

### ### Digital Literacy Knowledge and Concepts

1. \*\*What is digital literacy?\*

- A. The ability to use, understand, and create digital content responsibly and effectively
- B. The ability to read physical books only
- C. The skill to avoid all forms of technology
- D. The knowledge of traditional literacy

\*\*Answer: A\*\*

2. \*\*Why is digital literacy important?\*

- A. To ensure individuals can navigate and thrive in the digital world
- B. To reduce the use of technology
- C. To limit digital innovation
- D. To isolate from technological advancements

\*\*Answer: A\*\*

### ### Systems Thinking Theory and Information Transformation

3. \*\*What is systems thinking?\*

- A. A holistic approach to analysis that focuses on the way that a system's constituent parts interrelate

- B. A method to think linearly
- C. A process to ignore system components
- D. A way to minimize system complexity

\*\*Answer: A\*\*

4. \*\*Why is systems thinking valuable?\*

- A. It helps in understanding the complexity and interdependencies within a system
- B. It reduces understanding of the system
- C. It limits information flow
- D. It simplifies the system components

\*\*Answer: A\*\*

### ### Artificial Intelligence Introduction and Science Technopark Knowledge (STP)

5. \*\*What is artificial intelligence (AI)?\*

- A. The simulation of human intelligence in machines
- B. The use of natural intelligence in animals
- C. A technique to eliminate human involvement in all tasks
- D. A tool to slow down computational processes

\*\*Answer: A\*\*

6. \*\*How does a Science Technopark (STP) support technology innovation?\*

- A. By providing an environment that supports collaboration, research, and development of new products
- B. By limiting access to facilities
- C. By reducing cooperation among researchers

- D. By removing funding

\*\*Answer: A\*\*

### ### ITS and National Research Roadmap Knowledge

7. \*\*What is a research roadmap?\*

- A. A strategic plan that outlines the goals, directions, and priorities of research over a specific period

- B. A method to avoid planning

- C. A tool to store data

- D. A way to minimize research efforts

\*\*Answer: A\*\*

8. \*\*Why is a research roadmap important?\*

- A. It provides guidance and structure to research activities, ensuring they align with strategic goals

- B. It reduces the clarity of research objectives

- C. It limits research scope

- D. It hinders long-term planning

\*\*Answer: A\*\*

### ### Knowledge and Concept of Sustainable Development Goals (SDGs)

9. \*\*What are Sustainable Development Goals (SDGs)?\*

- A. A universal call to action to end poverty, protect the planet, and ensure prosperity for all

- B. A plan to increase poverty

- C. A strategy to exploit natural resources

- D. A method to isolate communities

\*\*Answer: A\*\*

10. \*\*How do SDGs support environmental sustainability?\*

- A. By setting targets to reduce environmental degradation and promote sustainable practices

- B. By ignoring environmental issues

- C. By encouraging pollution

- D. By limiting conservation efforts

\*\*Answer: A\*\*

### ### Creative and Innovative Knowledge

11. \*\*What is creative thinking?\*

- A. The ability to generate new and original ideas

- B. The skill to repeat existing ideas

- C. The process of limiting imagination

- D. The practice of avoiding innovation

\*\*Answer: A\*\*

12. \*\*Why is innovation important for businesses?\*

- A. To maintain competitiveness and adapt to changing market conditions

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- B. To reduce business activity
- C. To limit growth opportunities
- D. To avoid market changes

**\*\*Answer: A\*\***

#### ### Open Source Technology of Mobile Applications, E-commerce

13. **\*\*What is open-source software?\*\***

- A. Software with source code that is freely available for anyone to use, modify, and distribute
- B. Software that restricts access to its source code
- C. A tool for private use only
- D. Software that cannot be modified

**\*\*Answer: A\*\***

14. **\*\*Why is open-source technology beneficial?\*\***

- A. It promotes collaboration and innovation through shared knowledge and resources
- B. It limits user access
- C. It reduces technological development
- D. It restricts collaboration

**\*\*Answer: A\*\***

#### ### Making Student Creativity Program (PKM) Proposals

15. **\*\*What is a Student Creativity Program (PKM) proposal?\*\***

- A. A document that outlines a project idea, its objectives, and the methods to achieve them
- B. A method to avoid project planning
- C. A tool for limiting creativity
- D. A process to reduce project outcomes

