2021 CFA® Exam Prep



IFT Mock Exams

Level III

Mock Exam 1

Document Version: 1.1 Publish Date: March 2021 Errata information can be found at <u>https://goo.gl/UVXdAv</u>

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SAMPLE

QUESTION 1 HAS THREE PARTS (A, B, C) FOR A TOTAL OF 10 MINUTES.

An advisor for Freans Capital Management is working with a new client, Tom Braidwood. He asks Braidwood a series of diagnostic questions to determine whether he may have any of the following investment behavioral biases:

- Loss aversion
- Endowment
- Regret aversion
- Illusion of control
- Overconfidence
- Framing

Sample diagnostic questions are shown in Exhibit 1.

Exhibit 1

Freans Capital Management Sample Diagnostic Questions

- 1. If offered two free lottery tickets, will you select your own numbers or have a machine do it?
- 2. At what price are you willing to sell off the investment holdings received as an inheritance?
- 3. How do you generally attribute the success of your decisions?
- **A. Identify** the behavioral bias that each diagnostic question in Exhibit 1 is *most likely* to reveal.

Note: Each diagnostic question is designed to reveal a different bias.

3 minutes (Answer 1-A on the template provided)

Tom Braidwood informs his advisor that he has always been willing to take a small chance of losing up to 7 percent of the portfolio annually. He says that he can accept any asset classes to meet his financial goals if the following constraint is considered.

"Expected return – 1.645 × Expected standard deviation \ge –7%."

After listening to him, the advisor decides to strive for a mean-variance efficient portfolio.

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Braidwood tells the advisor that his previous wealth advisor, Andy, made the following statements to him.

Statement 1: It is always recommended to know the historical performance of the CEO of the company before investing in it. Though Frio Industries has not shown any significant stock price appreciation over many years compared to its peers, recent newspaper headlines have been published about its new CEO. The CEO joined Frio after successfully managing APCO's operations for over a decade. Given his previous track record, investing in Frio shares will lead up to a good investment.

Statement 2: Global Equity Funds have increased by 1.5 – 2.0 times the historical average over the past two years. In view of this, I expect global equity funds to face a reversal in the near future. As a result, it is preferred to reallocate funds from equities to fixed-rate portfolio assets.

B. Evaluate the decision made by the advisor regarding Braidwood's portfolio preference.

2 minutes (Answer 1-B on the template provided)

C. Select the behavioral finance concept (availability, confirmation, framing, gambler's fallacy, representativeness, overconfidence, hot hand fallacy) *best* exhibited in *each* of Andy's two statements. **Justify** your response with one reason.

5 minutes (Answer 1-C on the template provided)

Answer Question 1 on This Page

1-A. Identify the behavioral bias that each diagnostic question in Exhibit 1 is *most likely* to reveal.

Note: Each diagnostic question is designed to reveal a different bias.

Diagnostic Question	Identify the behavioral bias that <i>each</i> diagnostic question in Exhibit 1 is <i>most</i> <i>likely</i> to reveal. (circle one)
 If offered two free lottery tickets, will you select your own numbers or have a machine do it? 	 Loss aversion Endowment Regret aversion Illusion of control Overconfidence
2. At what price are you willing to sell off	Framing
the investment holdings received as an inheritance?	 Loss aversion Endowment Regret aversion
	Illusion of control
	Overconfidence
	• Framing

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3. How do you generally attribute the success of your decisions?	Loss aversion
	• Endowment
	Regret aversion
	• Illusion of control
	Overconfidence
	• Framing

1-B. Evaluate the decision made by the advisor regarding Braidwood's portfolio preference.

1-C. Select the behavioral finance concept (availability, confirmation, framing, gambler's fallacy, representativeness, overconfidence, hot hand fallacy) *best* exhibited in *each* of Andy's two statements. **Justify** your response with one reason.

