EXIN

EXIN BCS
Artificial Intelligence

FOUNDATION

Certified by EXIN

Sample Exam

Edition 202502

Content

Introduction

This is the EXIN BCS Artificial Intelligence Foundation (AIF.EN) sample exam. The Rules and Regulations for EXIN's examinations apply to this exam.

This exam consists of 40 multiple-choice questions. Each multiple-choice question has a number of possible answers, of which only one is correct.

The maximum number of points that can be obtained for this exam is 40. Each correct answer is worth 1 point. You need 26 points or more to pass the exam.

The time allowed for this exam is 60 minutes.

Good luck!

Sample exam

1 / 40

'The ability to understand and learn, and make judgements or have opinions that are based on reason'.

What is this the definition of?

A) Creativity
B) Intelligence
C) Technology
D) Thinking

2 / 40

What is the scientific method?

A) A procedural approach to learning
B) A technological approach for communicating
C) An efficient method of teaching new concepts
D) An empirical method for acquiring knowledge

3 / 40

What is the purpose of the Asilomar artificial intelligence (AI) principles?

A) To ensure that AI development has a product manager
B) To ensure that AI development meets financial objectives
C) To ensure that AI is developed safely and beneficially
D) To ensure that AI is developed using the best technology

4 / 40

Which type of artificial intelligence (AI) is focused on performing specific tasks within a defined scope?

A) Domain AI
B) General AI
C) Narrow AI
D) Technical AI

5 / 40

Which is an environmental impact of artificial intelligence (AI) on society?

A) Cost of development
B) New skills demand
C) Speed of development
D) Water usage demand

What measure helps limiting the environmental impact of artificial intelligence (AI)?

A) Only focusing on delivering AI benefits
B) Using green, energy-efficient AI models
C) Using high-code programming
D) Using low-cost development approach

What is 'ethics in artificial intelligence (AI)'?

A) Guidelines and principles for making AI systems morally intelligent
B) Guidelines and principles governing the creation and use of AI systems
C) Guidelines for advanced algorithms to solve ethical dilemmas
D) Guidelines for teaching AI systems to make moral decisions

What is the international standard that specifies requirements for continually improving an artificial intelligence management system (AIMS) within organizations?

A) ISO 9001
B) ISO 22989
C) ISO 31000
D) ISO 42001

Which of the following poses a challenge to ethical behavior when deploying artificial intelligence (AI)?

A) Being interesting
B) Budgetary control
C) Conflict of interest
D) Timeline control

What is a strategy for addressing ethical challenges in artificial intelligence (AI)?

A) Being aware of product financials
B) Creating a product lifecycle guide
C) Creating an ethical risk framework
D) Monitoring autonomous progress

Why is regulation considered necessary for artificial intelligence (AI)?

A) To limit pace of innovation
B) To manage associated risks
C) To manage recruitment
D) To simplify complexity

Which of the following is **not** a risk management technique?

A) Crisis
B) Cynefin
C) PESTLE
D) SWOT

Autonomous vehicles are examples of what?

A) Artificial intelligence (AI) technology
B) Human technology
C) Nanotechnology
D) Social technology

Which of the following is a **common** example of artificial intelligence (AI)?

A) Construction worker
B) Personal secretary
C) Search algorithms
D) Washing machines

What is a machine that can carry out a complex series of tasks automatically?

A) Artificial
B) Intelligent
C) Programmed
D) Robotic

An artificial neural network is a form of what?

A) Automation that learns from sensors and the Internet of Things (IoT).
B) Biological computing that learns from human emotions.
C) Machine learning that learns from structured and unstructured data.
D) Scripting that learns from unstructured data randomly.

17 / 40
Which of the following is a machine learning concept?

A) Bunching
B) Clumping
C) Clustering
D) Combining

18 / 40
What type of data does semi-supervised machine learning use?

A) Expert system data
B) Labeled and unlabeled data
C) Random data
D) Unlabeled data only

19 / 40
What action is taking place when data is summarized and presented in a manner such as graphs, tables or images?

A) Data cleaning
B) Data gathering
C) Data processing
D) Data visualization

20 / 40
Which of the following data quality checks seeks to ensure that data is free from conflict, such as text being entered into a number field?

A) Completeness
B) Consistency
C) Timeliness
D) Uniqueness

Which of the following artificial intelligence (AI) risks, could be minimized by the use of human subject matter experts (SMEs)?

A) Bias
B) Data breaches
C) Loss of service
D) Misinformation

Which of the following is a **common** use of big data in organizations?

A) Identifying health and safety risks in business premises
B) Providing insight into employee morale
C) Providing insight into user purchasing patterns and trends
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Which data visualization method would be **most** suitable for displaying multiple streams of business data at one time, such as key performance indicators (KPIs)?

A) Dashboard
B) Infographic
C) Presentation
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'Deep learning algorithms that can recognize, summarize, translate, predict, and generate content using very large datasets.'

Which artificial intelligence (AI) concept is described here?

A) Augmented reality
B) Large language models (LLMs)
C) Linear algebra
D) Virtual reality

In generative artificial intelligence (AI), what terminology is used to describe the alteration of instructions given to the model, in order to generate a specific response or output?

A) Data selection
B) Natural language processing
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Which stage of the machine learning process is concerned with the representation of data as images, graphs, audio, or similar, with a purpose of making it easier to understand and gain insight from?

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27 / 40
Which of the following tasks **best** represents an opportunity to use process automation in a logistics organization?

A) Conducting virtual employee appraisals
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28 / 40
In which area of a business case should an overarching brief of the business case be documented?

A) Impact assessment
B) Management summary
C) Recommendations
D) Risk assessment

29 / 40
Which quadrant of the power/interest grid would a stakeholder with both high power and high interest fall into?

A) Constant active management
B) Keep informed
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30 / 40
In a Waterfall project, which stage comes immediately after design?

A) Deployment
B) Implementation
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When implementing an artificial intelligence (AI) solution in an organization, which of the following frameworks should be used to assess the impact of the 3Ps (profit, people, and planet) of the change?

A) Power/interest grid
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A) The individual who is ultimately accountable for ensuring the risk is managed appropriately
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Which generative artificial intelligence (AI) tool is commonly used in sales and marketing?

A) Chatbots
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The term 'human plus machine' **generally** refers to what?

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A) Contributing to climate change
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'A future period characterized by rapid technological change that will irreversibly transform human life'.

What is this referring to?

A) Capabilities
B) Connectivity
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D) Singularity

Answer key

1 / 40
'The ability to understand and learn, and make judgements or have opinions that are based on reason'.

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A) Incorrect.
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33 / 40
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35 / 40
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36 / 40
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What is this referring to?

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Evaluation

The table below shows the correct answers to the questions in this sample exam.

Question	Answer	Question	Answer
1	B	21	D
2	D	22	C
3	C	23	A
4	C	24	B
5	D	25	C
6	B	26	C
7	B	27	B
8	D	28	B
9	C	29	A
10	C	30	B
11	B	31	C
12	A	32	A
13	A	33	D
14	C	34	D
15	D	35	A
16	C	36	B
17	C	37	A
18	B	38	B
19	D	39	D
20	B	40	D

Contact EXIN

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