**\*\*Answer: A\*\***

16. **\*\*Why is it important to create a PKM proposal?\*\***

- A. To structure and communicate project ideas clearly, facilitating their implementation
- B. To complicate the project process
- C. To limit project scope
- D. To avoid project execution

**\*\*Answer: A\*\***

#### ### Digital Literacy Knowledge and Concepts

17. **\*\*What is the digital divide?\*\***

- A. The gap between those who have access to digital technologies and those who do not
- B. The difference between various digital devices
- C. The separation between different types of software
- D. The distinction between digital and analog signals

**\*\*Answer: A\*\***

18. **\*\*How can digital literacy help bridge the digital divide?\*\***

- A. By providing education and resources to increase access and proficiency in digital technologies
- B. By reducing the use of digital tools
- C. By limiting technological advancements
- D. By isolating communities from digital platforms

**\*\*Answer: A\*\***

#### ### Systems Thinking Theory and Information Transformation

19. **\*\*What is a feedback loop in systems thinking?\*\***

- A. A process where the output of a system is fed back into the system as input
- B. A method to ignore system outputs
- C. A way to eliminate system inputs
- D. A tool to slow down system processes

**\*\*Answer: A\*\***

20. **\*\*Why are feedback loops important in systems thinking?\*\***

- A. They help in understanding the dynamic behavior of systems and can lead to improved system performance
- B. They reduce system efficiency
- C. They limit system understanding
- D. They complicate system analysis

**\*\*Answer: A\*\***

#### ### Artificial Intelligence Introduction and Science Technopark Knowledge (STP)

21. **\*\*What is machine learning in AI?\*\***

- A. A subset of AI that involves the use of algorithms to enable machines to learn from data and improve over time
- B. The manual programming of machines for every task
- C. A process to degrade machine performance
- D. A technique to slow down data processing

**\*\*Answer: A\*\***

22. **\*\*How does an STP contribute to technological advancement?\*\***

- A. By providing infrastructure and support for research, development, and commercialization of technology
- B. By restricting research activities
- C. By reducing collaboration among researchers
- D. By eliminating funding opportunities

**\*\*Answer: A\*\***

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### ### ITS and National Research Roadmap Knowledge

23. \*\*What is the purpose of a research center at a university?\*

- A. To facilitate and coordinate research activities and projects within the university
- B. To limit research activities
- C. To store unused equipment
- D. To reduce academic collaboration

\*\*Answer: A\*\*

24. \*\*Why is collaboration with national research centers important?\*

- A. It enhances the quality and impact of research through shared expertise and resources
- B. It restricts research opportunities
- C. It limits knowledge exchange
- D. It reduces research output

\*\*Answer: A\*\*

### ### Knowledge and Concept of Sustainable Development Goals (SDGs)

25. \*\*What is climate action in the context of SDGs?\*

- A. Efforts to combat climate change and its impacts
- B. The promotion of fossil fuel use
- C. The reduction of renewable energy sources
- D. The increase of greenhouse gas emissions

\*\*Answer: A\*\*

26. \*\*How can businesses contribute to achieving SDGs?\*

- A. By adopting sustainable practices and reducing their environmental footprint
- B. By ignoring environmental standards
- C. By maximizing resource exploitation
- D. By reducing social responsibility

\*\*Answer: A\*\*

### ### Creative and Innovative Knowledge

27. \*\*What is the role of brainstorming in creative thinking?\*

- A. To generate a wide range of ideas without immediate judgment or evaluation
- B. To limit idea generation
- C. To avoid creative processes
- D. To restrict team collaboration

\*\*Answer: A\*\*

28. \*\*Why is it important to encourage innovation in organizations?\*

- A. To drive growth, improve efficiency, and maintain competitive advantage
- B. To slow down organizational processes
- C. To reduce employee engagement

- D. To limit market expansion

\*\*Answer: A\*\*

### ### Open Source Technology of Mobile Applications, E

-commerce

29. \*\*What is the main advantage of using open-source software in development?\*

