

EXAMINATION

Name: _____

Marks

- (3) **1.** What should be the deciding factor in hiring a tractor?
- (3) **2.** List three methods of evaluating tractors for fire fighting operations.
 (i)
 (ii)
 (iii)
- (5) **3.** List the main components of a tractor, which should be checked for suitability before hiring.
 (i)
 (ii)
 (iii)
 (iv)
 (v)
- (6) **4.** Where are the following parts located on a tractor?
 (i) Grouser:
 (ii) Sprocket:
 (iii) Corner Bits:
 (iv) Top Roller:
 (v) R.O.P.S.:
 (vi) Links:
- (3) **5.** What may result from improper track tension?
- (3) **6.** Describe briefly a simple check of the hydraulic system to determine if there is any "drift".
- (3) **7.** What is the minimum size bulldozer that should be dispatched for Initial Attack on fires?

Marks

- (3) 8.
 - (i) How are tractor rental rates established?
 - (ii) Who issues the rental rate schedule for fires?
 - (iii) Under what authority?
- (3) 9. Which Ministry of the Provincial Government regulates transportation of overweight/overwidth equipment?
- (5) 10. List the five positions that would be required for a two-bulldozer unit.
 - (i)
 - (ii)
 - (iii)
 - (iv)
 - (v)
- (3) 11. Name the key position to be filled at the start of fireline construction with tractors.
- (3) 12. What is the primary responsibility of the Tractor Boss?
- (3) 13. What is the purpose of the clean-up crew persons?
- (3) 14. List the three basic methods of attacking fires with tractors.
 - (i)
 - (ii)
 - (iii)
- (3) 15. In Direct Attack, what maximum width of tractor line is the general rule?

Marks

- (5) **16.** List the factors the Line Locator must consider in locating line for Parallel Attack.
- (i)
 - (ii)
 - (iii)
 - (iv)
 - (v)
- (5) **17.** When building a parallel fireline with tractors, should the trees and debris be pushed inside or outside the line? Why?
- (3) **18.** Under what circumstances would you consider using Indirect Attack?
- (i)
 - (ii)
 - (iii)
- (3) **19.** What is the main purpose of putting a chain saw operator ahead of a lead tractor in fireline construction?
- (3) **20.** What function does the skidder perform most effectively on a fire?
- (4) **21.** List two mop-up jobs that can be done effectively by a smaller tractor.
- (i)
 - (ii)
- (3) **22.** Who is responsible for safety on the fireline?
- (i)
 - (ii)
 - (iii)
 - (iv)
- (3) **23.** What safety feature must be on every tractor used in the woods under the W.C.B. Regulations?

Marks

- (4) **24.** List two safety requirements an operator must follow when he gets off his tractor with the engine still running.
 (i)
 (ii)
- (3) **25.** What safety precaution should the operator take when parking his tractor overnight?
- (3) **26.** What are some of the disadvantages of larger tractors (D9 and equivalent) in fire fighting?
 (i)
 (ii)
 (iii)
 (iv)
 (v)
- (3) **27.** Why is burning-off along the fireline necessary?
- (3) **28.** What is the objective of Direct Attack with a bulldozer on a small, hot-burning fire?
- (3) **29.** List three factors that affect the width of fireline in Direct Attack.
 (i)
 (ii)
 (iii)

Total marks **100**