Your Vice President of Sales decides to add more sales representatives for the summer based on analyses of sales trends over the last five years. What level of information is she acting on? | Wisdom

You have collected social media posts with a specific hashtag for an analysis of the words used in the post? What kind of data is that? | Unstructured

If you are doing an analysis of data to determine which of several small businesses you should purchase to gain the maximum benefit to your overall company finances, what type of analysis are you doing? | Prescriptive

If your company needs to do the same analysis as new data comes in every month, what is the best term to describe that proces | Pipeline

What is the Turing test used for? | To test whether an AI system is capable of thinking like a human being.

If you were faced with an AI system that identifies exactly what individuals will be infected in a pandemic of a novel disease before the first case occurs, what kind of AI is this? | Superintelligence

What is ambient intelligence? | Linked IoT technology that is always on and acting to personalize the experience for the people within its environment.

Which of the following describes the black box problem in AI? | It is difficult to understand how or why an AI system made a particular decision.

Which of the following defines the AI black box problem? | The challenge of understanding the inner workings of opaque systems

Which of the following elements are important aspects of ethical integrity with regards to data? (Select two.) | If the holders of data are trustworthy entities. Whether the data was gathered in an ethical manner.

Which of the following best describes why data is sometimes compared to oil? (Select two.) | Data can fuel algorithmic technologies. Data can be monetarily valuable.

At what point should ethical consideration ideally be applied to emerging technologies? | From its inception, through maintenance, to applying foresight regarding its decommissioning.

Which of the following describes dual-use or multipurpose data? | Data collected for one application that could also be applied to another application in a different domain.

Which of the following are important ethical elements to safeguard within ethical AI systems? (Select two.) | Accountability and management of bias. Transparency and explainability, balanced with privacy.

Question 7

Which of the following is the generally agreed upon current state of the art of AI? | Narrow AI

Which of the following describe important aspects of why emerging technologies are so capable and powerful? (Select two.) | They can automate very complex operations. They may be able to self-improve by learning from data.

Question 9

Management asks someone to do a data-related task. Which of the following would likely be ethically problematic? (Select two.) | Manipulate data or alter its interpretation. Delete any erroneous data.

Which of the following describe important aspects in the role of an ethical AI engineer? (Select two.) | Keeping up with the latest developments and vulnerabilities. Cleaning and sorting data, and auditing for bias.

Data privacy involves the ability for an individual to do what? | Retreat from interactions. Control the image created by their data.

When can non-identifiable data become PII? | When combined with other information.

What is an example of a security feature on an IoT which may be a risk? | Lack of user interface. Default password

What makes consent truly voluntary? | When a person has the ability to withdraw consent at any time.

What is a method used in data management to protect privacy? | Pseudonymization

A business is seeking to increase profits by creating a new software application. By follow the principles in privacy by design do they need to select profits over privacy? | No, companies can achieve privacy for their users and still be profitable.

What is epsilon? | It is the metric of the privacy loss with a differential change in data.

Select one example of responsibility. | A single student chooses to lead the project.

What is a "Hash" in block chain? | It is basically an encrypted code calculated when the data is added to the block

Which of the following, by itself, qualifies as personally identifiable information (PII)? | A user’s home address

Why are groups like race and religion considered protected classes? | These groups have been used as the basis for wholesale discrimination.

Which of the following describes an opt-out policy in regards to the collection of private data? | Data about the user is automatically collected unless that user explicitly states that you should not do so.

Which of the following are key principles of privacy by design? (Select two.) | Organizations must incorporate privacy protections throughout the project lifecycle. Organizations must be proactive in protecting against privacy risks, not reactive.

Organizations must be proactive in protecting against privacy risks, not reactive. | To enable parties to share private data without revealing individuals represented in the data.

Which of the following describes the concept of liability? | The legal responsibility for one’s actions.

What does it mean to call a click-through agreement a “contract of adhesion”? | One party is forced into a “take-it-or-leave-it” situation.

Which of the following is a type of technology contract that establishes the goals of both parties and describes how those goals will be achieved? | Service-level agreement (SLA)

How does a smart contract differ from a traditional contract? | Smart contracts eliminate the need for a central authority.

How can a visual contract be easier to understand than a written contract? | The use of pictures with simple text makes it easier for the layperson to understand the details of a contract.

You can have a positive bias. | True

What term best describes the statement "old people forget things" | Stereotype

What creates implicit bias? | Direct exposure to biased statements and actions by family and friends. Lack of contact with diverse groups of people. Indirect exposure to stereotypes via the media.

Saying you are less likely than others to have bad things happen to you is an example of which bias? | Optimism bias

Whast will help you combat confirmation bias's impact on decision making? | Seek out opposing opinions.

How does temporal bias impact the collection and analysis of social media data if people start a Twitter debate using a hashtag but then stop using it even though the debate continues? | Data collection using the hashtag will not get a complete dataset because the use of the hashtag was limited to a time period that was less than the total debate

What is the risk of automation and complacency biases? | Humans' ability to make decisions will be eroded.

Polling voters on Mondays and Fridays during the mornings would be enough to avoid sampling bias. | False

What causes bias? | Biases are learned from our families, our social groups, and the media.

What is the fundamental attribution error? | When you say your bad behavior is caused by the situation, but when other people display the same bad behavior, it is caused by a personality trait.

Which of the following are actions that can help combat implicit bias? (Select three.) | Cultivating awareness of your own biases. Interacting with diverse groups of people. Exposing yourself to “counter-stereotypical” examples.

When conducting an opinion poll, which of the following biases do you need to guard against the most when collecting your data? | Sampling bias

Which of the following is an example of a cognitive bias? | Anchoring bias

Are criminal justice risk assessments race-neutral? | No, the data is biased as it reflects historical bias.

Which type of bias causes people to trust an automated decision-making system (ADS) over a human’s decision? | Automation bias

Question 8

How can confirmation bias impact us socially? (Select two.) | It can impede socio-political cooperation. It can lead to groupthink, which can in turn halt forward progress.

Which of the following describes an illusory-correlation bias? | When you incorrectly assume a cause and effect relationship because two variables are correlated.

Which of the following is one explanation for why cognitive biases exist? | We receive too much information and are overloaded.

What does it mean for an imperative to be categorical? | It applies to everyone in all situations.

Which of the following formulations of the categorical imperative promotes the idea of universalizability? | The first formulation

Which of the following ideas suggests that the happiness of the self is of the greatest utility? | Egoism

Which of the following did Socrates call the only true virtue? | Knowledge

Which of the following is an example of a norm? | Giving other people their personal space.

Which of the following describes the independence condition of moral agency? | The ability to make one's own choices without being under another's control.

Which of the following is an example of moral reasoning? | It is wrong for me to look through my friend's phone because my friend may find out and no longer trust me, which will negatively affect our relationship.

Which of the following describes applied ethics? | The practical implementation of ethics in a specific field of study.

Which of the following are human rights that cannot be taken away? | Inalienable rights

Which of the following is a concern for environmental ethics? | The treatment of entire ecosystems as moral agents.