- A. It allows for customization and collaborative improvement of the software
- B. It limits software flexibility
- C. It reduces software reliability
- D. It restricts user access

\*\*Answer: A\*\*

30. \*\*How can e-commerce benefit small businesses?\*

- A. By providing a wider reach to customers and reducing operational costs
- B. By increasing overhead costs
- C. By limiting market access
- D. By reducing customer engagement

\*\*Answer: A\*\*

### ### Making Student Creativity Program (PKM) Proposals

31. \*\*What should be included in a PKM proposal?\*

- A. Project objectives, methods, expected outcomes, and a timeline
- B. Only the project title
- C. An unrelated topic
- D. Personal anecdotes

\*\*Answer: A\*\*

32. \*\*How can students benefit from creating a PKM proposal?\*

- A. By developing critical thinking, project management, and research skills
- B. By avoiding project planning
- C. By reducing academic engagement
- D. By limiting teamwork

\*\*Answer: A\*\*

### ### Digital Literacy Knowledge and Concepts

33. \*\*What is cybersecurity?\*

- A. The practice of protecting systems, networks, and programs from digital attacks
- B. The method to expose data to threats
- C. A way to eliminate security measures
- D. A tool to slow down digital processes

\*\*Answer: A\*\*

34. \*\*Why is cybersecurity important in digital literacy?\*

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- A. To safeguard personal and sensitive information from unauthorized access and threats
  - B. To reduce data protection
  - C. To limit security protocols
  - D. To encourage data breaches
- \*\*Answer: A\*\***

#### ### Systems Thinking Theory and Information Transformation

35. **\*\*What is an information system?\*\***

- A. A set of components that work together to collect, process, store, and distribute information
  - B. A method to avoid data collection
  - C. A tool to eliminate information flow
  - D. A process to slow down data processing
- \*\*Answer: A\*\***

36. **\*\*How does systems thinking improve problem-solving?\*\***

- A. By considering the entire system and understanding the relationships and interactions between components
  - B. By ignoring system components
  - C. By reducing analysis depth
  - D. By limiting solution options
- \*\*Answer: A\*\***

#### ### Artificial Intelligence Introduction and Science Technopark Knowledge (STP)

37. **\*\*What is deep learning in AI?\*\***

- A. A subset of machine learning that uses neural networks with many layers to analyze data
  - B. A manual programming technique
  - C. A way to slow down data processing
  - D. A method to reduce machine intelligence
- \*\*Answer: A\*\***

38. **\*\*Why are Science Technoparks (STPs) important for startups?\*\***

- A. They provide access to resources, networking opportunities, and support services
  - B. They limit funding options
  - C. They reduce collaborative opportunities
  - D. They isolate startups from industry experts
- \*\*Answer: A\*\***

#### ### ITS and National Research Roadmap Knowledge

39. **\*\*What is the goal of the ITS research roadmap?\*\***

- A. To guide research activities towards areas of strategic importance and societal impact
  - B. To limit research scope
  - C. To reduce innovation efforts
  - D. To avoid strategic planning
- \*\*Answer: A\*\***

40. **\*\*How can universities contribute to national research initiatives?\*\***

- A. By collaborating with industry and government agencies to address national priorities
  - B. By isolating research efforts
  - C. By reducing academic-industry partnerships
  - D. By limiting research output
- \*\*Answer: A\*\***

#### ### Knowledge and Concept of Sustainable Development Goals (SDGs)

41. **\*\*What is the main objective of SDG 1 (No Poverty)?\*\***

- A. To end poverty in all its forms everywhere
  - B. To increase poverty levels
  - C. To ignore economic disparities
  - D. To reduce social programs
- \*\*Answer: A\*\***

42. **\*\*How can education contribute to achieving SDGs?\*\***

- A. By providing knowledge and skills needed for sustainable development and improving quality of life
  - B. By limiting access to education
  - C. By reducing educational quality
  - D. By ignoring sustainable practices
- \*\*Answer: A\*\***

#### ### Creative and Innovative Knowledge

43. **\*\*What is lateral thinking?\*\***

- A. A method of solving problems through an indirect and creative approach
  - B. A way to think linearly
  - C. A process to avoid creative ideas
  - D. A technique to reduce problem-solving options
- \*\*Answer: A\*\***

