The following questions refer to the Pfizer-BioNTech COVID-19 vaccine vials with the ORANGE cap. Refer to the EUA Fact Sheet for Healthcare Providers (updated 10/29/2021) for questions 1-12:

1. This vaccine is authorized for use in the following individuals:
   a. Ages 5-11 years  
   b. Ages ≥ 12 years  
   c. Ages ≥ 16 years  
   d. Both (a) & (b) are correct

2. When vials arrive frozen in thermal containers, IMMEDIATELY store vaccines under the following conditions:
   a. Ultra-cold (-90°C to -60°C) storage unit for up to 6 months from date of manufacture or per EUA
   b. Freezer (-25°C to -15°C) for up to 2 weeks
   c. Refrigerator (2°C to 8°C) for up to 1 month
   d. Refrigerator (2°C to 8°C) for up to 10 weeks
   e. Both (a) & (d) are correct
   f. All EXCEPT (d) are correct

3. Alternatively, these vials can be stored in the thermal shipping container the vaccine arrived in temporarily for up to 30 days from delivery as long as dry ice is consistently re-filled as recommended.
   a. True  
   b. False

4. Frozen vials can take up to _______ to thaw in the refrigerator (2°C to 8°C), or vials can thaw for _______ at room temperature (up to 25°C).
   a. 3 hours; 30 minutes  
   b. 4 hours; 30 minutes  
   c. 6 hours; 30 minutes

5. Thawed vials MUST be diluted prior to drawing up vaccine.
   a. True (continue to question #6)  
   b. False (skip to question #10)

6. Thawing UNDILUTED vials in the REFRIGERATOR (2°C to 8°C) can be stored for up to ______
   a. 4 days  
   b. 31 days (1 month)  
   c. 2 months  
   d. 10 weeks

7. For immediate use, thawing undiluted vials for 30 minutes at ROOM TEMPERATURE (up to 25°C) must then be diluted within ______.
   a. 2 hours  
   b. 6 hours  
   c. 12 hours  
   d. 24 hours

8. Before AND after diluting the vial, you should:
   a. GENTLY invert vaccine vial 10 times  
   b. Shake the vial vigorously  
   c. Swirl the vial

9. The appropriate diluent to use is:
   a. 1.8mL of 0.9% Sodium Chloride Injection  
   b. 1.3mL of 0.9% Sodium Chloride Injection  
   c. 1.8mL of Bacteriostatic Sodium Chloride Injection  
   d. 1.3mL of Sterile Water

10. After first puncture, store the vial of vaccine between_______ and discard after ______. Information in the EUA supersedes what's printed on vials/cartons.
   a. -90°C to -60°C; 6 hours  
   b. -90°C to -60°C; 12 hours  
   c. 2°C to 25°C; 6 hours  
   d. 2°C to 25°C; 12 hours

11. Each vial contains ______ doses.
   a. 5  
   b. 6  
   c. 10  
   d. 15

12. How should the vaccine be administered?
   a. Intramuscularly; 0.1mL per dose  
   b. Intramuscularly; 0.2mL per dose  
   c. Intramuscularly; 0.3mL per dose  
   d. Intramuscularly; 0.5mL per dose
Vaccine Provider’s Name: ____________________________

The following questions refer to the Pfizer-BioNTech COVID-19 vaccine vials with the PURPLE cap. Refer to the EUA Fact Sheet for Healthcare Providers (updated 10/29/2021) for questions 13-24:

13. This vaccine can be used in the following individuals:
   a. Ages 5-11 years   b. Ages ≥ 12 years   c. Ages ≥ 16 years   d. Both (a) & (b) are correct

14. When vials arrive frozen in thermal containers, IMMEDIATELY store vaccines under the following conditions:
   a. Ultra-cold (-90°C to -60°C) storage unit for up to 6 months from date of manufacture or per EUA
   b. Freezer (-25°C to -15°C) for up to 2 weeks
   c. Refrigerator (2°C to 8°C) for up to 1 month
   d. Refrigerator (2°C to 8°C) for up to 10 weeks
   e. Both (a) & (d) are correct
   f. All EXCEPT (d) are correct

15. Alternatively, these vials can be stored in the thermal shipping container the vaccine arrived in temporarily for up to 30 days from delivery as long as dry ice is consistently re-filled as recommended.
   a. True   b. False

16. Frozen vials can take up to _______ to thaw in the refrigerator (2°C to 8°C), or vials can thaw for _______ at room temperature (up to 25°C).
   a. 3 hours; 30 minutes   b. 4 hours; 30 minutes   c. 6 hour; 30 minutes