Andy's statement	Select the behavioral finance concept <i>best</i> exhibited in <i>each</i> of advisor's two statements. Note: No behavioral finance concept can be used more than once. (circle one)	Justification
1. It is always recommended to know the historical performance of the CEO of the company before investing in it. Though Frio Industries has not shown any significant stock price appreciation over many years compared to its peers, recent newspaper headlines have been published about its new CEO. The CEO joined Frio after successfully managing APCO's operations for over a decade. Given his previous track record, investing in Frio shares will lead up to a good investment.	 Availability Confirmation Framing Gambler's fallacy Representativeness Overconfidence Hot hand fallacy 	

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2.	Global Equity Funds have	•	Availability	
	increased by 1.5 – 2.0			
	times the historical	•	Confirmation	
	average over the past			
	two years. In view of this,	•	Framing	
	I expect global equity			
	funds to face a reversal	•	Gambler's fallacy	
	in the near future. As a		ç	
	result, it is preferred to	•	Representativeness	
	reallocate funds from			
	equities to fixed-rate	•	Overconfidence	
	portfolio assets.			
		•	Hot hand fallacy	

SAMPLE

Afternoon exam sample from IFT Portal

Course Dashboard

SAMPLE

Hello, Id3



Level III Mock1(PM) Titan Case

0% COMPLETE 0/4 Steps

Titan Asset Management is a well-managed firm that offers various kinds of mutual funds and investment plans for private and institutional clients. The board of directors of Titan had adopted the CFA institute Asset Manager Code of Professional Conduct (Asset Manager Code) a year ago to establish and promote ethicia behavior withe firm. The board has just instituted a review of each manager's ability to ensure his department's compliance with the Asset Manager Code. Amara Bhatia, CFA, the recently appointed chief compliance officer, is responsible for reviewing and evaluating each department's

Bhatia meets with Tom Preston, CEO of Titan, to discuss how well the procedures have been implemented over the last year to address the Manager's responsibility outlined in the Asset Manager Code's six principles. Preston responds, "We tried to address the following principles while implementing the policies and procedures of the Code:

Principle 1: Act for the benefit of clients and be professional and ethical in all our dealings at all times.

Principle 2: Act with skill, competence, and diligence. Communicate accurately and promptly with our clients while

Principle 3: Stay abreast of all rules of the capital markets."

Bhatia then reviews three current compliance procedures of the firm that were under Preston's supervision before her

Risk management process	The risk profile of a client's investment matches his risk appetite and ability. A comprehensive risk management process is administered for portfolios and investment strategies, identifying, measures, and managing risk. The risk management techniques implemented are consistent with the investment style and philosophy of our portfolio managers.
Portfolio information review	Accurate and complete portfolio information is provided to clients. The investment committee regularly does a review to confirm the accuracy of such information.
Business-continuity plan eview	Procedures for safeguarding client accounts and handling inquiries in case of emergencies or market disruptions. The current plan requires to back up all of the firm's computer systems and client records dally. The back-ups are stored in an offsite storage facility. Titan employs the services of an external recovery firm to carry out specific emergency plans. The recovery firm is responsible for the coverage of critical business functions. It implements plans to communicate with employees, critical vendors, and suppliers in the event of a facility or communication disruption. The same firm also provides plans for contacting and communicating with clients in an extended disruption.

Bhatia next discusses the client disclosure policies with Shiras Nathan, head of customer relations. Nathan states, "Regarding the Asset Manager Code relating to client services, we ensure the following policies: All disclosures are accurate and complete, and we show all our calculations, including the complicated ones. We communicate with clients regularly and provide performance reports whenever they request them. All conflicts of interests arising due to the firm or employee holdings in the same securities as clients, allocation of investments among similar portfolios, use of soft dollars, and directed brokerage arrangements are disclosed."

Finally, Bhatia asks about disclosures regarding management fees. Nathan responds that the disclosures contain the following information:

"Titan charges a 2% asset-based management fee. In addition to the management fee, clients pay distribution and service fees to buy and sell shares in a fund that cannot exceed 0.75 percent of a fund's average net assets per year. Titan charges fees that may not exceed 0.25 percent for marketing material or prospectuses sent to potential investors." After completing her evaluations, Bhatia works on her report suggesting recommendations before presenting them in the upcoming board meeting.