Which of the following is a formative ethics theory that states that maximizing happiness is the primary standard for determining what is right or wrong? | Utilitarianism

Which of the following statements are promoted by the categorical imperative? (Select three.) | Don’t treat people as a means to an end; treat them always as an end. Act in such a way that your actions may become a universal law. Each person must use reason to will moral laws.

Which of the following statements accurately describes the philosophical concept of predeterminism? | All events, past, present, and future, are determined in advance.

How do norms differ from morals? | Morals involve value judgments; norms do not.

Which of the following are consequences of saying that someone or something has moral agency? (Select two.) | The moral agent can be held responsible for their actions. The moral agent is capable of determining right and wrong.

Why is deciding how to act using moral reasoning not always a feasible goal for human beings? | Human decision making is often influenced by emotion and not logic.

Which of the following statements are true regarding the purpose of moral psychology? (Select two.) | Moral psychology seeks to understand how the human mind develops morality. Moral psychology seeks to understand why people act morally or immorally.

Which of the following is an example of applied ethics? | Professional ethics

Your organization has developed an AI system that recommends treatments for hospital patients. Some questions have been raised about the ethics of how these treatments are determined. What applied ethics domain do these concerns fall under? | Bioethics

What does it mean to say that human rights are inalienable? (Select two.) | Inalienable rights cannot be taken away except in extreme circumstances. Inalienable rights are inherent in all human beings.

which of the following describes an autonomous being? | A being who is able to make rational decisions.

Which of the following is an application of restorative justice? | Reforming criminals to be moral members of society.

What is the primary goal of beneficence? | To achieve what is morally good.

Which of the following is an example of non-maleficence? | Preventing AI from unfairly targeting people based on race or other protected status.

Why is explainability important in AI systems? | It enables us to trust the decisions that the AI makes.

True or false? Any being with personhood status is morally responsible for their actions. | True

Which of the following AI concepts would give rise to personhood among intelligent machines? | Artificial general intelligence (AGI)

Which of the following is a strategic benefit of having an ethical organization? | An ethical organization is more likely to inspire brand loyalty.

At what point in the development lifecycle of an AI project should ethics be incorporated? | During planning of the project.

What is the primary benefit of engineering activism? | It encourages technical personnel to reflect on their motivations and responsibilities for creating an intelligent system.

Question 1

What does “ethics by design” mean? | An approach in which ethics is considered from the initial design stage.

Which of the following describes why explainability is important? | It provides accountability and trust.

Which of the following describes personhood? | Personhood is often used to dictate how something is treated.

Which of the following describe how adopting ethical practices can be a strategic differentiator? (Select three.) | It will support the development of strategic partnerships. It will encourage applicants to apply for your company. It will build customer trust.

Which of the following best describes beneficence? | Beneficence is the promotion of well-being, not just for moral agents like humans, but of animals, the environment, and societies.

What is the difference between beneficence and non-maleficence? | Beneficence refers to “do only good” and non-maleficence refers to “do no harm.”

Which of the following are valid concerns regarding electronic personalities? (Select two.) | That they would create unfair advantages, as not everyone has access to the same rights. That they would absolve manufacturers of liability.

Which of the following are ways to participate in engineering activism? (Select two.) | Follow a code of ethics. Engage with the public.

How can AI uphold justice? | AI systems can be designed from the start to help promote fairness and minimize bias.

Which of the following are examples of how AI can limit human autonomy? (Select two.) | Weapon systems can limit human autonomy as humans may not have decision-making capability or understand the decision making. AI systems might impact certain vulnerable groups such as the elderly and children differently than the rest of the population, which could limit those groups’ autonomy.

Which school of philosophical thought primarily advocates for a global moral code? | Deontology

How is a philosophical theory different from an ethical framework? | Philosophical theories are ideals and ethical frameworks are actionable.

Which area of the Beijing AI Principles emphasizes AI that is for the good of humanity, has controlled risks, and is open. | Research and development

What is one of the recommendations for governments? | Promote international cooperation.

What is the capability caution? | We need to remember that we don't know the full extent of what AI systems might become capable of so that we can better plan.

What percentage of frameworks include privacy as a core tenet? | 50%

What percentage of frameworks include transparency? | 85%

Which subset of transparency involves describing the system to a non-expert? | Explainability

What is non-maleficence? | The principle of doing no harm.

What does the AMA say the "A" in AI should stand for? | Augmented

Which school of philosophical thought primarily advocates for the greatest good for the greatest amount of people? | Utilitarianism

Which type of entity are the OECD Principles on Artificial Intelligence mostly geared towards? | National governments

Which of the following principles are most commonly cited in AI-based ethical frameworks? | Transparency and explainability

Which of the following frameworks primarily promotes human rights? | The Toronto Declaration

Which of the following best describes capability caution as referenced in the Asilomar AI Principles? | Given a lack of consensus, we should avoid strong assumptions regarding upper limits on future AI capabilities.

Question 6

Which of the following describes the principle of transparency in the context of AI systems? | Transparency enables human observers to see inside the decision-making process of an AI system.

Which of the following is a case study that best represents the principle of professional responsibility? | The American Medical Association’s definition of AI as augmented intelligence

If you are attempting to build a new framework for the research and development (R&D) of AI, which of the following frameworks might you look at first for its emphasis in this area? | The Beijing AI Principles

In AI, the principle of privacy is most commonly referred to in the context of which of the following concepts? | Data protection

Which of the following describes an ethical framework? | Ethical frameworks seek to mitigate ethical concerns by creating actionable steps.

What would a utilitarian most likely do when faced with the trolley problem? | Switch the tracks so that the trolley kills the lone person.

In a variant of the trolley problem, there are sentient non-humans on the tracks instead of humans. Which of the following ethical frameworks specifically focuses on minimizing harm to all sentient life, rather than just humans? | Montreal Declaration for Responsible AI

How do the Universal Guidelines for AI (UGAI) fall short when it comes to applying the stated principles to an ethical dilemma? | The UGAI leave a lot of room for interpretation.

In a scenario where an automated system takes the place of a doctor analyzing a patient, why is the education principle in the Beijing AI Principles so crucial? | The doctor is better prepared to answer questions in the event the automated system fails.

Which of the following is a drawback to relying on the Beijing AI Principles to address the question of whether or not AI should enable self-destructive behavior? | The Beijing AI Principles lack specificity.

Which of the following is a benefit of using the OECD AI Principles to address the limitation concerns of persuasive technology? | The OECD Principles combine responsible disclosure and well-being into a single framework.

In which of the following situations might it be ethically justifiable to breach patient confidentiality? | When a patient expresses an intent to harm themselves or others.

How does IEEE Ethically Aligned Design treat individual autonomy in data-driven systems? | It encourages systems to be designed so that they amplify individual autonomy, ensuring that users aren't be treated unfairly.

How do the principles of openness and sharing the Beijing AI Principles help alleviate concerns about "emancipated" AI? | These principles enable the public to verify the behavior of the emancipated system.

