

Q07 – 924, 928, 944, 968 and Limited Production based on these series

1. Bill Scholar, the recognized “founder” of the Porsche Club of America profession was as a ____.
 - a. Car Salesman
 - b. Politician
 - c. Commercial Artist
 - d. Magazine Editor

c. **2015 RPM, p.1**

2. How many PCA members attended the first “Treffen” trip to Germany in 1958.
 - a. 18
 - b. 41
 - c. 68
 - d. 81

d. **2015 RPM, p.5**

3. The newest region in the PCA is ____.
 - a. White River
 - b. Living Skies Prairie
 - c. Bluegrass
 - d. Puerto Rico

b. **2015 RPM, p.12**

4. The “liability” coverage provided by PCA for approved moving and non-moving car events is ____.
 - a. \$100,000
 - b. \$1,000,000
 - c. \$10,000,000
 - d. None

c. **2015 RPM, p.103**

5. PCA Club racing is now in its _____ year.
 - a. 10th
 - b. 22nd
 - c. 25th
 - d. 35th

b. **2015 RPM, p.114**

6. In what year was Professor Ferdinand Porsche Senior born?
 - a. 1870
 - b. 1875
 - c. 1880
 - d. 1885

b. **Excellence was Expected-1st edition, p.15**

7. The "Sportomatic" transmission is a:
- Three speed semi-automatic transmission
 - Manually shifted transmission but has no clutch
 - Standard 5-speed transmission but with a torque converter and vacuum operated clutch
 - Option that was not made available for the 914/4

d. *The Porsche Book, p.114*

8. Which of the following statements is not correct?
- Porsche introduced the 901 later 911 at the Frankfurt Auto Show in 1963
 - The first Porsche with Fuchs alloy wheels as standard equipment was model year 1967
 - The Targa was available late in calendar year 1966
 - The Sportomatic transmission was added as an option in calendar year 1968

d. *911x911 – Landenberger, p.70, actually the Sportomatic was available late in 1967*

9. The last carbureted US Version 911 was the _____.
- 2.2 T
 - 2.2 E
 - 2.4 T
 - 2.4 E

a. *The Porsche Book, p.125, US models only*

10. The 912 came with what make of carburetors?
- Zenith
 - Solex
 - Weber
 - All of the Above

b. *Excellence was Expected-1st edition, p.414*

11. This is the 60th Porsche Parade, but where was the 10th annual Porsche Parade held?
- Colorado Springs, CO
 - Santa Barbara, CA
 - Arlington, VA
 - Seattle, WA

b. *2015 RPM, p.13*

12. Where was the 25th Porsche Parade held?
- Seattle, WA
 - Washington DC
 - Portland, OR
 - Asheville, NC

c. *2015 RPM, p.13*

13. And finally, where was the 50th Porsche Parade held?
- a. Portland, OR
 - b. Fort Worth, TX
 - c. Hershey, PA
 - d. San Diego, CA

c. **2015 RPM, p.13**

14. As evaluated by Excellence magazine, since 2012, the high end of the price range of a 1965 911 has increased by approximately ____%.
- a. 200%
 - b. 300%
 - c. 400%
 - d. 500%

c. **Excellence Porsche Buyer's Guide 2012 & 2014-2015 editions; \$75K in 2012, \$300K in 2014-15**

15. As evaluated by Excellence magazine, since 2012, the high end of the price range of a 1997 993 Turbo S has increased by approximately ____%
- a. 50%
 - b. 100%
 - c. 150%
 - d. 200%

a. **Excellence Porsche Buyer's Guide 2012 & 2014-2015 editions; \$140K in 2012, \$225K in 2014-15**

16. March 16, 1956 was a significant day in Porsche history because
- a. Porsche won its first class victory at Sebring
 - b. The 10,000th car was built
 - c. Porsche introduced the 356 Carrera GS
 - d. Frau Porsche's second child was born

b. **Excellence was Expected-1st edition, p.166 Dr. Porsche posed with the 356A decorated in flowers**

