

P-18 TEST #1

1. HOW IS THE FIRE PUMP DRIVEN?
 - A. BY THE TRANSMISSION, FROM THE POWER DIVIDER
 - B. BY THE PTO
 - C. BY THE ENGINE, THROUGH THE TRANSFER CASE

2. WHAT IS THE MINIMUM ALLOWABLE INTAKE PRESSURE WHEN PUMPING?
 - A. 30 PSI
 - B. 20 PSI
 - C. 10 PSI

3. THE P-18 HAS A WATER PAYLOAD OF?
 - A. 2000
 - B. 1800
 - C. 2300

4. WHAT IS THE MAXIMUM PRESSURE ALLOWED WHEN RESUPPLYING A P-19?
 - A. 100 PSI
 - B. 150 PSI
 - C. 200 PSI

5. EXCESSIVE USE OF THE SERVICE BRAKES DURING A PUMP AND ROLL OPERATION WILL CAUSE:
 - A. THE OPERATORS FOOT TO BE TIRED
 - B. THE BRAKES TO FAIL
 - C. TRANSMISSION OVERHEAT

6. THE TRANSMISSION OIL SHOULD BE WHAT TEMPERATURE?
 - A. 150-210
 - B. 155-215
 - C. 160-220

7. THE P-18 HAS A GPM STAGE PUMP.
 - A. 750/SINGLE
 - B. 500/DUAL
 - C. 500/SINGLE

8. PRESSURE FILLING THE TANK THROUGH THE 4" DUMP VALVE WILL .
- A. CAUSE DAMAGE TO TANK
 - B. INCREASE FILL TIME
 - C. SLOW DOWN THE PROCESS
9. WHEN IN A RELAY OPERATION, WHAT IS THE MINIMUM ALLOWABLE INTAKE PRESSURE?
- A. 20 PSI
 - B. 10 PSI
 - C. PUMP AT THE RATED CAPACITY
10. WHAT DOES THE MASTER DRAIN VALVE DO?
- A. DRAINS THE ENTIRE PUMP SYSTEM TO INCLUDE THE WATER TANK
 - B. DRAINS THE ENTIRE PUMP SYSTEM TO INCLUDE PIPING, GAUGES AND VALVES
 - C. DRAINS THE WATER FROM ALL DISCHARGES ONLY
11. DO NOT OPERATE THE WATER PUMP DURING A FIREFIGHTING OPERATION WITHOUT THE IN THE ON POSITION.
- A. RELIEF VALVE
 - B. PILOT VALVE
 - C. TANK FILL
12. PRIOR TO OPERATING THE PRIMING PUMP, THE ENGINE RPM's MUST BE RAISED TO:
- A. 1000
 - B. 1300
 - C. NONE OF THE ABOVE
3. WHEN IN PUMP AND ROLL, USE THE TO ACCELERATE THE VEHICLE:
- A. ACCELERATOR PEDAL
 - B. TRANSFER CASE
 - C. THROTTLE CONTROL
14. AIR TANKS SHOULD BE DRAINED:
- A. DAILY
 - B. WEEKLY
 - C. AFTER EACH USE

15. WHAT TYPE OF AIR SYSTEM DOES THE P-18 INCORPORATE AND WHY?

- A. DUAL 2 AIR LINES 1 RUNS TO EACH BRAKE, ALLOWING PARTIAL BRAKING IF A LINE IS DAMAGED
- B. SINGLE TO ALLOW RAPID COMPRESSOR BUILD-UP
- C. DUAL 2 AIR LINES BOTH LINES FEED EACH BRAKE ALLOWING FOR MAX. STOPPING

16. THE GROSS WEIGHT OF THE VEHICLE IS?

- A. 28000 LBS
- B. 36000 LBS
- C. 38000 LBS

17. WHEN IS THE CIRCULATION VALVE USED?

- A. WHEN THE VEHICLE IS OVERHEATING
- B. WHEN NEEDED
- C. WHEN TEMPERATURE OUTSIDE IS BELOW 32 DEGREES

18. DO NOT DO THE FOLLOWING IF THE PUMP SIGNAL LIGHT IS NOT ON:

- A. THROTTLE UP THE VEHICLE
- B. OPERATE THE RELIEF VALVE
- C. OPERATE THE CIRCULATION PUMP

19. AIR PRESSURE MUST BE PSI PRIOR TO THE VEHICLE MOVING?

- A. 60
- B. 55
- C. 65

20. WHILE IN A STATIONARY PUMPING OPERATION, CAN THE PUMP BE ENGAGED IN THE D POSITION AND WHY?

- A. YES IT HAS A NEUTRAL SAFETY SWITCH
- B. NO THE VEHICLE WILL OVERRIDE THE BRAKE AND MOVE
- C. THE VEHICLE CAN PUMP IN EITHER DRIVE OR NEUTRAL

21. THE _____ SHOULD NOT BE OPERATED IF THE PUMP INDICATOR LIGHT IS NOT LIT

- A. THROTTLE
- B. RELIEF VALVE
- C. TRANSFER CASE

22. WHAT IS THE AIR PURGE USED FOR?

- A. TO DIVERT EXCESS AIR PRESSURE TO THE ENGINE
- B. TO REMOVE AIR FROM THE AIR TANKS
- C. TO REMOVE WATER FROM THE HOSE LINES

23. THE RELIEF VALVE SHOULD BE SET WHEN?

- A. PRIOR TO PUMPING OPERATIONS BEGINNING
- B. A PRESSURE OF MORE THAN 200 PSI IS ENCOUNTERED
- C. PRIOR TO FLOWING WATER IN EXCESS OF 250 GPM'S

24. IF THE VOLTMETER IS READING IN THE RED THIS WILL TELL YOU WHAT?

- A. THE BATTERY IS DISCHARGING
- B. THE BATTERY IS OVERCHARGED
- C. THE BATTERY IS NORMAL
- D. BOTH A AND B

25. USE OF THE _____ WILL RESULT IN OVERHEATING OF THE TRANSMISSION IN THE PUMP AND ROLL MODE

- A. THROTTLE
- B. FOOT BRAKE
- C. GEAR SHIFTER