17. Thawed vials MUST be diluted prior to drawing up vaccine.
   a. True (continue to question #18)   b. False (skip to question #22)

18. Thawing UNDILUTED vials in the REFRIGERATOR (2°C to 8°C) can be stored for up to ______.
   a. 4 days   b. 31 days (1 month)   c. 2 months   d. 10 weeks

19. For immediate use, thawing undiluted vials for 30 minutes at ROOM TEMPERATURE (up to 25°C) must then be diluted within______.
   a. 2 hours   b. 6 hours   c. 12 hours   d. 24 hours

20. Before AND after diluting the vial, you should:
   a. GENTLY invert vaccine vial 10 times   b. Shake the vial vigorously   c. Swirl the vial

21. The appropriate diluent to use is:
   a. 1.8mL of 0.9% Sodium Chloride Injection   b. 1.3mL of 0.9% Sodium Chloride Injection
   c. 1.8mL of Bacteriostatic Sodium Chloride Injection   d. 1.3mL of Sterile Water

22. After first puncture, store the vial of vaccine between_______ and discard after ______. Information in the EUA supersedes what’s printed on vials/cartons.
   a. -90°C to -60°C; 6 hours   b. -90°C to -60°C; 12 hours   c. 2°C to 25°C; 6 hours   d. 2°C to 25°C; 12 hours

23. Each vial contains _______ doses.
   a. 5   b. 6   c. 10   d. 15

24. How should the vaccine be administered?
   a. Intramuscularly; 0.1mL per dose   b. Intramuscularly; 0.2mL per dose
   c. Intramuscularly; 0.3mL per dose   d. Intramuscularly; 0.5mL per dose

Revised: 11.4.2021
Vaccine Provider’s Name: ____________________________

The following questions refer to the Pfizer-BioNTech COVID-19 vaccine vials with the GRAY cap. Refer to the EUA Fact Sheet for Healthcare Providers (updated 10/29/2021) for questions 25-36:

25. This vaccine can be used in the following individuals:
   a. Ages 5-11 years    b. Ages ≥ 12 years    c. Ages ≥ 16 years    d. Both (a) & (b) are correct

26. When vials arrive frozen in thermal containers, IMMEDIATELY store vaccines under the following conditions:
   a. Ultra-cold (-90°C to -60°C) storage unit for up to 6 months from date of manufacture or per EUA
   b. Freezer (-25°C to -15°C) for up to 2 weeks
   c. Refrigerator (2°C to 8°C) for up to 1 month
   d. Refrigerator (2°C to 8°C) for up to 10 weeks
   e. Both (a) & (d) are correct
   f. All EXCEPT (d) are correct

27. Alternatively, these vials can be stored in the thermal shipping container the vaccine arrived in temporarily for up to 30 days from delivery as long as dry ice is consistently re-filled as recommended.
   a. True    b. False

28. Frozen vials can take up to _______ to thaw in the refrigerator (2°C to 8°C), or vials can thaw for _______ at room temperature (up to 25°C).
   a. 3 hours; 30 minutes    b. 4 hours; 30 minutes    c. 6 hours; 30 minutes

29. Thawed vials MUST be diluted prior to drawing up vaccine.
   a. True (continue to question #30)    b. False (skip to question #34)

30. Thawing UNDILUTED vials in the REFRIGERATOR (2°C to 8°C) can be stored for up to _______
   a. 4 days    b. 31 days (1 month)    c. 2 months    d. 10 weeks

31. For immediate use, thawing undiluted vials for 30 minutes at ROOM TEMPERATURE (up to 25°C) must then be diluted within _____.
   a. 2 hours    b. 6 hours    c. 12 hours    d. 24 hours

32. Before AND after diluting the vial, you should:
   a. GENTLY invert vaccine vial 10 times    b. Shake the vial vigorously    c. Swirl the vial

33. The appropriate diluent to use is:
   a. 1.8mL of 0.9% Sodium Chloride Injection    b. 1.3mL of 0.9% Sodium Chloride Injection
   c. 1.8mL of Bacteriostatic Sodium Chloride Injection    d. 1.3mL of Sterile Water

34. After first puncture, store the vial of vaccine between_______ and discard after _______. Information in the EUA supersedes what’s printed on vials/cartons.
   a. -90°C to -60°C; 6 hours    b. -90°C to -60°C; 12 hours    c. 2°C to 25°C; 6 hours    d. 2°C to 25°C; 12 hours