Course Dashboard

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Mock Exam 1 Morning Exam

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Mock Exam 1 Mock Exam

Mock Exam 1 Afternoon Exam 9 Quizzes Level III Mock1(PM) Titan Case

Evel III Mock1(PM) Alpine Investments Case

💷 Level III Mock1(PM) Payton Brix Case

Level III Mock1(PM) Anderson & Roberts Investment Partners Case

😳 Level III Mock1(PM) James Grant Case

📴 Level III Mock1(PM) Irwin Miller Case

Level III Mock1(PM) Cavell Capital LLC

E Level III Mock1(PM) Orbit Asset Management Firm Case

Level III Mock1(PM) Pioneer Asset Management Case

Mock Exam 2



Mock Exam 3 Afternoon Exam
 9 Quizzes

	consistent with the investment style and philosophy of our portfolio managers.
Portfolio information review	Accurate and complete portfolio information is provided to clients. The investment committee regularly does a review to confirm the accuracy of such information.
Business-continuity plan review	Procedures for safeguarding client accounts and handling inquiries in case of emergencies or market disruptions. The current plan requires to back up all of the firm's computer systems and client records daily. The back-ups are stored in an offsite storage facility. Titan employs the services of an external recovery firm to carry out specific emergency plans. The recovery firm is responsible for the coverage of critical business functions. It implements plans to communicate with employees, critical vendors, and suppliers in the event of a facility or communication disruption. The same firm also provides plans for contacting and communicating with clients in an

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Re	eview question	
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Hello, Id3

Course Dashboard

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Mock Exam 3 Afternoon Exam

consistent with the investment style and philosophy of our portfolio E Level III Mock Exams managers. Portfolio information Accurate and complete portfolio information is provided to clients. The investment committee regularly does a review to confirm the review accuracy of such information. Mock Exam 1 Procedures for safeguarding client accounts and handling inquiries in case of emergencies or market disruptions. The current plan Mock Exam 1 Morning Exam 🕑 1 Item requires to back up all of the firm's computer systems and client ecords daily. The back-ups are stored in an offsite storage facility. O Mock Exam 1 Aftern oon Exam Titan employs the services of an external recovery firm to carry out Business-continuity plan 9 Quizzes specific emergency plans. The recovery firm is responsible for the review coverage of critical business functions. It implements plans to communicate with employees, critical vendors, and suppliers in the event of a facility or communication disruption. The same firm also Level III Mock1(PM) Titan Case 😳 Level III Mock1(PM) Alpine Inv provides plans for contacting and communicating with clients in an extended disruption. 💷 Level III Mock1(PM) Payton Brix Case Bhatia next discusses the client disclosure policies with Shiras Nathan, head of customer relations. Nathan states Level III Mock1(PM) Anderson & Roberts In Partners Case "Regarding the Asset Manager Code relating to client services, we ensure the following policies: All disclosures are accurate and complete, and we show all our calculations, including the complicated ones. We communicate with clients regularly 😳 Level III Mock1(PM) James Grant Case and provide performance reports whenever they request them. All conflicts of interests arising due to the firm or employee holdings in the same securities as clients, allocation of investments among similar portfolios, use of soft dollars, 😳 Level III Mock1(PM) Irwin Miller Case and directed brokerage arrangements are disclosed." E Level III Mock1(PM) Cavell Capital LLC Level III Mock1(PM) Orbit Asset Management Firm Case Finally, Bhatia asks about disclosures regarding management fees. Nathan responds that the disclosures contain the following information: 5 Level III Mock1(PM) Pioneer Asset Management Case "Titan charges a 2% asset-based management fee. In addition to the management fee, clients pay distribution and service fees to buy and sell shares in a fund that cannot exceed 0.75 percent of a fund's average net assets per year. Titan charges fees that may not exceed 0.25 percent for marketing material or prospectuses sent to potential investors." After completing her evaluations, Bhatia works on her report suggesting recommendations before presenting them in the Mock Exam 2 upcoming board meeting. Mock Exam 2 Morning Exam 1 Item 1 2 3 4 Mock 2 Afternoon Exam Answered Review 9 Quizzes **Review question** Mock Exam 3 Mock Exam 3 Morning Exam

0% COMPLETE 0/4 Steps

Question 2

Q-Code: 21-L3-02-AMCC-107768 (?)

Hello, Id:

Which of the three compliance procedures reviewed by Bhatia is consistent with the required and recommended standards of the Asset Manager Code of Professional Conduct?

c	O	Business-continuity plan.
в	0	Portfolio information.
A	0	The risk management process.

