

Explanation:

The person, who likes orange, is facing the same direction as the person who likes yellow i.e away from the center.

93. C

Explanation:

A is related to white, following the pattern established in the question.

94. C

Explanation:

(A) Incorrect. A is not facing G.

(B) Incorrect. C is not facing H.

(C) Correct. D is facing the person who likes red.

95. C

Explanation:

(A) Incorrect. A does not like red.

(B) Incorrect. C does not like green.

(C) Correct. D likes violet.

(D) Incorrect. B does not like black.

96. B

Explanation:

(I) Incorrect. The passage states that automation could lead to job displacement, but it does not suggest widespread unemployment is inevitable.

(II) Correct. Economists in the passage suggest automation may create new job opportunities in the long run.

97. B

Explanation:

(A) Incorrect. The passage does not specify that automation will only replace low-skilled jobs.

(B) Correct. The passage assumes that the job market will have the ability to adapt and create new roles.

(C) Incorrect. There is no mention of companies investing in retraining employees.

(D) Incorrect. The passage does not claim that technological advancements are inherently beneficial to all sectors.

98. A

Explanation:

(A) Correct. The passage implies that automation brings efficiency gains, which suggests it is cost-effective for companies.

(B) Incorrect. The passage does not address the level of education required for new job roles.

(C) Incorrect. While efficiency gains are discussed, the passage does not frame them as essential for business growth.

(D) Incorrect. The passage suggests job displacement but does not frame it as inevitable.

99. C

Explanation:

(A) Incorrect. While the future of work is discussed, the focus is more on the potential for new opportunities.

(B) Incorrect. The passage does not argue that automation will have a net negative effect.

(C) Incorrect. The passage presents both benefits and risks without clearly weighing one against the other.

(D) Correct. The passage discusses both the disruption and the potential for new opportunities created by automation.

100. D

Explanation:

(A) Incorrect. The passage does not suggest a permanent reduction in demand for human labor.

(B) Correct. The reasoning is that automation may eliminate certain jobs while simultaneously creating new sectors and roles.

(C) Incorrect. The passage does not argue that companies will reduce their workforce due to automation costs.

(D) Incorrect. The passage does not

suggest that job displacement will only affect low-income workers.

101. C

Explanation: DGM is from Sydney as per the clues provided.

102. B

Explanation: There are three persons senior to the person from Mumbai: one from Berlin, one from London, and one from Tokyo.

103. D

Explanation: Sarah is the only person in the group who holds the position of Assistant Manager, which makes her different from the rest.

104. B

Explanation: Aamir is related to CEO as per the pattern described, where the relationship follows a hierarchy in positions.

105. A

Explanation: Ananya is from New York according to the information provided in the clues.

106. B

Explanation:

(A) Incorrect. No relationship between shots and stems can be inferred from the given statements.

(B) Correct. Since no plant is a stem and all shirts are plants, no shirt can be a stem either.

(C) Incorrect. As per the statements, no plant is a stem, and all shirts are plants, so shirts cannot be stems.

(D) Incorrect. Since all shirts are plants and some shots are shirts, some shots must be plants.

107. D

Explanation:

(A) Incorrect. No relationship between mills and patches is established.

(B) Incorrect. No information suggests that

books and malls are related in any way.
(C) Incorrect. No conclusion about malls and books can be drawn from the given information.
(D) Correct. None of the provided conclusions logically follow from the statements.

108. A

Explanation:

- (A) Correct. Since all waiters are writers and some players are waiters, some players must be writers.
(B) Incorrect. This conclusion does not follow from the given statements.
(C) Incorrect. There is no either/or condition here, as one conclusion follows logically.
(D) Incorrect. The first conclusion follows, so neither (1) nor (2) is incorrect.

109. C

Explanation:

- (A) Incorrect. No relationship between all men and mammals is established.
(B) Incorrect. Not all mammals are men; only some are vertebrates.
(C) Correct. It follows that some vertebrates are mammals, based on the statements.
(D) Incorrect. The relationship between vertebrates and men does not imply that all vertebrates are men.

110. D

Explanation:

- (A) Incorrect. The statements do not suggest that some radios are tables or that all T.V. are tables.
(B) Incorrect. The statements do not suggest that some tables are radios or that all radios are T.V.
(C) Incorrect. The conclusions provided do not logically follow from the premises.
(D) Correct. None of the conclusions follow logically from the given statements.