17. Porsche's first Monte Carlo rallye victory was in a 911. What was the year of the victory and model of the vehicle?
- a. 1967 S
 - b. 1968 T
 - c. 1968 S
 - d. 1968 E

b. **Excellence was Expected-1st edition, p.442; the T was lighter than the S and therefore used for rallye.**

18. Since he ordered two 911s from the factory in _____, let's assume it was Steve McQueen's favorite Porsche color.
- a. Silver
 - b. Slate Gray
 - c. Guards Red
 - d. Black

b. **McQueen's Machines, p.54-55**

19. Octane is?
- The substance in gasoline that explodes when ignited by a spark plug
 - The substance that keeps gasoline from exploding before being ignited by a spark plug
 - A measurement of gasoline purity
 - A measurement of the resistance to self-detonation of the fuel-air mixture

d. *Up-Fixin Volume VII, p. 123*

20. All Porsche Type 550 cars had 4-cam air-cooled engines?
- True
 - False

b. *Excellence was Expected, 1st edition, p.123*

21. Which Porsche model was the first car in the world to produce the same horsepower and identical road performance with or without a catalytic converter?
- 911 Carrera
 - 928S
 - 924S
 - 944 Turbo

d. *Up Fixin Volume VII, p.264*

22. James Dean ordered the 126th Speedster ever made, it was white with a black leather interior and a 1500 Super engine. It was the first Speedster to have the new Super engine with a three-piece crankcase that produced _____ DIN HP?
- 70
 - 90
 - 105
 - 120

a. *James Dean: At Speed, p.65*

23. There was a heated battle for design of the 901 (911) production car between Butzi Porsche and Erwin Komenda. Who made the call on which model would prevail?
- Helmuth Bott
 - Ferdinand Piech
 - Ferry Porsche
 - Pete Tremper

c. *Porsche 911 - 50 Years, p.34*

24. The 1979 Porsche Indy experiment had a 935/72 engine installed in a modified _____ chassis.
- March
 - Coyote
 - Parnelli
 - Lola

c. *Excellence was Expected, 2nd edition, p.809*

25. The technical editor for Panorama for 2014 was Allan Caldwell?

- a. True
- b. False

a. **As an example, Panorama April 2014, p.10**

26. Porsche was the first to put a roll bar on a production car?

- a. True
- b. False

a. **Porsche 911 Performance Handbook, 1st edition, p.9**

27. Who was the father of the 993?

- a. Helmuth Bott
- b. Ulrich Bez
- c. Norbert Singer
- d. Tom Gorsuch

b. **Excellence, October 2014, p.123**

28. In the December 2014 edition of Excellence, the Porsche 918 was tested at what track?

- a. Daytona
- b. Sebring
- c. Road Atlanta
- d. Laguna Seca

d. **Excellence, December 2014, p.58**

29. The Type 771 engine was utilized in which car?

- a. 904/4
- b. 904/6
- c. 904/8
- d. 906

c. **Porsche Panorama, January 2014, p.26/30 corrected with Excellence Was Expected, 1st edition, p.382**

30. What well-known GM employee raced cars for Porsche?

- a. Peter Revson
- b. John Delorean
- c. Zora Arkus-Duntov
- d. Patrick Dempsey

c. **Porsche Panorama, February 2014, p.28/30**

31. How many 917s were built by the factory?

- a. 25 or 26 of the 12-cylinder versions plus one 16-cylinder prototype
- b. 30, 25 original plus 5 additional to fill orders
- c. 1
- d. None were built by the factory

a. **Porsche Panorama, March 2014, p.26/28**

32. How many 901/902 prototypes were built? How many survive?

- a. Two built, both survive
- b. Three Built, two survive
- c. Thirteen built, five survive
- d. Thirteen built, two survive

d. **Porsche Panorama, April 2014, p.30/34**

33. What was Porsche's type 369?

- a. Concept car to follow the 356
- b. Modified 356 race car
- c. 1.1 liter engine from 1949/1950 used in 356/2 and 356 cars
- d. 1.3 liter marine engine designation

c. **Excellence Was Expected, p.517, not correct in Porsche Panorama, May 2014, p.30/34**