44. **\*\*Why is fostering a culture of innovation important in an organization?\*\***

- A. To encourage new ideas, improve processes, and stay competitive in the market
  - B. To limit employee creativity
  - C. To slow down organizational growth
  - D. To reduce market competitiveness
- \*\*Answer: A\*\***

#### ### Open Source Technology of Mobile Applications, E-commerce

45. **\*\*What is the main feature of e-commerce?\*\***

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- A. The buying and selling of goods and services over the internet
  - B. The restriction of online transactions
  - C. The increase of physical store presence
  - D. The limitation of customer reach
- \*\*Answer: A\*\***

46. **\*\*How does mobile technology impact e-commerce?\*\***
- A. By providing convenience and accessibility for customers to shop anytime and anywhere
  - B. By limiting online shopping options
  - C. By reducing customer engagement
  - D. By slowing down transaction processes
- \*\*Answer: A\*\***

#### ### Making Student Creativity Program (PKM) Proposals

47. **\*\*What is a key component of a successful PKM proposal?\*\***
- A. Clear objectives, innovative methods, and achievable outcomes
  - B. Vague goals and undefined methods
  - C. Irrelevant information
  - D. Personal opinions only
- \*\*Answer: A\*\***

48. **\*\*Why is collaboration important in creating a PKM proposal?\*\***
- A. To bring diverse perspectives and enhance the quality of the project
  - B. To limit idea generation
  - C. To reduce teamwork
  - D. To avoid peer input
- \*\*Answer: A\*\***

#### ### Digital Literacy Knowledge and Concepts

49. **\*\*What is a digital footprint?\*\***
- A. The trail of data left by the interactions in a digital environment
  - B. Physical evidence left behind by digital devices
  - C. A method to eliminate digital presence
  - D. A way to reduce online activity
- \*\*Answer: A\*\***

50. **\*\*How can one manage their digital footprint effectively?\*\***
- A. By being mindful of the information shared online and using privacy settings
  - B. By sharing all personal details publicly
  - C. By ignoring privacy concerns
  - D. By avoiding online activity completely
- \*\*Answer: A\*\***

#### ### Systems Thinking Theory and Information Transformation

51. **\*\*What is an emergent property in systems thinking?\*\***
- A. A characteristic of the system that arises from the interaction of its components
  - B. A predefined attribute of individual components
  - C. A method to eliminate system properties
  - D. A way to reduce system complexity
- \*\*Answer: A\*\***

52. **\*\*Why is it important to consider emergent properties in systems analysis?\*\***
- A. To understand how interactions within the system contribute to its overall behavior
  - B. To focus only on individual components
  - C. To ignore system interactions
  - D. To reduce system analysis depth
- \*\*Answer: A\*\***

#### ### Artificial Intelligence Introduction and Science Technopark Knowledge (STP)

53. **\*\*What is natural language processing (NLP) in AI?\*\***
- A. A field of AI focused on the interaction between computers and humans through natural language
  - B. The manual coding of all possible human interactions
  - C. A technique to slow down data processing
  - D. A method to avoid language recognition
- \*\*Answer: A\*\***

54. **\*\*How do STPs support entrepreneurship?\*\***
- A. By providing resources, mentoring, and networking opportunities to startups and innovators
  - B. By limiting access to facilities
  - C. By reducing funding options
  - D. By isolating entrepreneurs from the market
- \*\*Answer: A\*\***

#### ### ITS and National Research Roadmap Knowledge

55. **\*\*What is the role of ITS in national research?\*\***
- A. To contribute to national development through innovative research and technology solutions
  - B. To limit research initiatives
  - C. To avoid national priorities
  - D. To reduce academic contributions
- \*\*Answer: A\*\***

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56. \*\*Why is it important for universities to align with national research roadmaps?\*

- A. To ensure their research efforts address key societal and economic challenges
- B. To reduce research impact
- C. To limit academic freedom
- D. To avoid strategic alignment