Which of the following is a benefit of applying the Toronto Declaration to the problem of AI-driven harassment? | The Toronto Declaration aligns with a large number of jurisdictions.

Why does the trolley problem pose an ethical predicament? | You have to make a choice between two scenarios where choosing one leads to loss of life in the other.

Question 2

Which of the following ethical considerations should have priority in an emergency situation like the use of contact-tracing solutions during a pandemic? (Select two.) | Privacy. Accountability

In using AI-enabled solutions within the context of medical imaging analysis, which of the following is the most important ethical consideration? | Explainability

Question 4

If an AI-enabled system enables addictive behavior, which of the following makes for the most compelling argument to stop development work on that system? | The system, as designed, acts counter to the well-being of the users.

Question 5

Why do smart toys raise additional ethical concerns over those that are raised in the course of other products and services that use AI? | Children are more susceptible to manipulation and therefore need extra protective measures.

Question 6

Which of the following software development principles is essential in the real-world deployment of AI-enabled software applications in critical scenarios like self-driving cars? | Robustness to adversarial examples

Which of the following is the most important argument in favor of content moderation in online platforms? | It prevents the spread of disinformation that can cause harm to vulnerable populations.

Why is the question of robot rights and emancipation one that isn’t as important as addressing issues of bias, privacy, transparency, and other principles discussed in the various ethical frameworks? | These rights necessitate that robots become sentient entities, which is currently not feasible.

Which of the following is the most important ethical consideration regarding technical developments like deepfakes? | They usurp a person’s likeness and can then be weaponized against them.

Why are anonymization and pseudonymization insufficient protection measures against breaches of data privacy and security? | They can be broken by combining this data with other publicly available data.

Which of the following describes regulations? | They are meant to improve trust in society between entities.

GDPR applies to which of the following entities? | Any entity that processes the personal data of European Union citizens.

To which of the following situations would CCPA be applicable? | A company that does business in California, and whose annual gross revenue is $50 million.

What is the primary asset that HIPAA is meant to protect? | Personal health information (PHI)

Which of the following activities is guaranteed by FERPA regarding a parent's handling of their children's education records? | Parents being able to access their children's education records.

Which of the following describes standards? | They focus on specific implementation of industry goals.

Which of the following is a component of the Cybersecurity Framework (CSF)? | Enabling private sector organizations to assess and improve their cybersecurity activities.

Which of the following methods ensures that CIS CSC enables a proactive approach to minimizing security risks with customer information? | Incorporating the framework throughout the software development lifecycle.

Which of the following ISO standards has a focus on securing the virtual environments in a cloud service infrastructure? | ISO 27017

Which of the following resources is provided by the MITRE ATT&CK Framework? | Adversarial group profiles

Which of the following are ways that regulations differ from ethical frameworks? (Select two.) | Regulations have legal enforcement behind them. Regulations provide a clear basis for potential litigation.

Your business handles the personal data of California residents. Which of the following regulations would enable a resident to request that their data be deleted from your company’s files? | CCPA

Which of the following does the Brazilian General Data Protection Act (LGPD) mandate? (Select two.) | Data protection officers. Data protection impact assessments

Which of the following is a standard or regulation that focuses on ensuring the implementation of strong cybersecurity techniques like network security and cryptography to protect data? | PCI DSS

which of the following are requirements set forth by the Biometric Information Privacy Act (BIPA)? (Select two.) | Organizations must destroy biometric data in a timely fashion. Organizations must obtain consent from individuals regarding the collection and use of biometric data.

Question 6

The Children’s Online Privacy Protection Act (COPPA) safeguards the privacy of which age group’s personal information? | Anyone under 13 years old

Which of the following are advantages to adopting standards frameworks like ISO 27000? (Select two.) | Formal certification processes that provide competitive advantage. International support, recognition, and involvement

Which of the following is a notable aspect of the Personal Information Protection and Electronic Documents Act (PIPEDA) when compared to similar laws and regulations? | A stipulation to continue providing service even if data usage is denied

Question 9

Which of the following resources does the National Institute of Standards and Technology (NIST) provide to organizations? | Reference materials

Question 10

Which of the following ethical domains does the IEEE 7000 series explore? (Select two.) | Emulated empathy. Machine-readable privacy terms

Which of the following describes ethics washing? | The organization publicly claims to follow ethical principles, but doesn't follow them internally.

Which of the following is a component of the data minimization principle? | Terms of data retention

Which of the following is a useful strategy for reconciling compliance vs. cost? | Assessing the reputational cost of non-compliance.

How can participatory design help reconcile conflicts between stakeholder needs and ethical decision making? | It can add weight to collective stakeholder input over ethical decision-making concerns.

In systemic fragility, which of the following behaviors can undermine the robustness of a system? | Unforeseen patterns of use

Which of the following describes the democratization of AI? | Making complex AI technologies more accessible to the public.

Which of the following is the primary mechanism for reconciling the conflict between big data generation and concentration of power in Big Tech? | Regulations

Which of the following mechanisms is concerned a "first check" in reconciling the conflict between streamlining user experiences and enabling human agency? | An ethics-by-design approach

At which of the following project lifecycle phases should a discussion of stakeholder interests begin? | Conception/initiation

Which of the following are important elements of the data minimization principle? (Select two.) | Only keep data for as long as it is needed. Only collect data that is strictly necessary

Which of the following are logical arguments in favor of an organization maintaining compliance? (Select two.) | Long-term cost savings due to avoiding fines. Avoidance of reputational damage

How does increasing AI performance often conflict with the desire for explainability? | Increasing AI performance sometimes leads to greater model complexity, making it more difficult to explain decision-making processes.

Which of the following explains why efficiency can sometimes incur systemic fragility? | Efficiency benefits may lead to complex second-order costs

Which of the following are possible benefits of a human-in-the-loop (HITL) architecture? (Select two.) | Balancing the negative effects of an AI system on people with the effects on environments and objects. Mitigating excessive scope or potential collateral damage

How does the “virtuous cycle” that benefits Big Tech operate? | Data-driven algorithms improve solutions, leading to new customers, and better data.

Which of the following is often in opposition to moral relativism? | Evidence-based policy

Question 8

Which of the following are important aspects of resolving complex and confounding business pressures? (Select two.) | Engaging with multiple stakeholders to understand their particular needs. Managing expectations that not everyone can get what they want, when they want it

You plan on streamlining your company’s product experience, but you also want to uphold the agency and autonomy of your users. Which of the following actions would uphold these principles? (Select two.) | Refraining from guiding users into something they didn’t wish for or intend. Respecting the right of the user to choose and customize their experiences

Which of the following describe corporate hegemony? (Select two.) | Locking out smaller players, leading to monopolies or cartels. Consolidating interests through mergers and acquisitions

Which of the following are fundamental risk management tasks? (Select two.) | Mitigation. Identification

Why is it important to include stakeholders from diverse areas of business when identifying risks? | It includes more perspectives, which can lead to better risk identification.

