



RACE

TEAM MANAGER



RACE TEAM MANAGER GRAND FINAL QUIZ

ANSWERS TO QUIZ





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F1 2017 QUESTIONS:

1. Round 2 China - Max Verstappen's third place for Red Bull ensured that three teams shared the Shanghai podium, but where did the Dutchman start?

Was it (a) 6th, (b) 12th or (c) 16th?

ANSWER: 16th

2. Round 6: Monaco - Ferrari's one-two in Monte Carlo was the Scuderia's first win in the Principality in how many years?

(a) 5 years, (b) 14 years or (c) 16 years

ANSWER: 16 years - Michael Schumacher in 2001

3. Round 8: Azerbaijan - The Baku race saw Williams' Lance Stroll become the youngest rookie to do what?

ANSWER: Finish on the Podium - finishing third, aged just 18 years and 239 days.

4. Round 10: Great Britain - Lewis Hamilton took his fifth British Grand Prix win in 2017, matching the all-time record for the race set by

(a) Graham Hill, (b) Jim Clark or (c) Nigel Mansell

ANSWER: Jim Clark - Hamilton also equalled compatriot Clark's feat of winning his home race four times in a row.

5. Round 18: Mexico - Lewis Hamilton wrapped up his fourth world title in Mexico City, but did not feature on the podium. Where did he finish the race?

ANSWER: 9th - Despite clashing with title rival Sebastian Vettel at the start, Hamilton's eventual ninth place - to Vettel's fourth - was enough to seal the drivers' crown.



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SILVERSTONE QUESTIONS:

1. Built in 1948, the race track was the first post war track in the UK, but what was here before the race track?

ANSWER: An Airfield (built during WW2 for the Vickers Wellington Bomber)

2. Only 1 reigning monarch has ever attended a formula one event, but was it King George VI or Queen Elizabeth II?

ANSWER: King George VI in 1950

3. Whose first Silverstone win was in 2008?

ANSWER: Lewis Hamilton (has now won 5)

4. Silverstone took over the British Grand Prix permanently in 1987, but prior to that the races were also held at Aintree and ____?

ANSWER: Brands Hatch (Sadly the 1986 race that saw a major first lap accident at Paddock Bend where Jacques Laffite (Ligier-Renault JS27) broke both legs after going head-on into the wall on the right side of the track, which spelt the end of his career and Brands Hatch as a Formula One circuit).

5. Which British World Champion has never stood on the podium at the British Grand Prix?

Is it (a) John Surtees, (b) Jenson Button or (c) Graham Hill?

ANSWER: Jenson Button (Graham Hill never won at Silverstone but did finish 2nd in '64 and '65)



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F1 RACE/BUSINESS STRATEGY:

1. **Engineering** - What is being introduced this coming weekend (race weekend 28th/29th April) that will completely change the future of race strategy?

ANSWER: New Tyre options - Teams will be able to choose from an expanded range of seven dry compounds, having added the hyper-soft and super-hard.

2. **Sponsorship** - According to data collection site, Formula Money - In the 2014 Australian GP, which product (not team) benefited from 24.01% share of race exposure helping them generate an advertising value of approximately \$14m dollars per race.

ANSWER: Redbull - as they promote 2 teams (Redbull and Toro Rosso)

3. **Sales** - You sell your engines to another team. They want to use their own fuel and oil as they can tie it in with sponsorship income, so why would you ensure they use the same fuel and oil as your suppliers?

ANSWER: Customers benefit because all development and dyno running is carried out around the same fuel and oil, and the power unit package is optimised for it. - The strategic mistake is to opt for the commercial deal rather than making sure you are on the same specification of fuel and oil as the works team.

4. **Driver Value** - Team A has 2 drivers costing £4.15m, they scored 460 world championship points last season, Team B has 2 drivers costing £40.5m, and scored 765 world championship points. In points per pound value, which one has the best value drivers per point?

ANSWER: Team A as the drivers cost £9,021 per point; Team B drivers cost £52,941 per point. These were Team A (Red Bull) and Team B (Mercedes) costs for the 2016 season, the first and second place teams in 2016.

5. **The Halo** - 2018 has seen the introduction of the halo safety device. There are two main technical factors at play there – aerodynamic drag and car weight. The problem is, the halo, its mountings and brackets come in at 15kg, which as a late addition hasn't been factored into the 734kg car limit imposed by the FIA. (up just 6kg from 2017). How did the teams get round this for the start of the season?

Was it (a) find lighter drivers, (b) add gurney strips to reduce drag or (c) for the first time ever some cars are on track without ballast to help them reach the required weight.

ANSWER: B or C are correct, A is impossible as the drivers were already picked for the 2018 season prior to the final spec of the drivers being released.



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ACO PRODUCTS:

1. What is the name of the one-piece channel drainage system launched by ACO in February 2018?

ANSWER: ACO MonoDrain

2. Which EN 1433 load class is best suited to driveway applications, which are subjected to 4x4's and delivery vehicle traffic.

Is it (a) A 15 or (b) B 125?

ANSWER: B 125 is suitable for driveway applications. A 15 is best suited to patio projects.

3. What type of product is the NEW ACO StormBrixx SD?

ANSWER: Attenuation and Infiltration system

4. ACO Q-Brake is designed to regulate storm water flows from 2-100 litres per second. But what type of product is it.

(a) Stabilisation tile or (b) Vortex Flow Control?

ANSWER: Vortex Flow Control

5. What is the main installation benefit of the new Q-Max composite edge rail?

Is it (a) accurate alignment or (b) will not rust

ANSWER: It has a bolted rail connection for accurate alignment