34. What are trafficators, and did Porsche ever use them?

- a. Turn Signals, No
- b. Turn Signals, Yes
- c. Brake Lights, No
- d. Brake Lights, Yes

b. **Porsche Panorama, June 2014, p.28/32**

35. What's a Besen-Porsche?

- a. Tractor
- b. Modified 356 used to catch Belgian coffee smugglers
- c. Joint venture between Belgium and Germany to build a car that never materialized
- d. Porsche 911 modified by Johan Besen

b. **Porsche Panorama, July 2014, p.32/34**

36. Who designed Max Hoffman's Porsche showroom in Manhattan?

- a. Peter Eisenman
- b. Robert Venturi
- c. Ludwig Mies van der Rohe
- d. Frank Lloyd Wright

d. **Porsche Panorama, August 2014, p.30/32**

37. What famous automobile executive in power today was actually dismissed from his company?

- a. Alan Mulally
- b. John Delorean
- c. Ferdinand Piech
- d. Lee Iacocca

c. **Porsche Panorama, September 2014, p.34/36**

38. What was Porsche's smallest engine design?

- a. 822 cc
- b. 1086 cc
- c. 1100 cc
- d. 1300 cc

a. **Porsche Panorama, December 2014, p.16**

39. What was the first race for the 917

- a. 1969 Le Mans
- b. 1969 Spa-Franchorchamps
- c. 1969 Nurburgring
- d. 1970 Le Mans

b. **Porsche Panorama, November 2014, p.32/26**

40. Did the early Gmund-built 356s use Volkswagen engine components?

- a. Yes
- b. No

a. **Porsche Panorama, December 2014, p.30/32**

Dieter's Questions

41. With which business concept did Max Hoffmann start his activities in the United States?

- a. Importing European motorcycles
- b. Pre-owned automobile trade
- c. **Selling cheap trinkets**
- d. Real estate agent

42. Which race driver was the first purchaser of a 356 in the United States?

- a. **Briggs Cunningham**
- b. Bruce Jennings
- c. John von Neumann
- d. Steve McQueen

43. Where were the first offices of Porsche of America Corporation (founded in 1955) located?

- a. Park Avenue, Corner of 56th Street, NYC
- b. **Madison Avenue, Corner of 54th Street, NYC**
- c. Teaneck, New Jersey
- d. Columbia, MD

44. When did Porsche-Audi Operation take over responsibility for the US-import business?

- a. **1969-70**
- b. 1971-72
- c. 1973-74
- d. 1975-76

45. Where were the first headquarters of Porsche Cars North America (founded in 1984) located?
- Reno, Nevada**
 - Washington, Illinois
 - Atlanta, Georgia
 - Charleston, South Carolina
46. In which race did the Porsche 911 win its first official class victory on asphalt?
- Targa Florio 1966
 - 24 hours of Daytona 1966**
 - 12 hours of Sebring 1966
 - 24 hours of Le Mans 1966
47. The 911 Targa was introduced at the IAA in Frankfurt in September 1965. When did the production of this car start?
- October 1965
 - December 1965
 - August 1966
 - December 1966**
48. In which detail does one recognize the early 911 Targa, (Model year until 1969)?
- Flared wheel base
 - Hood and tail middle piece in aluminum
 - Venting openings on the side of the Targa bar are missing**
 - "Targa" in script on the Targa bar
49. Which alternative model descriptions were discussed prior to adopting the name Targa?
- Bel Air & Voyage**
 - Bel Etage & Spyder
 - Voyage & Continental
 - Voyager & Bel Etage
50. Which Porsche employee is considered to be the inventor of the description "Targa"?
- Herbert Linge
 - Erich-Otto Filius
 - Harald Wagner**
 - Erwin Komenda