When it comes to protecting private data, which of the following could be the root cause of a problem? | The data was stored insecurely.

What kind of shape does a normal distribution take on when plotted in a histogram? | Bell shape

Which of the following accurately describes the measures of central tendency in a normal distribution? | The mean, median, and mode are the same.

Which of the following measures is best suited for reporting results to an audience? | Standard deviation

Which type of kurtosis is most likely to indicate the strong presence of outliers? | Leptokurtic

Which of the following are cost functions used to evaluate linear regression models? (Select two.) | Mean squared error (MSE). Root mean squared error (RMSE)

During cross-validation, which of the following dataset splits is used to tune the performance of a model? | Validation test

Why is it important to consider Goodhart's law? | A model might optimize one metric at the expense of others.

Which of the following are tasks in the overall risk management process? (Select three.) | Analysis. Identification. Mitigation

Which of the following risk analysis methods use words like “likely,” “unlikely,” and “rare” to describe the likelihood of risk, and words like “low,” “medium,” and “high” to describe the impact of risk? (Select two.) | Semi-quantitative analysis. Qualitative analysis

Which of the following is not a valid risk response technique? | Ignore

Question 4

Which of the following statements are correct about a variable that is normally distributed? (Select two.) | The mean, median, and mode of all measurements is the same, and all are located at the center of the distribution. The variable’s distribution, when graphed, exhibits a symmetrical bell shape.

Which of the following statements accurately describes variance? | Variance measures how far a data example is from the mean.

In the following scatter plot, the **GrossIncome** variable is plotted against the **Revenue** variable. What type of correlation does this plot suggest?

Chart, scatter chart

Description automatically generated | There is a strong positive correlation between both variables.

How do AI and other data-driven technologies use probability? | By providing a model of belief about the likelihood of some event happening

You have a dataset of customers that includes each customer’s gender, location, and other personal attributes. The label you are trying to predict is how much sales revenue each customer is likely to generate for the business based on these attributes. What type of machine learning outcome is this problem suited for? | Regression

Question 9

You’re training a model to classify whether or not a bridge is likely to collapse given several factors. You have a dataset of thousands of existing bridges and their attributes, where each bridge is labeled as having collapsed or not collapsed. Only a handful of bridges in the dataset are labeled as having collapsed—the rest are labeled as not collapsed. Given your goal of minimizing bridge collapse and the severe harm it can cause, which of the following metrics would be most useful for evaluating the model? | Recall

Which of the following metrics is used to evaluate a linear regression machine learning model? | Cost function

Which of the following is an example of first-party data? | Personal preferences obtained from users' social media profiles.

Which of the following is an example of cross-correlation of data? | Compiling a single user's online shopping activity that is stored in two separate databases, under two slightly different names.

Which of the following best describes what goes into a marketing persona? | General information about an archetypal customer.

Why is an end user license agreement (EULA) not enough to satisfy consent when it comes to tracking user data? | Consent must be meaningful and conscious, which an EULA does not ensure.

Which of the following are assessed by a compliance audit? (Select two.) | The specific compliance requirements that the organization is failing to meet. Recommendations for how the organization can rectify any compliance shortcomings.

Which of the following is a useful method for an organization to manage consent over time? | Provide renewed consent agreements to the user every so often.

Which of the following describes an opt-in procedure for consenting to data use? | The user tells the organization that it is allowed to handle the data.

A user inputs a password to a website, and the website verifies the user is who they say they are. What is this verification an example of? | Authentication

How does a VPN differ from a proxy? | VPNs encrypt traffic, proxies do not.

What does it mean to require a zero-knowledge protocol to be "sound"? | If the prover is wrong, he or she cannot convince the verifier with any significant probability.

Which of the following best describes a marketing persona? | A description of a type of character based upon demographics, habits, and interests

Which of the following best describes the use case for zero-knowledge protocols (ZKPs)? | Proving that something exists, but not the specifics

Which of the following elements constitute PII? (Select two.) | Telephone numbers. Passport numbers

Which of the following elements should be communicated with end users when negotiating ethical access to a user’s data? (Select two.) | The intention behind a certain activity or request. A request for consent to perform an action

Which of the following describes the technique of homomorphic encryption? | A method of performing operations on encrypted data.

Which of the following describe aspects of secondary data usage that might increase ethical risks? (Select two.) | Additional organizations and processors may now have access to the data. Data applied to secondary purposes may expose private aspects or diminish personal dignity

Question 7

Which of the following provide a user with more meaningful choices regarding how their data is being used? (Select two.) | Granular or modular control over data usage. Opt-out/opt-in mechanisms

Which of the following refer to legal regulations or industry frameworks for protecting data? (Select two.) | HIPAA. NIST Privacy Framework

Question 9

Which of the following are prerequisites for high-level digital security and trust mechanisms? (Select two.) | Authentication. Authorization

Which of the following describe a process of cross-correlation of data? (Select two.) | Discovering new information via inference. Comparing multiple data points or sets

How does the use of open source libraries pose a challenge to accountability? | There isn’t necessarily a single “corporate person” responsible for an open source library.

Which of the following is generally true regarding the effect of automation on complacency? | The more reliable a system is, the more complacent its operators will be.

Which of the following is a type of algorithm that is typically associated with the idea of a black box? | Artificial neural networks (ANNs)

Why do gaps in governance make it difficult to hold people accountable? | It’s not clear who is responsible for what in each area.

How can an auditor be held accountable? | They can be held accountable for what they discovered while conducting the audit.

Which of the following are types of responsibilities assigned in a RACI matrix? (Select two.) | Accountable . Consulted

When is a pilot test conducted within the project lifecycle? | Before development

Which of the following steps of AIA development and implementation enable the public to engage with an organization that fails to meet its AIA requirements? | Due process challenge

Which of the following are important components to provide to typical users in a data visualization? (Select two.) | Informing the user about what context they are in at all times. Enabling the user to zoom into and out of a visualization.

Which of the following is a key performance indicator (KPI) that might be found on a dashboard that tracks development of an AI system? | A table of model evaluation metrics.

What does the acronym RACI stand for? | Responsible, Accountable, Consulted, Informed

Which of the following describes extrajudicial judgment? | A ruling or scoring made outside of a court.

Which of the following elements might be considered moderately affected in an Impact Level 2 Algorithmic Impact Assessment? (Select two.) | The rights of individuals or communities.. The health and well-being of individuals or communities.

Which of the following describes automation bias? | Bias of people towards overly trusting in automation.

Which of the following are likely benefits of having defined organizational policies? (Select two.) | It supports accountability and makes it more explicit. It supports consistency of behavior and unification of culture.

How might a non-stochastic decision tree be considered a black box algorithm? | If the model is far too complex to be readily understood by human beings.

Which of the following are potential ethical benefits of conducting pilot testing prior to the release of emerging technologies? (Select two.) | It minimizes the impact of any ethical issues which may emerge. It reveals any gaps in accountability or auditability.

Which of the following are important steps to document during an auditing process? (Select two.) | Document the audit procedures to be followed. Specify and document what precisely is being audited.

