



# RHA Driver 2006 Challenge

**Please read carefully before continuing**

**MAN ERF** is challenging RHA member companies to enter their best HGV Class 1 driver in the **RHA Driver 2006 Challenge**. The overall winner will receive a £750 cash prize, plus an all-expenses paid three-day trip to Malta in May for the RHA Conference as guests of MAN ERF. The winners will receive their prizes at the Commercial Vehicle Show to be held at the Birmingham NEC from 25-27 April 2006. The three winning employers will be hosted by MAN ERF at a unique day with the Williams F1 team.

As part of the entry criteria for the competition you are required to complete the following questionnaire comprising 30 questions with multiple-choice answers. To answer a question, simply put a ring around the answer that you think best answers the question. So, if you think answer (a) best answers question one, simply put a ring around the letter (a) next to the answer. If you wish to change your answer put a cross through your first ringed answer and ring another one. Only one answer will be accepted. Please ensure you enclose your completed questionnaire with your application form and employer's testimonial. Entries will not be accepted without all three elements.

**Before continuing please complete the following:**

**Entrants name:** .....

**Entrants employer:** .....

**Address of Employer** .....

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**Postcode** ..... **Employment commenced** .....

**Driving Licence No** ..... **Pass Date** .....

**Telephone number** ..... **Mobile** .....

**RHA Region** ..... **Employer's RHA membership no** .....

### Conditions of Entry

Entrants must hold a clean, Cat C+E driving licence and must have at least one year's Class 1 driving experience with their current employer. Entrants must hold a passport, valid until June 2006. Entries are restricted to two drivers per Member Company and each nomination must be supported by a testimonial from his or her employer. Entries close on 03.03.06. Entry forms, questionnaires and testimonials will be scrutinised by a panel of judges and 20 finalists will go forward to a practical driving day on 01.04.06 which will include tests on road safety, fuel-efficient driving, drivers' hours regulations, digital tachographs and associated Working Time legislation, customer care, manoeuvring, basic first aid and their ability to handle their vehicle in an emergency situation. Finalists in possession of a digital tachograph drivers' smart card on 01.04.06 will receive bonus points.

**Completed questionnaires should be returned to Kate Gibbs, Road Haulage Association, 35 Monument Hill, Weybridge, Surrey KT13 8RN by no later than 3<sup>rd</sup> March 2006. The Judges decision will be final.**

## Driving and Vehicles

- 1** When a vehicle is being left unattended for a short while, what should the driver do?

  - a. Leave the engine idling to keep it at normal operating temperature
  - b. Switch off the engine, take the ignition key out and lock the doors
  - c. Increase the engine idle speed to keep the cab warm
  - d. Switch off engine but leave the truck in gear
  
- 2** If your vehicle is showing a low oil pressure warning whilst travelling, should you

  - a. Stop immediately and switch off the engine
  - b. Stop safely and switch off the engine
  - c. Drive to your destination and phone for assistance
  - d. Rev the engine to extinguish the warning light
  
- 3** Approximately how many times will the wheels of your vehicle rotate for every mile travelled? (295/80R22.5 Tyres)

a. 1500 revs	c. 500 revs
b. 1000 revs	d. 200 revs
  
- 4** What does the term ABS stand for?

a. Advanced Brake System	b. Anti-Lock Braking System
c. American Build Standard	d. Automatic Brake System
  
- 5** With your truck engine running at 1200 rpm how many times is each engine cylinder firing per second?

a. 2400	b. 1200
c. 10	d. 600
  
- 6** What colour is the Emergency trailer Suzie on a Tractor Unit?

a. Black	b. Red
b. Yellow	d. Blue
  
- 7** On a vehicle averaging 8mpg covering 100,000 miles per annum, how many litres of fuel will it consume in this period?

a. 12,500	b. 64,175
c. 56,826	d. 79,567
  
- 8** Why are modern heavy vehicles fitted with air suspension?

  - a. The vehicles height can be lowered for low bridges
  - b. To match the height of the cabs air deflector with the trailer headboard
  - c. They cause less damage to the road surface
  - d. To make the ride better for the driver and fragile loads

Entrant's name: .....