The next 25 questions are unique to Quiz 7

51. Late model 944's and 968's enjoy an oil level monitoring system that includes an oil level indicator in the instrument cluster. The oil level sensor employs:
- A reed switch
 - A micro-encapsulated aluminum float
 - A cork float
 - Porsche fuel economy statements (they float)

a. 968 Factory Workshop Manual - Wiring Diagram Pg. 97-4

52. In the late 1980's, 944's were available with a telephone preparation package option which included a wired handset in the center console and an antenna on the roof. Where was the transceiver located?
- Above the glove box attached to the cowl panel
 - Under a cover in the right hand side of the luggage compartment
 - Attached to a bracket behind the passenger foot well floor panel
 - In the cowl area immediately adjacent to the Central Electrical Board

b. 944 Factory Workshop Manual, pg. 91-7

53. Described in the May, 2014 issue of Panorama, Clint Davis built a very unique car. What was it?
- 924 Carrera GT
 - 924 GTS
 - 944 GTR
 - 968 Turbo S

d. Panorama, May 2014, p.73-79

54. Who was the studio director at the time and the "true" designer of the 928?
- Tony Lapine
 - Dr. Fuhrmann
 - Peter Schutz
 - Wolfgang Mobius

d. Excellence, June 2014, p.91-92

55. The 928 and especially the S4 has its own cult following. PCA member John Kuhn did what some thought impossible with his 928 S4. What did he do?
- Installed a Corvette LT2 engine
 - Supercharged the engine adding 142 HP
 - Added twin-turbo chargers while maintaining all the creature comforts
 - Sold it to Manny Alban

c. Panorama, December 2014, p.86-96

56. In _____ the 928 was awarded the “Car of the Year”, the only time a sports car has ever received this award.
- a. 1976
 - b. 1977
 - c. 1979
 - d. 1984

b. Excellence, June 2014, p.92

57. Porsche has been committed to using rubber-centered clutch discs in manual transmission models, and 968's are no exception. Similar rubber-centered technology is also used in 968's equipped with tiptronic (automatic) transmissions.
- a. True
 - b. False

a. 968 Workshop Manual, p.39-146

58. What type of spring components are used on the front of a 1983 944 and how are they arranged?
- a. Coil-spring surrounded shock absorber
 - b. Laminated square-cross-section torsion bars mounted transversely
 - c. Round-cross-section torsion bars mounted transversely
 - d. Sealy posturepedic individually wrapped coils

a. 944 Workshop Manual, p.40-01

59. 1984 928 models were equipped with drum brakes on the rear wheels?
- a. True
 - b. False

a. 928 Spec Book, p.57

60. In the December, 2014 Excellence magazine, Gary Witzenburg tells a great story about how he along with others, attempted to drive his pre-production 944 Turbo to his third successful 24 hour event win. At what venue was the race held?
- a. Watkins Glen
 - b. Le Mans
 - c. Daytona
 - d. Nelson Ledges

d. Excellence, December 2014, p.123-126

61. Thierry Braunlich owns an unusual 924 Turbo that actually resembles a 924 Carrera GT. It has a few more unique features from the dealer including _____?
- a. Martini Recaro cloth interior
 - b. Roll bar
 - c. 16 inch phone dials
 - d. All of the above

d. Panorama, November 2014, p.80-85

62. Since we are on the topic, how many 924 Carrera GT's were factory-built including the GTS and GTR variants?
- 106
 - 482
 - 1000
 - The "factory" never built a 924 Carrera GT

b. Panorama, November 2014, p.81

63. A 1984 944 has how many 25-amp fuses, including those in the auxiliary fuse box?
- Two
 - Three
 - Four
 - Six

b. 944 Workshop Manual, p.90-7 and 8

64. The wear limit for the disc brake pads on a 1980 928 is 1mm thick.
- True
 - False

b. 928 Technical Specifications, p.57 – All Porsche brake pads use 2mm as wear limit