Which of the following are common key performance indicators (KPIs) within dashboards of data-driven systems? (Select two.)| Model training time. Performance metrics, such as accuracy and cost functions

Which of the following are likely examples of a leverageable third party data-driven or data-related product? (Select two.) | Compiled models. Data annotation and augmentation tools

Which of the following describes a closed source application? | An application whose source code is not freely available for anyone to view or copy.

Which of the following is a negative impact on transparency when it comes to shadow banning users? | The user is unaware of being banned and therefore cannot contest the ban.

How can you ensure there is oversight in an AI system during deployment? | Conduct periodic assessments of its decision-making capabilities.

True or False? In a classification and regression tree (CART), classification decisions are only made at the end of the tree. | False

Which of the following resources would be helpful in explaining the machine learning process to a layperson? | A flow diagram of the overall steps in the process.

Which of the following is the best way for an organization to solicit feedback from users in an online setting? | Placing a form on a marketing website, encouraging users to fill it out.

Which of the following accurately describes the role of a data discloser? | Any entity that provides data to an entity that requests said data.

Why is it important to be up front about inadequacies in training data? | The training data is the model's worldview, so the model's outcomes will be affected if that training data is inadequate.

When a Shapley value shows how much each feature contributed to predicting the label, what type of model interpretability does this support? | Global interpretability

Which of the following machine learning explainability tools produces results that are most appropriate for presenting to managers, executives, and other non-technical personnel? | ELI5

Which of the following is an explainability risk of self-learning models? | Self-learning models may introduce new data you’re unaware of.

Which of the following is a transparency risk of closed source software? | Closed source software may not be accessible to independent auditors.

A disruptive user on a social media site is subjected to a shadow ban. Which of the following might be an indication of that shadow ban? | A user logs in one day to find that they are able to post, but receive no direct responses.

Which of the following is an effort to turn black box AI models into models whose decisions are easier to understand? | Explainable AI

Question 5

You want to solicit feedback from users who are seeking explanations about your AI products and services. So, you decide to place a form on your marketing website that users can fill out. Which of the following is the best way to structure that form for the purpose of collecting useful feedback? | Provide a large, unrestricted text box where users can enter their thoughts at length.

You’re the recipient of some data collected by a third party that you’ll use in training an AI model. As per your business agreement, the third-party discloser of the data requests that you explain how you plan to use the data. At what point in the process should you provide this explanation? | At the point of collecting the data.

Which of the following are potential training data inadequacies that you should communicate to your users in support of transparency? (Select two.) | Any known bias in the sample data.. Any missing values in the dataset and how they were handled.

Which of the following is a technique used by the Python tool Alibi to produce a subset of features that will usually result in the same model prediction? | Anchor Explanations

Which of the following Python tools is designed to integrate with Google’s Cloud AI platform? | What-If

Which of the following are typically true when comparing the LIME tool with the SHAP tool? (Select two.) | LIME is less accurate than SHAP. LIME outputs results faster than SHAP.

True or False? Implicit bias requires an intent to be biased. | False

Which of the following data collection activities can lead to sampling bias? | Collecting data on groups of people disproportionately.

Which of the following is a type of edge case that is the result of missing or incorrect values? | Errors

Which of the following is a risk that could arise if you fail to analyze models in different environments? | The model may not generalize well to a wider set of scenarios.

How can modeling personas help identify risks to fairness and non-discrimination? | Comparing personas to an AI model's results can help you identify biases in the model.

True or False? Inclusive design requirements can be met by multiple products. | True

Which of the following environments are included in a STEEPV analysis? (Select two.) | Economic. Technological

Which of the following should be considered when employing user testing? (Select two.) | Set up a testing scenario that can be replicated. Establish how to use test results to improve the product.

Which of the following are benefits of employing bias bounties in emerging technologies? (Select two.) | The developer can address the bias in a piece of technology more quickly.. The bounty hunter receives a reward.

Which of the following types of neural networks is radioactive data tracing most applicable to? | Convolutional neural network (CNN)

Which of the following types of bias emerges when the same data is sampled over and over again, limiting a model’s perspective? | Reinforcement bias

Why is a model that has been overfitted to its training data a source of fairness risk? | Because the model won’t generalize to the entire population.

Which type of edge case is caused by data outside the normal distribution? | Outliers

Which of the following is a function of exploratory data analysis (EDA)? | To evaluate the quality of data before it is used to train a model.

How can persona modeling be used to identify potential biases in a machine learning model? | The persona may represent groups of people that could be susceptible to bias.

Question 6

In a classification model that determines whether or not a customer qualifies for a coupon, a significantly lower percentage of males qualified than females. Which of the following types of discrimination does this outcome potentially represent? | Disparate impact

Which of the following describes the purpose of a STEEPV analysis? | To perform a strategic analysis of how external environments impact business operations.

Which of the following are best practices for incorporating inclusive design in AI projects? (Select two.) | Leverage customer input to reduce bias. Consider bias a spectrum.

Which of the following describes the AI Fairness 360 project? | An open source library that evaluates models for bias and provides mitigation tactics to reduce that bias.

What is the primary advantage of radioactive data tracing over past techniques that modify input in order to determine whether or not that input was used in training? | Radioactive data tracing doesn’t impact a model’s performance.

An attacker fools an AI-based anti-spam system into thinking the attacker’s email messages are benign. This enables the attacker’s emails to reach their destination(s) without being blocked. What type of adversarial machine learning is this? | Evasion

What is the primary motivating factor behind hacktivism? | The desire for social change.

Which of the following types of malware monitors a user’s behavior without their knowledge or permission? | Spyware

If you were to place the task “Apply security patch to system” on an attack tree diagram, what category would it be assigned to? | Control

What is the function of a red team in a penetration testing exercise? | To conduct the simulated attacks.

Which of the following are objectives of a forensic analysis? (Select two.) | To determine what occurred in an incident. To identify who or what is responsible for an incident.

Which of the following describes the goal of integrity when it comes to cybersecurity? | Ensuring that data hasn’t been modified without authorization.

Which of the following are transport encryption protocols? (Select two.) | SSH. SSL/TLS

Which of the following is a platform that includes hundreds of security exploit tools? | Kali Linux

Which of the following describes the purpose of a SIEM? | To aggregate alerts from disparate sources into a single analysis platform.

What does the acronym SIEM stand for in a cybersecurity context? | Security information and event management

Which of the following sources does a SIEM system typically pull data from? (Select two.) | System event logs. Network intrusion detection alerts

Which of the following are likely to be found within a penetration test rules of engagement (ROE)? (Select two.) | What systems may be targeted. What methods of attack are legitimate

Which team typically oversees penetration test operations and adherence to the rules of engagement (ROE)? | White team

Which of the following benefits can be gained from establishing baseline system behaviors? (Select two.) | Tracking deviance from norms. Restoring compromised functionality through a system rollback

Which of the following could Nmap, Wireshark, or Metasploit be applied to for ethical purposes? | Attack simulations

What does the initialism CIA stand for in a data security context? | Confidentiality, integrity, availability

SSL, TLS, and SSH are all forms of... | Encryption protocols

What does the acronym CSIRT stand for in a security context? | Cybersecurity incident response team

In which of the following could STRIDE or VAST classifications be applied? | Threat modeling or analysis tools

Which of the following risk categories deals with stakeholder responsibility in creating and using data-driven technologies? | Accountability

To uphold transparency and explainability, communication about data-driven technologies should be... | Clear, concise, and coherent

Which of the following is an adequate definition of a stakeholder? | All people who have an impact or are impacted by the organization.