35. Each vial contains _______ doses.
   a. 5    b. 6    c. 10    d. 15

36. How should the vaccine be administered?
   a. Intramuscularly; 0.1mL per dose    b. Intramuscularly; 0.2mL per dose
   c. Intramuscularly; 0.3mL per dose    d. Intramuscularly; 0.5mL per dose
The following questions refer to ALL Pfizer-BioNTech COVID-19 vaccine products:

37. The vaccine is a _______ primary series with the 2nd dose ideally given on day _____.
   a. 2-dose; 21  b. 2-dose; 28  c. 3-dose; 14  d. 1-dose; 21

38. True/False  It is recommended to pool excess vaccine from multiple vials to make a full dose.

39. True/False  Once vials have been thawed, they can be refrozen if needed.

40. True/False  Before drawing up a dose of the vaccine, vigorously shake the vial to properly mix the product.

41. True/False  Dry ice, when stored in a tightly closed container, can build pressure and potentially explode.

42. True/False  Ultracold shippers containing dry ice should be opened in a small, enclosed space

43. True/False  Transporting thawed vials at 2°C to 8°C is not supported under the EUA.

44. True/False  Booster doses of Pfizer vaccine should be given as HALF doses.

45. True/False  Regarding the “Fact Sheet for Recipients and Caregivers”, the vaccination provider MUST:
   a. Provide a copy of the Fact Sheet
   b. Direct the recipient/caregiver to the website www.cvdvaccine.com to obtain the Fact Sheet
   c. Any of the above are correct
   d. None of the above are correct; providing the Fact Sheet is NOT Required

46. The vaccination provider is responsible for mandatory reporting of the following that occur post-administration of this vaccine to the Vaccine Adverse Event Reporting System (VAERS):
   a. Vaccine administration errors, even if no adverse event occurred
   b. Serious adverse events (life-threatening, death, hospitalization, etc.)
   c. Cases of Multisystem Inflammatory Syndrome (MIS) in adults and children
   d. Cases of COVID-19 that result in hospitalization or death
   e. All of the above are correct

47. The vaccination provider must communicate to the recipient/caregiver information consistent with the “Fact Sheet for Recipients and Caregivers” prior to vaccine administration, including:
   a. FDA has authorized the emergency use of the vaccine (Comirnaty is FDA approved for >16 years)
   b. The recipient or caregiver has the option to accept or refuse the vaccine
   c. Significant known/potential risks & benefits of the vaccine, and the extent to which risks & benefits are unknown
   d. Information about the available alternative vaccines and the risk and benefits of those alternatives
   e. All of the above are correct

The following information can be found on the CDC website for Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Authorized in the U.S. by clicking here (updated 11/03/2021):

49. True/False  Patients >12 years considered moderately to severely immunocompromised per CDC should be offered an additional dose (i.e., 3rd dose) of mRNA vaccine at least 28 days after completing the series.

50. True/False  Patients who are immunocompromised, pregnant, breast-feeding, or have history of a resolved COVID-19 infection can generally be offered this COVID vaccine.

51. True/False  Patients who are currently on home isolation with suspected or confirmed COVID should come to the clinic to get vaccinated during their quarantine period.

52. True/False  An unvaccinated patient just completed home isolation protocol due to resolved COVID-19 infection. However, the patient must wait at least 90 days before receiving the vaccine.

53. True/False  Certain high-risk individuals fully immunized with Pfizer-BioNTech COVID-19 vaccine may receive a heterologous booster dose at least 6 months after the 2nd dose of their primary series.

54. What is the minimum interval for the second dose of the vaccine to be considered as “valid”?
   a. 14 days  b. 17 days  c. 21 days  d. 28 days

55. It is recommended to space the COVID vaccine from any other vaccine by at least:
   a. 7 days  b. 14 days  c. 21 days  d. Minimum spacing is no longer recommended

56. Which of the following patients need to be observed for at least 30 minutes post-vaccination (versus the standard 15 minutes) to monitor for the occurrence of immediate adverse reactions?
   a. History of immediate allergic reaction to other vaccines unrelated to COVID vaccine components
   b. History of anaphylaxis due to any cause unrelated to COVID vaccine components
   c. History of immediate/severe allergic reaction to polyethylene glycol (PEG)
   d. Both (a) and (b) are correct
   e. All of the above are correct

Vaccine Provider’s Printed Name  Signature  Date
Revised: 11.4.2021