

6. Describe the purpose of the Agency Administrator Ignition Authorization and the Prescribed Fire Go/No-Go Checklist. (4 pts.)

Agency Administrator Ignition Authorization:

Prescribed Fire Go/No-Go Checklist:

7. What is the purpose of the technical review? (2 pts.)

8. Who is responsible for authorizing the prescribed fire plan? (2 pts.)

9. Can any elements of the burn plan be changed before ignition without Agency Administrator approval? What must these amendments include? (2 pts.)

10. List three responsibilities of a Fire Effects Monitor (FEMO). (3 pts.)

11. Besides the qualification(s) to be a Technical Reviewer, what else should they have? (2 pts.)

12. Can a Type 3 burn boss (RXB3) implement a moderate complexity burn? (2 pts.)

13. Can a person who prepares a prescribed fire burn plan also serve as the technical reviewer for that plan? (2 pts.)

14. What information should be covered under the funding element of a prescribed fire plan? (2 pts.)

15. List at least three items that should be identified in the smoke management section of the prescribed burn plan. (3 pts.)

16. What should you monitor on the day of the burn? (2 pts.)

Use the Prescribed Fire Complexity Rating Systems Guide (PMS 424, Jan. 2004) to answer questions 17-20.

17. What is the purpose of the complexity rating process and what does it serve as an aid for? (4 pts)

18. What are the three factors of the complexity rating system? (3 pts.)

19. When do you complete the preliminary rating for complexity analysis in prescribed fire plan preparation? (2 pts.)

20. What signatures are required to finalize the complexity analysis? (2 pts.)

Consult local resources to answer questions 21-24.

21. In your area, who is responsible for enforcing air quality regulations? (2 pts.)

22. In your area, are you required to obtain an air quality permit prior to implementing a prescribed burn? Briefly describe the process for obtaining a permit.

23. What are the work/rest guidelines for prescribed fire? (2 pts.)

24. For your agency, what is/are the policies that provide direction for prescribed fire? (4 pts.)

Use the Fireline Handbook to answer question 25.

25. What are the production rates for a Type 3 dozer in Fuel Model 9 on a 40% slope? (2 pts.)

Use the following conditions and BehavePlus to answer questions 26-28.

Fuel Model: 2
1-hour fuel moisture: 4-16, steps of 2
10-hour fuel moisture: 7
100-hour fuel moisture: 8
Live fuel moisture: 150
Mid-flame windspeed: 0-20, steps of 4
Wind vector: Upslope (0)
Slope: 15%
Tree height: 60 feet
Tree species: Ponderosa Pine (*Pinus ponderosa*)
Crown ratio: 60%
DBH: 24"
Air Temperature: 75⁰ F

26. What are the predicted limits for windspeed if you want to limit flame lengths between 2 and 8 feet? (5 pts.)

Complete the table below and **highlight all appropriate answers** for question 26.

Flame Length (ft.)

1-h Moisture (%)	Midflame Windspeed (mi/h)					
	0.0	4.0	8.0	12.0	16.0	20.0
4						
6						
8						
10						
12						
14						
16						

27. What are the predicted limits for windspeeds and fuel moistures if you want to limit scorch height to 40 feet or less? (5 pts.)

Complete the table below and highlight all appropriate answers for question 27.

Scorch Height (ft.)

1-h Moisture (%)	Midflame Windspeed (mi/h)					
	0.0	4.0	8.0	12.0	16.0	20.0
4						
6						
8						
10						
12						
14						
16						

28. Which is more limiting to your burn window, scorch height or flame length? (3 pts.)