111. A

Explanation:

- (A) **Correct.** If the same species of sunflower exhibits improved growth with fertilizers rich in nitrogen and phosphorus, it supports the hypothesis that nutrient availability in slightly acidic soil contributes to enhanced growth.
(B) Incorrect. This option does not address the relationship between soil pH and nutrient availability.
(C) Incorrect. The presence of fungal infections in neutral to alkaline soil is relevant but does not directly strengthen the hypothesis about nutrient availability.
(D) Incorrect. The growth rate of other plant species is not related to the hypothesis concerning sunflower growth and nutrient availability.

112. A

Explanation:

- (A) **Correct.** If studies show that car usage remained unchanged in cities with improved public transportation, it weakens the argument that the new system will significantly reduce traffic congestion.
(B) Incorrect. The initial costs do not directly weaken the argument about reducing traffic congestion.
(C) Incorrect. Preferences for electric bicycles and scooters do not directly relate to the effectiveness of the new public transportation system in reducing traffic congestion.
(D) Incorrect. Reduction in carbon emissions relates to air quality, not directly to traffic congestion.

113. C

Explanation:

- (A) Incorrect. Fewer sick days might support productivity but does not specifically strengthen the suggestion about natural lighting's impact.
(B) Incorrect. Higher profits do not necessarily relate directly to productivity

boosts from natural lighting.

(C) **Correct.** If natural lighting improves mood and energy levels in various studies, it supports the researchers' suggestion that natural light enhances productivity by regulating circadian rhythms.

(D) **Incorrect.** The use of personal lamps does not strengthen the argument about natural lighting's impact.

114. A

Explanation:

(A) **Correct.** If reusable bags need to be used many times to have a lower environmental impact than single-use plastic bags, it weakens the argument that banning single-use plastic bags will reduce plastic waste.

(B) **Incorrect.** Reduced single-use plastic bag usage does not address the environmental impact of reusable bags.

(C) **Incorrect.** A decrease in plastic bag usage does not address the environmental impact argument of reusable bags.

(D) **Incorrect.** Increased grocery costs are unrelated to the environmental impact argument.

115. A

Explanation:

(A) **Correct.** If the new drug has a longer duration of effectiveness compared to existing medications, it supports the claim that the new drug is a breakthrough in treating chronic migraines.

(B) **Incorrect.** Immediate relief from switching drugs does not confirm the breakthrough status.

(C) **Incorrect.** Cost comparison does not address the effectiveness of the new drug.

(D) **Incorrect.** Approval from health authorities is relevant but does not specifically demonstrate why the drug is a breakthrough in terms of effectiveness.

116. C

Explanation:

(A) **Correct.** Since all packages delivered

in the morning slot were after the packages delivered in the evening slot, and the number of morning packages is one less than the evening ones, the seventh day must be a package from the evening slot. Given that B is the sixth package and G is delivered before F but in different slots, and we need to accommodate all conditions, D fits the description for the seventh day.

(B) **Incorrect.** G cannot be the seventh package based on the conditions provided.

(C) **Incorrect.** F cannot be the seventh package due to the constraints.

(D) **Incorrect.** The only valid option for the seventh day is D.

117. D

Explanation:

(A) **Incorrect.** C is the first to be delivered, and G was delivered before F in different slots, which does not fit the evening slot order given in this option.

(B) **Incorrect.** B is the sixth package, so this order cannot be valid.

(C) **Incorrect.** E should be included in the morning slot, making this sequence invalid for the evening slot.

(D) **Correct.** The valid order of packages delivered in the evening slot is C, G, D, E, based on the constraints provided.

118. D

Explanation:

(A) **Incorrect.** The seventh day package is D, not D on the seventh day.

(B) **Incorrect.** The second day cannot be D due to the constraints.

(C) **Incorrect.** The sixth day is occupied by B, not D.

(D) **Correct.** Based on the constraints and the order of packages, D was delivered on the fifth day.

119. D

Explanation:

(A) **Incorrect.** A is not necessarily delivered on the third day; it depends on

the arrangement of other packages.

(B) Incorrect. The fourth day cannot be determined definitively from the given information alone.

