

Govt. ITI Bidkalkatte

MMV TRADE THEORY - B

Q. ID: ITISKILL8315VR | December 2025

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Attempt No.	#1	Completion Time	10:29 PM
Rank	#1	Total Questions	20

12 SCORE

20 MAX MARKS

12 CORRECT

8 INCORRECT

Answer Review

Q1 CORRECT What is the average power steering gear ratio followed in general?

- A. 40% less than manual steering
- B. Equal to manual steering
- C. 20% less than manual steering
- D. 10% more than manual steering

Q2 INCORRECT What is the maximum air pressure supplied by the compressor in the air suspension system?

- A. 100 to 115 PSI
- B. 180 to 210 PSI
- C. 120 to 125 PSI
- D. 200 to 215 PSI

Q3 **INCORRECT** What is the aspect ratio in the tyre structure?

A. Percentage ratio of tyre height to Rim width

B. Ratio between tyre height to tyre dia

C. Percentage ratio of tyre height to tyre width

D. Ratio between tyre width to Rim width

Q4 **INCORRECT** Which part of tyre referred as 'Crown'?

A. Thread width

B. Rim width

C. Tyre width

D. Thread radius

Q5 **CORRECT** What is the name of distance between most protruding portions on both sides of tyre?

A. Tyre outer diameter

B. Tyre height

C. Tyre width

D. Thread radius

Q6 **CORRECT** Which part of electronic power steering revert back to manual steering in case of failure in power steering?

A. Solenoid valve

B. Phase compensator

C. Fail safe relay

D. Current controller

Q7 **INCORRECT** What is the advantage of electronic power steering?

- A. Compact in size
- B. Energy being consumed only while steering
- C. Less occupation of space
- D. Number of components are less

Q8 **INCORRECT** Which type of suspension spring made of fibre glass, laminated and bonded together by tough polyster resins?

- A. Coil springs
- B. Multiple leaf springs
- C. Monoleaf springs
- D. Fiber composite springs

Q9 **CORRECT** Which is not the function of suspension system?

- A. It maintains body level
- B. It gives cushioning effects
- C. It transfer braking torque to the chassis
- D. It increase steering stability

Q10 **CORRECT** Why light weight cars use low steering ratio?

- A. To obtain low steering effect
- B. To obtain large steering effect
- C. To obtain constant steering effect
- D. To obtain no steering effect

Q11 **CORRECT** Which type of shock absorber absorbs shocks with the help of friction disc and spring?

A. Hydraulic type

B. Electrical type

C. Mechanical type

D. Pneumatic type

Q12 **CORRECT** Where the airbags are located in the air suspension system?

A. Between frame and vehicle axle

B. Between high control valve and frame

C. Between air pressure regulator and front axle

D. Between brake tank and vehicle axle

Q13 **CORRECT** What is the use of compact spare tyres?

A. Used for breakdown

B. Used for high altitude

C. Withstand heavy load

D. Withstand high temperature

Q14 **INCORRECT** Which rating indicate the braking capabilities of the tire to the consumer?

A. Ply rating

B. Tyre rating

C. Traction rating

D. Temperature rating

Q15 **CORRECT** What will be the effect of negative camber excessive in the wheel alignment?

A. Outer edge of tyre wearout faster

B. Centre of tyre wearout faster

C. Inner edge of tyre wear out faster

D. Cracks developed in the tyre tread

Q16 **INCORRECT** What is the impact of larger scrub radius?

A. Wear on the outer edge of tyre

B. Unequal braking on the front wheel

C. Wear on the centre part of tyre

D. Bending of steering linkage point

Q17 **INCORRECT** What will be the effect of negative scrub radius?

A. Wheel is caused to toe - out

B. Wheel is kept in straight position

C. The tyre centre portion wear out

D. Wheel is caused to toe - in

Q18 **CORRECT** What will be the result of improper brake adjustment?

A. Hard steering

B. Wheel wobbling

C. Steering wheel play

D. Vehicle pulling to one side

Q19 **CORRECT** What is the cause of 'Wheel wobbling'?

A. Improper tyre pressure

B. King pin wornout

C. Drop in pressure

D. Wrong hose size

Q20 **CORRECT** What causes the deffect of ?Hard steering? in the hydraulic power steering system?

A. Improper position of drop arm

B. Tie rod loose fitting

C. Band axle beam

D. Improper size of tyre