Which of the following can help mitigate the unwillingness to accept feedback? | Communicate the importance of feedback in refining a product.

Which of the following are pitfalls in communicating risks to the organization? (Select two.) | Having a disjointed message. Not paying attention to the flow of messaging.

Why is suspicion a pitfall in communicating ethical risks to society? | Suspicion involves fear of some technology that is not completely known.

Which of the following describes the purpose of a business impact assessment (BIA)? | It helps you predict business interruptions and develop recovery strategies.

Which of the following are challenges that can arise if you fail to communicate about the social impact of ethical risks? (Select two.) | Disenfranchisement. Erosion of rights

Why is it important to maintain public trust? | Trust, once lost, is difficult to regain.

Why is it important to take a proactive approach to addressing liability issues? | The law often lags behind innovation.

Why is it important to categorize ethical risks into different types? (Select two.) | It helps us understand the many complexities involved in different types of ethical risks. It makes it easier for us to identify and manage different types of risks.

Which of the following communication tactics help uphold transparency and explainability from the customer perspective? (Select two.) | Providing information about data-driven systems in simple, easy-to-understand terms. Providing prompt responses to customer questions about the decisions made by data-driven systems.

Why is it important to engage stakeholders at the beginning of the ethical risk management process? | It demonstrates that the organization is committed to accountability and transparency in their data-driven systems.

Which of the following situations would most likely require communication to external stakeholders? (Select two.) | The organization’s data-driven service will receive an update that enhances its accuracy. The organization’s AI product has a defect and needs to be recalled.

Which of the following are useful strategies for communicating ethical risks to the organization? (Select two.) | Communicate information in real time. Disseminate information in multiple formats

Which of the following are useful strategies for communicating ethical risks to society? (Select two.) | Be culturally sensitive and culturally aware during communication. Ensure communication policies are diverse, inclusive, and equitable

When conducting a business impact assessment (BIA), why is it important to interview or survey personnel at the ground level, not just managers and other higher-ups? | They may have more institutional knowledge about a subject than managers.

As a result of failing to communicate ethical risks, the organization’s reputation suffers and customers are less confident in the organization. What direct impact can this have? | The products or services the organization creates will have less of an impact in the marketplace.

Which of the following should be conducted as part of a risk communication strategy in order to ensure the organization is upholding its regulatory obligations? | Compliance audit

Which of the following are useful strategies for communicating ethical risks to the individual? (Select two.) | Ensure individuals feel that they have input into the process

Which of the following is a consequence of an organization not being diverse, equitable, and inclusive? (Select two.) | Reputational damage. Data breaches

Which of the following is a benefit of crafting an organizational philosophy? | It informs employee behavior.

The decisions in a vision statement must be properly aligned with what? | The organizational philosophy.

Which of the following describes a disclosure statement? | A document that outlines the risks and responsibilities of a financial transaction.

Which of the following does corporate reporting provide? | A report of the financial health of an organization.

Which of the following can make or break a media campaign? | Stakeholders

Which of the following is a primary purpose of public education campaigns? | They ensure the public can make informed decisions.

Which of the following is a consequence of negative traction on social media? | Negative traction spreads rapidly on social media.

When communicating with the media, it's important to... | Include your own talking points.

Which of the following is a useful question to ask yourself in order to drive the message in a press conference? | What is going to be the headline tomorrow?

Which of the following is a best practice for incorporating diversity, equity, and inclusiveness in communication? | Promote an organizational culture that embraces these values

Which of the following is an important concept to consider as part of building an organizational philosophy? | Anticipating future implications of that philosophy

The endorsement of which of the following types of stakeholder is most critical when developing mission and vision statements? | Employees

Which of the following is a benefit of providing disclosure statements? | It demonstrates that the organization has a commitment to openness.

Which of the following is the most important factor to consider when developing corporate reports? | Where the data used in the report comes from and how accurate it is

Which of the following are important factors to consider when developing a media campaign? (Select two.) | The time-sensitive nature of communication in the campaign. The environment in which the campaign will be launched  
Question 7

Which of the following are distinguishing characteristics of a "living" public education campaign? (Select two.) | The campaign is continuously improved upon.. The campaign fosters a relationship between the organization and its stakeholders.

Which of the following is a best practice when participating in media inquiries? (Select two.) | Ensure your message is consistent

What is the benefit of hosting a virtual reality press conference over a traditional in-person press conference? | The conference can be interactive without the participants needing to be co-located.

Which of the following are important qualities of a press release? (Select two.) | It’s concise. It’s in a digital format

Which of the following is a key quality of crises? | They are often unpredictable.

What is the primary goal of crisis communications? | To maintain the reputation of the organization.

When should you begin assembling a crisis communication team? | Well before a crisis happens.

Which of the following should a spokesperson be taught to avoid? | Saying "no comment" to a question or remark.

Which of the following primarily drives the choice of a notification system? | The specific needs of the organization.

Why is it important to include input from different departments and levels when conducting a vulnerability audit? | Not everyone has the same information that could be useful.

Which of the following situations does a business continuity plan (BCP) respond to? | The organization's ability to conduct business as usual is diminished.

Why is it important to distinguish a typical incident from a disaster? | A disaster may require more strategic methods of securing valuable assets.

How can you take a proactive approach to incident response? | Discuss incident response early in the risk management process.

Which of the following principles are you upholding when you refuse to "pass the buck" when managing organizational reputation? | Accountability

How does the low likelihood of a crisis relate to its potential impact? | A crisis with low likelihood tends to have high impact.

Which of the following is the most important idea that a crisis communication program should manage? | The public’s perception of a crisis

Which of the following are important to provide to a crisis communication team? (Select two.) | Clear direction on the roles and responsibilities of team members. Access to adequate resources

Which of the following are desired qualities when choosing a spokesperson for your organization? (Select two.) | Articulate when communicating important details. Patient when addressing tough questions or concerns

The organization needs to ask itself about any quality control issues it may be having. Which of the following processes is most suitable for asking and answering that question? | Vulnerability audit

Question 6

Which of the following practices can help an organization prepare to uphold business continuity in the event of a crisis? (Select two.) | Rehearsing business continuity tasks. Performing a business impact assessment (BIA)

How can you leverage emerging technologies like AI in disaster recovery plans (DRP)? | By using data-driven techniques to inform the strategies behind the DRP.