SAMPLE

4. Course Dashboard

Mock Exam 1 Morning Exam

O Mock Exam 1 Afternoon Exam 9 Quizzes

Level III Mock1(PM) Titan Case
 Level III Mock1(PM) Alpine Investments Case
 Level III Mock1(PM) Payton Brix Case

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Mock Exam 2

1 Item
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 9 Quizzes
Mock Exam 3

Mock Exam 2 Morning Exam

Mock Exam 3 Morning Exam

Mock Exam 3 Afternoon Exam

9 Quizzes

💷 Level III Mock1(PM) Anderson & Roberts Investment

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Level III Mock1(PM) Pioneer Asset Management Case

E Level III Mock Exams

Mock Exam 1

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	consistent with the investment style and philosophy of our portfolio managers.
Portfolio information review	Accurate and complete portfolio information is provided to clients. The investment committee regularly does a review to confirm the accuracy of such information.
Business-continuity plan review	Procedures for safeguarding client accounts and handling inquiries in case of emergencies or market disruptions. The current plan requires to back up all of the firm's computer systems and client records daily. The back-ups are stored in an offsite storage facility. Titan employs the services of an external recovery firm to carry out specific emergency plans. The recovery firm is responsible for the coverage of critical business functions. It implements plans to communicate with employees, critical vendors, and suppliers in the event of a facility or communication disruption. The same firm also provides plans for contacting and communicating with clients in an extended disruption.

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Hello, Id.

Finally, Bhatia asks about disclosures regarding management fees. Nathan responds that the disclosures contain the following information:

"Titan charges a 2% asset-based management fee. In addition to the management fee, clients pay distribution and service fees to buy and sell shares in a fund that cannot exceed 0.75 percent of a fund's average net assets per year. Titan charges fees that may not exceed 0.25 percent for marketing material or prospectuses sent to potential investors." After completing her evaluations, Bhatia works on her report suggesting recommendations before presenting them in the upcoming board meeting.

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Review question	
Question 3 Q-Code: 2	1-L3-02-AMCC-107769 🕐
Which of Nathan's client service policies is consistent with the Asset Manager Code of Profession	al Conduct?
A O Performance reports frequency.	
B O Complete, accurate disclosures, including complex calculations.	
C O Conflicts of interests' disclosures.	
Back	Next

Course Dashboard

5.



0% CO	MPLETE 0/4 Steps
	consistent with the investment style and philosophy of our portfolio managers.
Portfolio information review	Accurate and complete portfolio information is provided to clients. The investment committee regularly does a review to confirm the accuracy of such information.
Business-continuity plan review	Procedures for safeguarding client accounts and handling inquiries in case of emergencies or market disruptions. The current plan requires to back up all of the firm's computer systems and client records daily. The back-ups are stored in an offsite storage facility. Titan employs the services of an external recovery firm to carry out specific emergency plans. The recovery firm is responsible for the coverage of critical business functions. It implements plans to communicate with employees, critical vendors, and suppliers in the event of a facility or communication disruption. The same firm also provides plans for contacting and communicating with clients in an extended disruption.

Bhatia next discusses the client disclosure policies with Shiras Nathan, head of customer relations. Nathan states, "Regarding the Asset Manager Code relating to client services, we ensure the following policies: All disclosures are accurate and complete, and we show all our calculations, including the complicated ones. We communicate with clients regularly and provide performance reports whenever they request them. All conflicts of interests arising due to the firm or employee holdings in the same securities as clients, allocation of investments among similar portfolios, use of soft dollars, and directed brokerage arrangements are disclosed."

Finally, Bhatia asks about disclosures regarding management fees. Nathan responds that the disclosures contain the following information:

"Titan charges a 2% asset-based management fee. In addition to the management fee, clients pay distribution and service fees to buy and sell shares in a fund that cannot exceed 0.75 percent of a fund's average net assets per year. Titan charges fees that may not exceed 0.25 percent for marketing material or prospectuses sent to potential investors." After completing her evaluations, Bhatia works on her report suggesting recommendations before presenting them in the upcoming board meeting.

Que	restion 4 Q-Code: 21-L3-02-AMCC-1	107770
	e the firm's disclosures regarding management fees consistent with the required and recommended standard set Manager Code?	ds of th
ASSC		
A	O Yes.	
	-	



Hello, Id3

Solutions

Exam 1 Morning Session Solutions

Question: 1. Topic: Portfolio Management - Behavioral Finance. Minutes: 10

1-A. Identify the behavioral bias that each diagnostic question in Exhibit 1 is *most likely* to reveal. Note: Each diagnostic question is designed to reveal a different bias.

Reference: The Behavioral Biases of Individuals, Section 3, 4 & 5.2. LOS. c.

Grading scheme: 1 mark each for correctly identifying behavioral bias for each diagnostic question.