\*\*Answer: A\*\*

#### ### Knowledge and Concept of Sustainable Development Goals (SDGs)

57. \*\*What is the focus of SDG 3 (Good Health and Well-being)?\*

- A. To ensure healthy lives and promote well-being for all at all ages
- B. To reduce access to healthcare
- C. To ignore public health issues
- D. To limit well-being initiatives

\*\*Answer: A\*\*

58. \*\*How can renewable energy contribute to SDGs?\*

- A. By reducing greenhouse gas emissions and promoting sustainable energy sources
- B. By increasing fossil fuel dependency
- C. By limiting energy access
- D. By reducing environmental protection

\*\*Answer: A\*\*

#### ### Creative and Innovative Knowledge

59. \*\*What is design thinking?\*

- A. A problem-solving approach that involves empathy, creativity, and rationality
- B. A linear method to solve problems
- C. A process to avoid user feedback
- D. A technique to limit innovation

\*\*Answer: A\*\*

60. \*\*Why is prototyping important in innovation?\*

- A. To test ideas quickly and gather feedback for improvements
- B. To slow down development processes
- C. To avoid user testing
- D. To reduce innovation opportunities

\*\*Answer: A\*\*

#### ### Open Source Technology of Mobile Applications, E-commerce

61. \*\*What is a key benefit of mobile apps for businesses?\*

- A. Increased customer engagement and convenience
- B. Reduced customer reach
- C. Increased operational costs
- D. Limited user interaction

\*\*Answer: A\*\*

62. \*\*How does open-source contribute to software development?\*

- A. By allowing developers to collaborate, share, and improve code collectively
- B. By restricting code access
- C. By limiting software updates
- D. By reducing community involvement

\*\*Answer: A\*\*

#### ### Making Student Creativity Program (PKM) Proposals

63. \*\*What is an essential step in writing a PKM proposal?\*

- A. Identifying a clear and relevant problem to address
- B. Skipping the problem definition
- C. Including irrelevant details
- D. Avoiding literature review

\*\*Answer: A\*\*

64. \*\*Why is peer review important for PKM proposals?\*

- A. To receive constructive feedback and improve the quality of the proposal
- B. To limit the review process
- C. To avoid external input
- D. To reduce proposal quality

\*\*Answer: A\*\*

#### ### Digital Literacy Knowledge and Concepts

65. \*\*What is digital citizenship?\*

- A. The responsible use of technology and digital tools to engage with society
- B. The avoidance of digital tools
- C. The restriction of online participation
- D. The ignorance of digital ethics

\*\*Answer: A\*\*

66. \*\*How can digital literacy be improved?\*

- A. Through education and practice in using digital tools responsibly
- B. By ignoring digital skills
- C. By limiting access to technology
- D. By reducing digital engagement

\*\*Answer: A\*\*

#### ### Systems Thinking Theory and Information Transformation

67. \*\*What is the purpose of a system model?\*

- A. To represent and understand the structure and behavior of a system
- B. To ignore system dynamics
- C. To limit system components
- D. To reduce system analysis

\*\*Answer: A\*\*

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68. \*\*How can information transformation benefit organizations?\*

- A. By improving decision-making through accurate and timely data

- B. By reducing information flow
  - C. By limiting data access
  - D. By complicating decision processes
- \*\*Answer: A\*\*

#### ### Artificial Intelligence Introduction and Science Technopark Knowledge (STP)

69. \*\*What is a neural network in AI?\*

- A. A computational model inspired by the way biological neural networks in the human brain process information
- B. A manual coding system
- C. A technique to reduce computational efficiency
- D. A way to avoid data analysis

\*\*Answer: A\*\*

70. \*\*How can STPs facilitate technology transfer?\*

- A. By providing platforms for collaboration between academia, industry, and government
- B. By isolating research from industry
- C. By reducing knowledge exchange
- D. By limiting resource access

\*\*Answer: A\*\*

#### ### ITS and National Research Roadmap Knowledge

71. \*\*What is the benefit of interdisciplinary research at ITS?\*

- A. To address complex problems by integrating knowledge from different disciplines
- B. To isolate academic fields
- C. To reduce research scope
- D. To limit collaboration

\*\*Answer: A\*\*

72. \*\*Why is it important to involve students in research activities?\*

- A. To develop their skills, knowledge, and critical thinking through hands-on experience
- B. To reduce student engagement
- C. To limit learning opportunities
- D. To avoid practical application