65. What is the capacity of the fuel tank which is standard equipment on a 1983 944 including reserve?
- 52 litres, 6 litres reserve
 - 60 litres, 6 litres reserve
 - 66 litres, 9 litres reserve
 - 66 litres, 6 litres reserve

c. 944 Technical Specifications, p.13

66. What is the gear lube capacity of the 928 manual transmission?
- 3.0 litres
 - 3.0 quarts
 - 3.8 litres
 - 3.8 quarts

c. 928 Technical Specifications, p.33

67. The correct lug nut torque for a 944 with steel wheels is different than the torque for alloy wheels?
- True
 - False

b. 944 Technical Specifications, p.55

68. You should change the fluid and bleed the clutch hydraulic system on a 944 ____?
- Every 10,000 miles
 - Every two years
 - Annually
 - The 944 does not have a hydraulic clutch

c. Up-Fixin Vol VII, p.62

69. What type of vented disc brake was standard equipment at the rear axle of a 1985 944 Turbo?
- Caliper in trailing position w/mechanical actuated drum/parking brake
 - Caliper in leading position w/mechanical actuated drum/parking brake
 - Caliper in trailing position w/mechanical actuated parking brake built into caliper
 - Caliper in leading position w/mechanical actuated parking brake built into caliper

b. Up-Fixin Vol VII, p.262

70. All 924 Cooling Systems hold approximately?
- 7 quarts
 - 7 litres
 - 8 quarts
 - 8 litres

b. 924 Technical Specifications, p.98

71. On the 1984 944, what was changed on the bottom of the bell housing?
- Changed to a split case, allowing easier clutch replacement
 - Inspection plate added to adjust clutch engagement
 - Small window added so TDC can be set from above or below engine
 - Lettering "PORSCHE 944" cast into the bell housing along with added strength ribs

c. Up-Fixin Vol VI, p.156

72. What year did the "flush mounted windshield" appear on the 944?
- 1987
 - 1986
 - 1985
 - 1984

c. Up-Fixin Vol VII, p.329

73. How many "factory" 968 Turbo RS's were produced?
- None
 - 25
 - 10
 - 4

d. Excellence was Expected, p.1123

74. The _____ controls air to bypass the throttle butterfly and if malfunctioning could cause cold start problems on a 1985 928.
- Coolant temperature sensor
 - Idle control valve
 - Idle speed stabilizer
 - Warm up regulator

b. Up-Fixin Vol X, p.15

75. Like the 356, the speedometer on a 1984 944 is operated by a cable driven by the left front wheel?
- True
 - False

a. 944 Workshop Manual, p.46-5

Tie Breakers

76. The formula for determining horsepower (HP) is?
- torque X time divided by 3600
 - (RPM + MPH) divided by 4
 - ft/lbs torque X (RPM divided by 5250)
 - lots of money X little engines = big surprises

c. Porsche 911 Performance Handbook, p.265

77. The Porsche type 100 is?
- V-10 air cooled tank engine
 - Diesel engine producing 210 HP at 2500 RPM
 - V-8 air cooled tractor
 - Army Tank Prototype

d. Cars Are My Life, p.107

78. Who is the historical editor for Panorama?
- Randy Leffingwell
 - Damon Lowney
 - Jeff Zwart
 - Betty Jo Turner

a. Panorama, December 2014, p.12

79. I graced the cover of Christophorus for the February 2014 edition (366)
- Macan
 - Cayman GTS & Carrera 6
 - 919 Hybrid LeMans Prototype
 - Ballet Dancer

c. Christophorus February 2014, cover

80. The current President of PCA calls what state home?
- Maryland
 - Texas
 - California
 - New York

b. any Panorama from 2014 but how about January 2014, p.10