Diagnostic Question	Identify the behavioral bias that <i>each</i> diagnostic question in Exhibit 1 is <i>most</i> <i>likely</i> to reveal. (Circle one)	
 If offered two free lottery tickets, would you select your own numbers or have a machine do it? 	 Loss aversion Endowment Regret aversion Illusion of control Overconfidence Framing 	
2. At what price are you willing to sell off the investment holdings received as an inheritance?	 Loss aversion Endowment Regret aversion Illusion of control Overconfidence Framing 	
3. How do you generally attribute the success of your decisions?	 Loss aversion Endowment Regret aversion Illusion of control Overconfidence Framing 	

1-B. Evaluate the decision made by the advisor regarding Braidwood's portfolio preference. *Reference: The Behavioral Finance Perspective, Section 4.3. LOS. d.* **Grading scheme:** 2 marks for correct evaluation.

Response:

The advisor's decision is accurate for Tom Braidwood. Braidwood is expressing a portfolio goal that considers expected return and standard deviation. This is consistent with traditional finance, and he is likely to prefer a mean-variance efficient portfolio.

1-C. Select the behavioral finance concept (availability, confirmation, framing, gambler's fallacy, representativeness, overconfidence, hot hand fallacy) *best* exhibited in *each* of Andy's two statements. **Justify** your response with one reason.

Reference: The Behavioral Biases of Individuals (Section 3, 4 & 5.2. LOS. c.), Behavioral Finance and Investment Processes, (Sec 5.3, LO. e)

Grading scheme: 1 mark each for correctly selecting behavioral bias. 1.5 marks for each justification.

Response: Andy's statement	Select the behavioral finance concept <i>best</i> exhibited in <i>each</i> of advisor's two statements. (Circle one)	Justification
1. It is always recommended to know the historical performance of the CEO of the company before investing in it. Though Frio Industries has not shown any significant stock price appreciation over many years compared to its peers, recent newspaper headlines have been published about its new CEO. The CEO joined Frio after successfully managing APCO's operations for over a decade. Given his previous track record, investing in Frio shares will lead up to a good investment.	 Availability Confirmation Framing Gambler's fallacy Representativeness Overconfidence Hot hand fallacy 	Representativeness refers to judgments based on stereotypes. It classifies new information based on past experiences and classifications. Andy may be overly optimistic that Frio Industries shares will perform well because Frio Industries' CEO did well at APCO.
2. Global Equity Funds have increased by 1.5 – 2.0 times the historical average over the past two years. Based on this information, I expect global equity funds to face a reversal in the near future. As a result, it is preferred to reallocate funds from equities to fixed-rate portfolio assets.	 Availability Confirmation Framing Gambler's fallacy Representativeness Overconfidence Hot hand fallacy 	The gambler's fallacy is a cognitive behavioral bias in which an analyst wrongly projects a reversal to a long- term trend. This reflects a faulty understanding of the behavior of random events. The analyst expects a pattern that has diverged from the long term average to reverse within a specific time.

Response:

- **1.** C is correct. According to the general principles of conduct of the Asset Manager Code, Managers must "uphold the applicable rules governing capital markets," not just stay informed about them. *Asset Manager Code of Professional Conduct.*
- **2.** A is correct. According to the recommendations of Section D(7) of the Asset Manager Code, The risk management process should identify, measure, and manage the risk position of the Manager and its investments, including the sources, nature, and degree of risk exposure. Titan's risk management process seeks to match the risk profile desired by clients with the risk profile of their investments. It is consistent with the risk management process recommended by the Asset Manager Code of Professional Conduct. B is inconsistent because portfolio information, according to D(3), needs a review by an independent third-party. C is inconsistent because the business-continuity plan D(6) lacks plans for monitoring, analyzing, and trading investments if primary systems are unavailable. *Asset Manager Code of Professional Conduct*.
- **3.** C is correct. According to the recommendations of Section F(4), Disclosures, conflicts of interests generated from a brokerage or other entities' relationships, other client accounts and fee structures, etc. should be disclosed to all clients. According to Section F, disclosures should be truthful, accurate, complete, and understandable. It is unlikely that clients would easily understand complicated calculations. Further, communications with clients should be on an ongoing and timely basis. Performance reports should be communicated at least quarterly, not only when clients ask for them. *Asset Manager Code of Professional Conduct.*
- **4.** B is correct. According to the recommendations and guidance of Section F(4d) of the Asset Manager Code, managers must disclose to prospective clients the average or expected expenses or fees clients are likely to incur, and to existing clients, the actual fees and other costs charged to them. *Asset Manager Code of Professional Conduct.*