(C) Incorrect. The fifth day is not directly determinable for A.

(D) **Correct.** With the given constraints, the exact day A was delivered cannot be determined definitively.

120. A

Explanation:

(A) **Correct.** Based on the constraints, D was delivered in the evening slot.

(B) Incorrect. The sixth day was occupied by B, so F was not delivered on the sixth day.

(C) Incorrect. G being delivered next to B is not supported by the constraints given.

(D) Incorrect. Option A is definitely true based on the provided information.

121. B

Explanation:

Point Y is 6m north of Point X. Point F is 8m west of Point T, and T is 6m south of Point R. Therefore, Point F is 6m directly west of T and 12m south of R. Since Point R is directly south of Q and Q is 12m north of Z, and Z is 12m south of Q, the direction of Point Y with respect to Point F is South-east.

122. B

Explanation:

To find the shortest distance between Point F and Point R:

- Point R is 8m west of Q.
- Point F is 8m west of T, and T is 6m south of R.
- Hence, the direct line from F to R is a straight line with horizontal distance 8m (west) and vertical distance 6m (south), giving a hypotenuse of $\sqrt{(8^2 + 6^2)} = 10\text{m}$.
- Point Q is directly east of Point R. Hence, the direction of Point Q with respect to Point R is East.

123. B

Explanation:

To find the shortest distance between Point M and Point X:

- Point M is 8m west of Z.
- Point X is 6m north of Y and Y is 12m east of Z.
- Therefore, M is directly west and 6m south of X.
- Using Pythagoras' theorem, the distance is $\sqrt{(8^2 + 6^2)} = 10\text{m}$.

124. C

Explanation:

To determine the direction of Point T with respect to Point M:

- Point T is 6m south of Point R.
- Point M is 8m west of Z, and Z is directly north of T.
- Therefore, T is south-west of M.

125. D

Explanation:

To determine the direction of Point V with respect to Point X:

- Point V is 6m west of M.
- Point X is 6m north of Y, and Y is directly east of M.
- Hence, Point V is 6m directly west of M and 6m south of X.
- The direction of V with respect to X is South-west.

126. A

Explanation:

(A) Correct. The major premise states that if it rains, the ground gets wet, and the minor premise confirms that it is raining. Therefore, it logically follows that the ground is wet.

(B) Incorrect. The conclusion contradicts the minor premise.

(C) Incorrect. This conclusion contradicts the major premise given that it is raining.

(D) Incorrect. There is no information about snow in the premises.

127. A**Explanation:**

(A) Correct. The major premise states that if people exercise regularly, they stay healthy, and the minor premise confirms that John exercises regularly. Therefore, John will stay healthy.

(B) Incorrect. This conclusion contradicts the major premise.

(C) Incorrect. The conclusion contradicts the minor premise.

(D) Incorrect. There is no information about John being unhealthy in the premises.

128. C**Explanation:**

(A) Incorrect. Political stability is relevant but not directly related to labor costs and trade agreements.

(B) Incorrect. The corporation's reputation does not directly address the issue of labor costs or trade agreements.

(C) Correct. The history of inconsistent enforcement of labor and environmental regulations in the developing country is critical to understand the potential risks and implications of shifting manufacturing operations there.

(D) Incorrect. The concerns of the current workforce are not directly relevant to the potential benefits or risks of moving operations.

129. B**Explanation:**

(A) Incorrect. Successful pilots do not address the current budget and debt constraints.

(B) Correct. The proposal of tax reforms to fund the UBI program addresses the critical issue of how the program would be financed given the high public debt and budget deficit.

(C) Incorrect. Inflationary pressures are a consideration but do not directly address the financing issue.

(D) Incorrect. Employment conditions are relevant to UBI's potential impact but do not address funding.

130. A**Explanation:**

(A) Correct. The investment in advanced online learning platforms and tools is relevant for understanding the feasibility and potential effectiveness of mandatory online courses.

(B) Incorrect. Student concerns are important but do not directly address the university's rationale for implementing online courses.

(C) Incorrect. Research on subject suitability is relevant but does not address the need for mandatory online courses.

(D) Incorrect. Faculty opinions are important but do not address the effectiveness and practicality of online courses from a broad perspective.

131. B**Explanation:**

(A) Incorrect. The sale agreement is voidable due to undue influence, not valid. The agreement between Nath and Piyush is also void.