\*\*Answer: A\*\*

#### ### Knowledge and Concept of Sustainable Development Goals (SDGs)

73. \*\*What is the aim of SDG 4 (Quality Education)?\*

- A. To ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

- B. To limit access to education
  - C. To reduce educational quality
  - D. To avoid lifelong learning
- \*\*Answer: A\*\*

74. \*\*How can businesses support SDG 8 (Decent Work and Economic Growth)?\*

- A. By providing fair wages, safe working conditions, and opportunities for growth
- B. By exploiting workers
- C. By limiting job opportunities
- D. By reducing economic development

\*\*Answer: A\*\*

#### ### Creative and Innovative Knowledge

75. \*\*What is the role of empathy in design thinking?\*

- A. To understand and address the needs and challenges of users
- B. To ignore user feedback
- C. To limit user involvement
- D. To avoid understanding user needs

\*\*Answer: A\*\*

76. \*\*Why is user feedback important in the innovation process?\*

- A. To refine and improve products based on real-world experiences and insights
- B. To avoid product testing
- C. To reduce innovation cycles
- D. To ignore customer needs

\*\*Answer: A\*\*

#### ### Open Source Technology of Mobile Applications, E-commerce

77. \*\*What is a primary benefit of cloud computing for businesses?\*

- A. Scalability, flexibility, and cost savings through on-demand access to computing resources
- B. Increased hardware costs
- C. Limited resource availability
- D. Reduced data accessibility

\*\*Answer: A\*\*

78. \*\*How can mobile applications enhance customer experience?\*

- A. By providing personalized services and easy access to information
- B. By complicating user interactions
- C. By limiting functionality
- D. By reducing user engagement

\*\*Answer: A\*\*

#### ### Making Student Creativity Program (PKM) Proposals

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79. \*\*What is a common mistake in writing a PKM proposal?\*

- A. Lack of clear objectives and measurable outcomes

- B. Detailed project planning

- C. Comprehensive literature review

- D. Clear and concise problem statement

\*\*Answer: A\*\*

80. \*\*Why is it important to align a PKM proposal with current research trends?\*

- A. To ensure relevance and increase the likelihood of funding and support

- B. To avoid contemporary issues

- C. To limit research impact

- D. To reduce academic interest

\*\*Answer: A\*\*

### ### Digital Literacy Knowledge and Concepts

81. \*\*What is the role of ethics in digital literacy?\*

- A. To guide responsible and respectful behavior in the digital environment

- B. To limit ethical considerations

- C. To ignore digital responsibilities

- D. To reduce online accountability

\*\*Answer: A\*\*

82. \*\*How can digital literacy promote innovation?\*

- A. By equipping individuals with the skills to create and utilize digital tools effectively

- B. By limiting technological advancements

- C. By reducing access to digital resources

- D. By avoiding the use of digital tools

\*\*Answer: A\*\*

### ### Systems Thinking Theory and Information Transformation

83. \*\*What is an example of a system boundary?\*

- A. The physical or conceptual limits that define the scope of a system

- B. The inclusion of external elements

- C. The reduction of system components

- D. The elimination of system boundaries

\*\*Answer: A\*\*

84. \*\*Why is it important to identify system boundaries?\*

- A. To clearly define what is included in the system analysis and what is not

- B. To blur the distinction between the system and its environment

- C. To limit system understanding

- D. To reduce analysis accuracy

\*\*Answer: A\*\*

### ### Artificial Intelligence Introduction and Science Technopark Knowledge (STP)

85. \*\*What is the Internet of Things (IoT)?\*

- A. A network of interconnected devices that can collect and exchange data

- B. A collection of isolated devices

- C. A method to limit connectivity

- D. A way to reduce data exchange

\*\*Answer: A\*\*

86. \*\*How can STPs promote sustainable development?\*

- A. By supporting green technologies and sustainable business practices

- B. By ignoring environmental concerns

- C. By promoting unsustainable practices

- D. By limiting eco-friendly initiatives

\*\*Answer: A\*\*

### ### ITS and National Research Roadmap Knowledge

87. \*\*What is the significance of public-private partnerships in research?\*

- A. To leverage the strengths of both sectors for greater innovation and impact

- B. To avoid collaboration

- C. To limit resource sharing

- D. To reduce research effectiveness

\*\*Answer: A\*\*

88. \*\*Why is it important for ITS to engage with international research communities?\*