- 9** During an emergency stop (If A.B.S is fitted.) what should you do?
- a. Press the brake pedal half way down.
  - b. Press the brake pedal fully down.
  - c. Press the brake and clutch pedal fully down.
  - d. Press the brake pedal fully down and put the handbrake on.
- 10** On a 6x2 Tractor, if a sliding fifth wheel is fitted, where is the optimum position to achieve best fuel economy?
- a. As far back as possible.
  - b. As far forward as possible without causing damage to vehicle or trailer or overloading any axles.
  - c. Just so the driver can connect the Suzie's easily
  - d. So the trailer kingpin is equal distance between the rear two axles of the tractor.
- 11** If a loaded 44 tonne truck is rolling down a hill at 40 mph in the appropriate gear, not in cruise control and no accelerator pedal used, how much fuel is being consumed?
- a. 1 litre per hour.
  - b. 2 litres per hour.
  - b. None.
  - c. 3 litres per hour.
- 12** If seat belts are fitted to any L.G.V., when should they generally be worn?
- a. Only on short journeys.
  - b. Only on motorways.
  - c. If the vehicle is loaded.
  - d. All the time.
- 13** If both front tyres are worn badly on the outer edges, what could be the main cause?
- a. Inflation pressure too high.
  - b. Inflation pressure too low.
  - c. Tracking of steering has too much toe-in.
  - d. Tracking of steering has too much toe- out.
- 14** Which type of LGV brake would be more prone to fading if used heavily for long periods?
- a. Drum brake.
  - b. Disc brake
  - c. Engine brake
  - d. Exhaust brake
- 15** Generally, on the drive axle of a 40 tonne 4 x 2 tractor unit, how many wheel nuts are fitted?
- a. 9
  - b. 10
  - c. 11
  - d. 12

### Drivers' hours rules

- 16** Analogue tachograph equipment starts recording when
- a. The ignition is switched on.
  - b. The vehicle starts to move.
  - c. The chart is inserted.

- 17** The digital tachograph has storage capacity for approximately
- a. 28 days
  - b. 180 days
  - c. 365 days
  - d. Over two years
- 18** A driver who has lost their driver smart card is still permitted to drive a vehicle fitted with a digital tachograph
- a. Until they are issued with a replacement driver smart card
  - b. For 10 days
  - c. For 15 days
  - d. For 21 days

### Road Transport (WTD) Regulations

- 19** Since 04.04.05, all drivers' who operate under the European Union (EU) drivers' hours and tachograph rules have been subject to working time provisions within the Road Transport (Working Time) Regulations.
- a. Correct
  - b. Incorrect
- 20** With regard to the RTR, "night time" means, in respect of goods vehicles the period between
- a. Midnight and 3.00am
  - b. Midnight and 4.00 a.m.
  - c. Midnight and 5.00am
  - d. The period from dusk until dawn and is seasonally dependant
- 21** An employer of a mobile worker, as specified in the RTR, must keep records for
- a. 6 months
  - b. 12 months
  - c. 18 months
  - d. 24 months

### Construction & Use Regulations

- 22** If you are regularly transporting waste products – using an articulated vehicle - to and from registered waste stations are you are exempt from the necessity to have spray suppression equipment fitted to your vehicle?
- a. Yes
  - b. No
- 23** Construction & Use Regulations now include a statute requiring all commercials vehicles over 3.5 tonnes GVW to be fitted with audible reversing alerts.
- a. Correct
  - b. Incorrect
- 24** PR is shown on truck tyres, it stands for?
- a. Permitted Rate = maximum amount of brake tolerance on tyre sidewall
  - b. Ply Rating = load carrying capacity based on the number of plies
  - c. Physical Roadspeed = EU tyre regulatory standard

### Highway Code

- 25 For which of these may you use hazard warning lights?
  - a. When driving on a motorway to warn traffic behind of a hazard ahead
  - b. When you are double-parked so that you can safely make a delivery
  - c. When you intend to stop and you want to warn oncoming traffic
- 26 You must not sound your horn in a built up area between
  - a. 10.00pm and 6.00am
  - b. 11.30pm and 6.00am
  - c. 11.30pm and 7.00am
- 27 At a puffin crossing, which colour follows the green signal?
  - a. Steady red
  - b. Steady amber
  - c. Flashing amber

### Safe loading (articulated vehicle)

- 28 Generally, if you are check weighed at the roadside and found to be overloaded, but your loading tickets state you are within the limits
  - a. The customer that loaded you is liable to prosecution
  - b. You, as the driver, are solely liable to be prosecuted
  - c. You, as the driver, and also the operator of the vehicle are liable to be prosecuted

### VOSA powers

- 29 Who legally has the "power to stop" and check a vehicle on the highway?
  - a. A police officer, in uniform
  - b. A police officer and an accredited VOSA employee, in uniform
  - c. A police officer and an accredited VOSA/Highways Agency employee, in uniform
- 30 If you are transporting a high value load you don't need to stop for anyone, other than a police officer in uniform?
  - a. Correct.
  - b. Incorrect, you must stop for a police officer and/or an accredited VOSA employee in uniform
  - c. Incorrect, you must stop for a police officer and an accredited VOSA/Highways Agency employee in uniform

### Testimonial (to be completed by the Entrant's Employer)

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