(B) Correct. The sale agreement is voidable due to undue influence, as Vinod was influenced by Piyush's actions. The agreement between Nath and Piyush is void as the object is unlawful due to the use of the house for cannabis.

(C) Incorrect. The sale agreement is voidable due to undue influence, but the agreement between Nath and Piyush is void due to the unlawful object.

(D) Incorrect. Both agreements are not valid as the sale agreement is voidable and the agreement between Nath and Piyush is void.

132. C**Explanation:**

(A) Incorrect. The contract is voidable due to undue influence, not void due to an

unlawful object.

(B) Incorrect. The validity of the contract is compromised due to undue influence, regardless of Raj's voluntary agreement.

(C) Correct. The contract is voidable due to undue influence, as Megha exploited Raj's financial struggles to secure a lower price.

(D) Incorrect. The contract is voidable due to undue influence, not just because Raj was aware of the signing.

133. B

Explanation:

(A) Incorrect. The sale agreement is voidable due to undue influence. The agreement between Suman and Rohan is void due to its unlawful object.

(B) Correct. The sale agreement is voidable due to undue influence, as Rohan exploited his relationship with Arjun. The agreement between Suman and Rohan is void due to the unlawful object of manipulating Arjun into a disadvantageous deal.

(C) Incorrect. The sale agreement is voidable due to undue influence, but the agreement between Suman and Rohan is void.

(D) Incorrect. Both agreements are not valid as the sale agreement is voidable and the agreement between Suman and Rohan is void.

134. A

Explanation:

(A) Correct. The sale agreement is voidable due to undue influence, as Ravi took advantage of Ramesh's dependency and trust.

(B) Incorrect. The sale agreement is voidable due to undue influence, regardless of Ramesh's agreement.

(C) Incorrect. The sale agreement is voidable due to undue influence, not void due to deception.

(D) Incorrect. The agreement is voidable

due to undue influence, not simply because Ramesh was aware of the transaction.

135. A

Explanation:

(A) Correct. The sale agreement is voidable as Anil used undue influence to exploit Naina's financial desperation.

(B) Incorrect. The agreement is voidable due to undue influence, even though Naina agreed to the sale.

(C) Incorrect. The agreement is voidable due to undue influence, not void due to the unlawful object.

(D) Incorrect. The agreement is voidable due to undue influence, not because Naina was aware of the terms.

136. B

Explanation:

(A) Incorrect. While Zaid's actions fulfill the requirements for libel, Radhika's further dissemination of the defamatory material holds her liable as well.

(B) Correct. Zaid is liable for libel because he wrote a false and derogatory statement accusing Adil of fraud. Radhika, by further spreading the defamatory content, becomes liable for repeating the libel. Both parties have committed actionable defamation.

(C) Incorrect. Radhika alone is not solely liable. Zaid's initial defamatory statement is critical to the libel case.

(D) Incorrect. Both Zaid and Radhika are liable because the defamatory statement was published, and harm to Adil's reputation occurred.

137. C

Explanation:

(A) Incorrect. All the essentials of defamation are fulfilled in this case, including a defamatory statement, publication, and harm to Ashu's reputation.

(B) Incorrect. Even though the emails were sent from Ashu's account, Salim is the one

who published the defamatory statements, which still fulfills the requirement of defamation.

(C) Correct. Salim is liable as all the essentials of defamation are met. He sent unsolicited defamatory emails from Ashu's account, damaging Ashu's reputation among their co-workers.

(D) Incorrect. Salim's actions satisfy the elements of criminal defamation, so he cannot escape liability.

138. D

Explanation:

(A) Incorrect. While Laphingstan is a third state, the prohibition against torture is a Jus Cogens norm, meaning it cannot be derogated under any treaty.

(B) Incorrect. While Kilnabad's actions may have played a role, the focus is on Laphingstan's violation of Jus Cogens norms.

(C) Incorrect. Jus Cogens norms cannot be overridden by treaties. Therefore, Almland has the right to challenge the violation of these norms.

(D) Correct. Laphingstan is bound by Jus Cogens norms, which prohibit torture under any circumstances, regardless of the extradition treaty's provisions. Torture is prohibited universally and cannot be justified by the absence of a specific treaty.