- A. To exchange knowledge, collaborate on global challenges, and enhance the university's research impact

- B. To isolate from international trends

- C. To limit academic exchange

- D. To reduce global collaboration

\*\*Answer: A\*\*

### ### Knowledge and Concept of Sustainable Development Goals (SDGs)

89. \*\*What is the target of SDG 7 (Affordable and Clean Energy)?\*

- A. To ensure access to affordable, reliable, sustainable, and modern energy for all

- B. To increase energy costs

- C. To reduce renewable energy sources

- D. To avoid clean energy initiatives

\*\*Answer: A\*\*

90. \*\*How can businesses contribute to SDG 12 (Responsible Consumption and Production)?\*

- A. By adopting sustainable practices and reducing waste

- B. By promoting overconsumption

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- C. By ignoring environmental impact
  - D. By increasing waste generation
- \*\*Answer: A\*\***

#### ### Creative and Innovative Knowledge

91. **\*\*What is brainstorming?\*\***

- A. A group creativity technique used to generate a large number of ideas for solving a problem
  - B. A method to limit idea generation
  - C. A technique to avoid group discussions
  - D. A process to reduce creative thinking
- \*\*Answer: A\*\***

92. **\*\*Why is it important to embrace failure in the innovation process?\*\***

- A. To learn from mistakes, refine ideas, and ultimately achieve better results
  - B. To avoid taking risks
  - C. To limit experimentation
  - D. To reduce innovation efforts
- \*\*Answer: A\*\***

#### ### Open Source Technology of Mobile Applications, E-commerce

93. **\*\*What is a key advantage of using open-source technology?\*\***

- A. Access to a large community for support and continuous improvement
  - B. Limited software updates
  - C. Reduced security
  - D. Restriction of code modification
- \*\*Answer: A\*\***

94. **\*\*How does mobile technology enhance e-commerce?\*\***

- A. By providing seamless shopping experiences and improving customer convenience
  - B. By complicating purchase processes
  - C. By limiting user access
  - D. By reducing transaction speed
- \*\*Answer: A\*\***

#### ### Making Student Creativity Program (PKM) Proposals

95. **\*\*What is the purpose of a project timeline in a PKM proposal?\*\***

- A. To outline the schedule and milestones for completing the project
  - B. To ignore project deadlines
  - C. To reduce planning accuracy
  - D. To avoid scheduling
- \*\*Answer: A\*\***

96. **\*\*Why is it important to include expected outcomes in a PKM proposal?\*\***

- A. To clearly define the benefits and impacts of the project
  - B. To avoid measuring project success
  - C. To limit project scope
  - D. To reduce proposal clarity
- \*\*Answer: A\*\***

#### ### Digital Literacy Knowledge and Concepts

97. **\*\*What is data privacy?\*\***

- A. The protection of personal information from unauthorized access and disclosure
  - B. The exposure of sensitive data
  - C. The reduction of security measures
  - D. The limitation of privacy rights
- \*\*Answer: A\*\***

98. **\*\*How can individuals protect their data privacy online?\*\***

- A. By using strong passwords, enabling two-factor authentication, and being cautious about sharing personal information
  - B. By sharing passwords freely
  - C. By ignoring security features
  - D. By reducing online security measures
- \*\*Answer: A\*\***

#### ### Systems Thinking Theory and Information Transformation

99. **\*\*What is feedback in a system?\*\***

- A. Information about the output of a system that is used to make adjustments to the input or process
  - B. An irrelevant component of a system
  - C. A way to ignore system performance
  - D. A method to reduce system efficiency
- \*\*Answer: A\*\***

100. **\*\*Why is feedback important in systems thinking?\*\***

- A. To ensure the system adapts and improves based on performance and outcomes
  - B. To avoid system adjustments
  - C. To limit system performance
  - D. To reduce adaptive capabilities
- \*\*Answer: A\*\***

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