Which of the following is the first step in developing an incident response plan (IRP)? | Identifying risks

Which of the following activities are important to conduct in a post-crisis phase? (Select two.) | Discussing lessons learned during the crisis. Communicating information about the crisis with stakeholders

Communicating information about the crisis with stakeholders | By reviewing a crisis too soon, you may not have collected all of the useful details.. By reviewing a crisis too soon, you can exasperate the people involved.

How can you leverage AI in your media communication plan? (Select two.) | Using AI to profile stakeholders. Using AI to predict media trends.

Which of the following should a holding statement directly address? | Risks

Which of the following AI techniques is most useful to an early warning system using social media? | Sentiment analysis

Which of the following principles do feedback and monitoring help promote? (Select two.) | Accountability. Transparency

Which of the following should be avoided when communicating about a crisis? (Select two.) | Providing information about what you don't know. Providing information about what you hope to be true.

Which of the following is a type of crisis that starts off small, then begins to grow into a larger crisis? | Smoldering crisis

What does an ongoing relationship with the media often lead to? | Goodwill

Why is it important to leverage social media influencers when communicating during a crisis? | Influencers have a dedicated following.

Why is it important to prepare for long-term communication in emerging technology fields? | New risks will emerge in the future that need to be addressed.

Which of the following are tools of an effective media communication plan? (Select two.) | Video briefing. Press release

What is the purpose of a holding statement in crisis and media communications? | To pre-write communications before they are needed

Which of the following are effective strategies when making statements on social media? (Select two.) | Being honest and up front. Presenting a face of the organization

What is the primary purpose of obtaining feedback about an ethical crisis? | To make operational improvements

Question 5

Which of the following negative consequences is the direct result of failing to be truthful in communicating about a crisis? | Reputational damage

When you deliver periodic statements about a crisis to the media, what should the first statement do? | Set the tone of what is to follow

Why is it important to build a “reservoir” of goodwill with the media? | The media will be less likely to accuse the organization of being malicious or negligent in the event of a crisis.

Why is it important to leverage legacy media like print, television, and radio, rather than just digital media? | Not everyone has access to digital media platforms

Which of the following is a useful strategy when communicating the truth about a crisis becomes difficult? | Put all of the information out there at once

How can sentiment analysis be useful in social media communication? | It can shape the content and delivery of the message based on users’ perceptions of the organization or technology.

How do you create an ethical organizational culture? | Transparency about company values.

What does a leadership champion do? | Make decisions based on company values even in the face of adversity.

What are the duties of an ethics board for data-driven technology organizations? | Respond to rapid changes in the field, investigating the ethical implications. Develop resources to be used in ethical decision-making processes. Build a a repository of institutional knowledge around ethical practices.

How can the human resources department help build an ethical organizational culture? | Hiring candidates based on their cultural fit.

What is the purpose of change management in terms of creating an ethical organizational culture? | To create a smooth transition.

How is employee voice different than an open door policy? | Employee voice follows up with people to show how changes were implemented based on their communication.

What makes ethics training effective? | Keep sessions short and focused. Keep sessions interactive. Keep the content simple and direct.

How is a culture building workshop different from ethics training? | Culture-building workshops teaches people how to integrate company values into daily practice, while ethics training teaches the company values.

What is a culture of appreciation? | An incentive structure that encourages all employees to identify people who deserve a reward for behaving ethically.

Which of the following describes ethics washing? | Genuine ethical action gets replaced by superficial promises.

Is an open door policy equivalent to ensuring employee voice? | No, because an open door policy does not ensure employees feel heard.

Which of the following might be a risk of not having an ethical organizational culture? | Employees might face cognitive dissonance.

Which expression best characterizes what a company or organizational culture is? | “This is how things are done around here.”

Which of the following describes change management? | A collective term for all approaches to prepare, support, and help individuals, teams, and organizations in making organizational change.

Which organizational resource is most commonly used in terms of fostering an ethical organizational culture? | Human resources

Which of the following describes the purpose of having an Ethics Board for a data-driven organization? | An Ethics Board can help maintain an organization’s values-based intentions and increase transparency into how they use data-driven technologies.

Which of the following is a potential benefit of having an ethical organizational culture? | Employees will feel a sense of responsibility and loyalty.

Which of the following describes employee voice? | The amount of voluntary effort employees are willing to put into communicating suggestions, opinions, concerns, and ideas that can be used to make improvements.

What is the purpose of ethics training in regard to fostering an ethical organizational culture? | To help employees develop their ability to recognize and promote ethical decisions in the workplace and identify ethical and unethical actions and behaviors.

Which approach to corporate governance is more likely to create an ethical organizational culture? | A systemic approach with incentive systems.

An ethical impact assessment is | Focused on preventing future problems.

Why is accountability an important principle to include in governance structures for data-driven technologies? | Accountability in governance structures encourages all employees to feel responsible for building trustworthy systems

Why is fair competition an important ethical consideration for data-driven technology businesses? | Fair competition builds user trust in the technology as a whole.

In the context of open data, what is FAIR? | An acronym for findable, accessible, interoperable, and reusable.

What shared principle from ethical frameworks is intellectual property often at odds with? |Transparency/explainability

What is the ethical consequence of failing to follow legal and regulatory requirements? | A failure to follow them leads to a lack of stakeholder trust.

What shared principle from ethical frameworks is the primary reason for the consideration of human rights when building AI systems? | Fairness/non-discrimination

How can we mitigate the economic and labor impacts of automation of jobs through AI systems? | Design AI systems that are decision aids for humans or otherwise complement human skills.

Why is corporate governance important when thinking about ethical considerations for the development of data-driven technologies? | It provides an accountability framework for stakeholders of the organization to prevent ethical violations.

Which of the following would be the most beneficial stage to hold ethical risk reviews for a new project that your team is undertaking? | Conception

Which of the following is NOT a common consideration when looking at the major ethical frameworks? | Humanity

Which of the following is an ethical benefit of incorporating fair competition considerations in a data-driven technology ecosystem? | Encouraging product or service differentiation

Which of the following principle sets are important for the creation of open data that is widely utilized? | FAIR

Which of the following is a misuse of intellectual property (IP) when it comes to ethical accountability for an organization? | Using IP as a defensive mechanism to eschew transparency requirements.

Which of the following is an ethical risk if there is non-compliance with legal and regulatory requirements within a jurisdiction ? (Select two). | User discrimination. Lack of transparency

Which of the following best explains why there is an emphasis on including human rights in the major ethical frameworks? | They are universal and provide scaffolding for all other ethical considerations.

Why are environmental concerns important to consider in the ethical development of data-driven technologies? | Data-driven technologies can cause secondary, indirect, or cumulative effects on the environment that might impact people in the long term

Which of the following presents the most important argument for why we need to consider the impact of AI on labor in the design, development, and deployment of data-driven technology? | here might be potential labor rights and human rights violations.

What is the purpose of a code of ethics? | To provide values to guide employee decision-making.