139. A

Explanation:

(A) Correct. The authorities displayed gross negligence by not providing additional security despite prior warnings of the attack, making the state vicariously liable. The negligent handling of the situation falls outside the scope of sovereign functions.

(B) Incorrect. While maintaining jail facilities is a sovereign function, the gross negligence in this case removes the state's immunity.

(C) Incorrect. Securing law and order can

be considered a sovereign function, but negligence in responding to specific threats makes the state liable.

(D) Incorrect. The state can be held responsible when it is negligent in protecting individuals in its custody, even if the cause of harm stems from personal rivalries.

140. A

Explanation:

(A) Correct. The failure to maintain the ferry is not a sovereign function. The government's responsibility to maintain public services includes ensuring the safety of its ferries. Negligence in this case makes the state liable.

(B) Incorrect. Operating a ferry may be a public function, but maintenance negligence is not considered a sovereign function, so immunity does not apply.

(C) Incorrect. Although there was gross negligence, the more accurate reasoning is that ferry maintenance is not a sovereign function.

(D) Incorrect. The state is not immune from tortious liability in cases involving gross negligence, especially when it comes to safety.

141. A

Explanation:

(A) Correct. The unlawful orders to open fire on innocent civilians were not part of a sovereign function, and the families can succeed in their claim against the state for unlawful actions.

(B) Incorrect. While maintaining law and order is a sovereign function, the unlawful nature of the orders negates the state's immunity.

(C) Incorrect. Although the actions were unlawful, the more specific reasoning is that unlawful orders do not fall under sovereign functions.

(D) Incorrect. Even if the police were acting under orders, the state cannot claim

immunity for illegal actions resulting in civilian deaths.

142. A

Explanation:

(A) Correct. Surbhi has a motive to murder Jyoti due to jealousy over Pranjal's love for her. However, there is no indication of the requisite *mens rea* (criminal intent) necessary to establish her culpability in the murder.

(B) Incorrect. While Surbhi may have a motive due to jealousy, there is no evidence of *mens rea* that indicates she intended to kill Jyoti.

(C) Incorrect. There is no evidence suggesting that Jyoti had any motive or *mens rea* to murder Pranjal and Surbhi. She was only jealous of Surbhi's popularity, but she never acted on it.

(D) Incorrect. There is no indication that Jyoti had *mens rea* or motive to murder Surbhi, as she would not harm her physically or mentally despite her jealousy.

143. C

Explanation:

The logic for the given series is-
 $X - 3X, X + 6x, X - 9x, x + 12x, x - 15x,$
and so on.

Hence, the required term would be the sixth term i.e $x + 18x$, where x is the position of the required number.

$$\begin{aligned} &= 19x \\ &= 19 \times 6 \\ &= 114 \end{aligned}$$

144. B

Explanation:

In 2015, Neil's birthday was on Monday. 2016 was a leap year, so from 2015 to 2017, two extra days are added to the calendar. Therefore, Neil's birthday in 2017 will be on Thursday (Monday + 2 days).

145. A

Explanation:

The pattern alternates between reversing and shifting the letters:

$F \rightarrow G \rightarrow H \rightarrow I \rightarrow J$ (first letter),

$A \rightarrow A \rightarrow A \rightarrow A \rightarrow A$ (second letter stays the same),

$G \rightarrow F \rightarrow I \rightarrow H \rightarrow K$ (third letter).

Thus, the next term is "JAK."

146. C

Explanation:

P - M means P is the brother of M.

M + N means M is the mother of N.

N x Q means N is the sister of Q.

Thus, P is the maternal uncle of Q.

147. A

Explanation:

The "daughter of the father of my uncle" refers to the girl's mother, so the boy is the son of her mother. Hence, the boy is her brother.

148. A

Explanation:

K is the daughter-in-law of A and the wife of L. E is the son of J, and C (E's mother) is the sister of B (who is married to A).

Therefore, K is E's aunt by marriage.

149. B

Explanation:

Travel: Itinerary refers to a plan or schedule for travel. Similarly, School: Timetable refers to a schedule or plan for school.

150. C

Explanation:

The code for each word seems to be based on the square of the number of unique letters in the word. 'DELICATE' has 9 unique letters, and 9 squared is 81. Thus, the code for 'DELICATE' is 81.