## Driver's School Entrance Exam

The following is an 'exam' written by Dave Redzus, originally published in <u>Roundel</u>, the national publication of the BMW Car Club of America. I would like to thank Owen Farrior for submitting it to <u>Huila</u>. Owen claims that there is only one correct answer to each question. After taking the test myself, I feel while most questions are stright-forward, I think to answer several of the questions one needs more information on conditions, car type, objective, driver preferences, etc....Take the exam, see what you think. If nothing else, it provides a good starting point for discussions on the basics of performance driving. Owen tells me that he will provide us with *the* correct answers next month.

- 1. To a performance driver, quick reflexes are the most important attribute. TRUE/ FALSE important to remove your hands from the steering when
- 2. The ideal handling car is a car with 50-50 weight distribution. TRUE/FALSE
- 3. A good handling car should neither understeer nor oversteer, but be perfectly neutral. TRUE/ FALSE
- 4. Maximum braking is achieved by rapidly pumping the brake pedal. TRUE/ FALSE
- 5. The safest place to pass a car in a turn is around the outside. TRUE/ FALSE
- A waving yellow flag means a faster car is approaching you from behind, and you should be prepared to move over. TRUE/FALSE
- 7. Deep tire tread depth is necessary for maintaining traction. TRUE/ FALSE
- 8. On very wet surfaces, tire pressure should be reduced to increase tire footprint size. TRUE/FALSE
- To turn a fast lap time, it is most important to drive through each turn as quickly as possible.
   TRUE/FALSE
- For maximum acceleration, a car should be vigorously driven up to its red line in each gear. TRUE/FALSE
- 11. Broken engines caused by overreving most frequently occur during acceleration in low gears. TRUE/FALSE
- 12. A drift, slide and fishtail are all about the same thing, and all require practice. TRUE/FALSE

- 13. When a spinout during cornering is inevitable, it's important to remove your hands from the steering wheel to allow the car to regain equilibrium through its self-aligning torque. TRUE/ FALSE
- 14. It's much better to spin on the track than to drive off the road. TRUE/FALSE
- 15. To anticipate severe lateral cornering forces, it's best to lean your body into the turn. TRUE/FALSE
- 16. A mastery of speed shifting is important to good lap times. TRUE/FALSE
- 17. Hood should be secured, windows rolled up and doors locked while driving on the track.
  TRUE/FALSE
- 18. The best seating positioning is laid back with arms fully extended. TRUE/ FALSE
- 19. Large brake pads are useful to improve stopping power. TRUE/FALSE
- 20. The friction circle theory states that acceleration, cornering, and braking forces are always equal to each other, wet or dry. TRUE/FALSE
- 21. If in doubt, it's best to use an early apex line. TRUE/ FALSE
- 22. The tech inspector is responsible for vehicle safety. TRUE/FALSE
- 23. Weight is a necessary ingredient to help a car corner, therefore, a heavy car will corner better than a light car. TRUE/FALSE
- 24. A hand over hand turning technique is desireable to eliminate sawing the wheel through a corner. TRUE/ FALSE