What roles do stakeholders play in developing a code of ethics? | Reviewers

What are some ways to identify potential areas of concern? | Look at ethical mistakes or concerns discussed by other companies in the same domain. Ask external users to interact with the product or service and discuss their ethical concerns. Look at prior issues with your product or service.

What are the proactive reasons to identify potential barriers to change in ethical practices during the development phase of a code of ethics? | To address the issues within the code itself. To avoid throwing away the cost of implementation due to limited adoption.

True or False? The reason you collect code of ethics samples from other companies is so that you don't have to draft your own. | False

What style or tone is not recommended for a code of ethics? | Formal legal language.

How do you run a pilot program for a code of ethics? | Stress test the code of ethics on a sandbox project. Have a set period for feedback and clear mechanisms for collecting feedback.

Who has the final approval of a code of ethics? | Board of Directors

What is the best way to ensure your code of ethics is deployed successfully? | Build policies and procedures that embed the code of ethics into day to day practices.

To which of the following groups would a code of ethics not be applicable? | Data subjects of the data-driven technology system

Which of the following constitute internal stakeholders in the context of a code of ethics? | Designers

Question 3

Which of the following constitute external stakeholders in the context of a code of ethics? | Regulators

Question 4

How can you identify potential areas of concern for ethical practices when developing a code of ethics? (Select three). | Obtain feedback from stakeholder focus groups. Research similar organization’s ethical mistakes and concerns. Identify prior issues with your product or service.

Which of the following are possible causes of the limited adoption of a code of ethics within an organization? (Select two). | Lack of awareness of the code of ethics and where it is meant to be applied. Lack of clarity in the code of ethics

Which style or tone is recommended for a code of ethics? (Select two.) | Prescriptive language. Plain language

Which of the following is a problematic reason to pilot a code of ethics prior to widespread deployment? | The pilot phase demonstrates the seriousness of the organization with respect to its ethical responsibilities.

Which of the following is a reason to periodically update a code of ethics document? | It allows you to capture the evolving nature of the ethical risks of the product or service that you are developing.

Which of the following will ensure that a code of ethics is widely adopted within the organization? | Integrating the code of ethics deeply into the existing workflows within the organization.

Which of the following are reasons to design, develop, and deploy a code of ethics within an organization? (Select two). | It compels employees to operate in an ethical and integral manner. It creates consistency in the ethical practices across the organization, rather than patchy implementation of the practices.

How are policies and procedures connected? | Procedures provide the concrete steps to make policies practical.

What is a policy owner? | The lead developer of the policy. The liaison with internal and external stakeholders.

What makes a policy understandable to employees? | Simple familiar language

Why should you consult external stakeholders when developing a ethics policy? | To ensure their values are represented, in case they are different than the values of the product development team.

What should you document before publishing a new policy? | Any assumptions made during policy development. Any open issues that are being deferred to the next policy refresh.

Which asset will best ensure procedures are followed? | Toolkits and training on the tools

What is the most important element to ensure a successful policy implementation? | Simple, easy to follow examples how the policy works in practice.

When should policies be refreshed? | On a regular cadence, such as yearly. When there are dramatic changes in the product or service capabilities.

Which of these descriptors best characterizes surveys? (Choose two). | Scalable. Easy to analyze due to the standardized questions and responses.

How can ensure tracking severity of ethics violations is objective and consistent? | Use risk matrices like those used in cybersecurity. Use an internal system with a limited set of menu options defined by a group of internal and external stakeholders.

Which of the following helps to ensure that internal and external ethics policies are adhered to in practice? | Having unambiguous procedures tied to the clauses of the policy.

which of the following is an important reason to have a policy owner for internal and external ethics policies ? | They can help to bring the right internal and external stakeholders together to help draft these ethics policies.

Which of the following is a reason to engage in a comprehensive information gathering phase before drafting your internal and external ethics policies? | It helps to unearth best practices from peers in the industry.

Which of the following is a reason to engage external stakeholders during the development of internal and external ethics policies ? | It can unearth new insights for how the products and services might be used in the target demographic community.

Which of the following is an important action needed for the finalization of internal and external ethics policies before approval? | Documenting the assumptions and choices made in the drafting of the policies

Which of the following is an essential asset that helps to operationalize the internal and external ethics policies via procedures? | Concrete examples that show how the policies work in practice.

Question 7

Which of the following is a key element of communications with internal and external stakeholders regarding an organization’s ethics policies? | Simple to follow examples

Which of the following is an important reason for continually refreshing an organization’s internal and external ethics policies? | It helps maintain alignment with the emergent risks and changing ethical posture of the products and services of the organization.

Which of the following is a benefit of using focus groups over surveys? | They allow for deeper engagement with the target demographic community.

Which of the following is a valid reason for tracking the number and severity of an organization’s ethical violations? | It can help provide transparency around the efforts to improve the policies.

You can find practice questions in which of the following places? | In the summative assessments section of the Coursera course.

Exam questions are developed by whom? | Industry experts

The Coursera Professional Certificate is which type of certificate? | Assessment Based Certificate

Certifications can be revoked | True

The name you enter when setting up your PearsonVUE account should be which of the following? | Your name as it appears on the identification you will use on the day of the exam.

You will be able to find out what to have available on the day of exam in which of the following? | The CertNexus Policies agreement

The following are allowed during your online exam. | Clean desk with no interruptions.

As part of the check in process at the testing center you will be requested to do which of the following? | All of the above (Remove your glasses for inspection, Stow away all personal items., Roll up your sleeves.)

What evidence could you provide to your Accredible badge profile? | Projects and honors projects completed in the Coursera Course. Academic paper in the subject area you are certified.

Based upon studies from conducted by accredited certification bodies and the Lumina Foundation, which of the following is true regarding professionals who hold industry validated certifications? | They have greater potential to earn higher salaries than peers without professional certifications.

When scheduling your exam on Pearson VUE, you will be asked to provide information about yourself. Which of the following do you need to be sure to do when entering this information? | Match the government-issued ID that you will use to verify your identity on the day of the exam.

Which of the following is a noted difference between a certificate and a certification? | Certifications are issued by industry certification bodies.

Which of thefollowing tools can be used to prepare for a certification exam? | Summative assessments in Coursera preparatory course. Instructor-led or self-paced courses in the exam domains. The domain domains and objectives in the exam blueprint.

Which of the following are included in an exam blueprint? | The length of the exam

Upon successful completion of your exam, which of the following actions can you take to share your certification with employers and peers? | Post your Accredible-issued badge on social platforms such as LinkedIn.   
Question 7

You have scheduled your exam at a Pearson VUE test center. Which of the following should you do before you leave for your appointment at the test center? | Check that you have the government-issued ID that you used during registration.

Which of the following are included in the CertNexus Candidate Agreement? | Expectations of personal conduct such as cheating   
Question 9

Reviewing the exam blueprint prior to scheduling your exam will allow candidates to do which of the following? | Consider whether you possess the knowledge, skills, and abilities required to successfully pass the exam.

Which of the following is an easy and accessible way to demonstrate your skills alongside your certification? | Post evidence of your accomplishments on your Accredible profile