

**B.E (Semester-VIII) Examination,**

**Vehicle Performance and Testing**

**Sub code: 67792**

**Max. Mark-**

**Duration: -hrs**

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**Instructions:**

**1. Attempt all questions.**

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Q1)	Gradability is usually defined as a) The maximum grade a vehicle can negotiate at a given steady speed b) The minimum grade a vehicle can negotiate at a given steady speed c) The maximum grade a vehicle can negotiate at a given varying speed d) The minimum grade a vehicle can negotiate at a given varying speed
Q2)	Wheel base of vehicle is a) Distance between the centres of the front and rear wheels b) Distance between the centres of the front tyres c) Distance between the centres of the rear tyres d) Extreme length of the vehicle
Q3)	During which condition of the vehicle does NO <sub>x</sub> emission in SI engine will be lowest? a)Cruising b)Idling c)Accelerating d)Decelerating
Q4)	Technician A says whenever working on the steering column, consult the on-line service information for the recommended airbag disabling procedure. Technician B says the u-joint or flexible coupling must be removed before the steering wheel can be removed. Who is right? a) A only b) B only c) Both A and B d) Neither A nor B
Q5)	Fuel Economy is the energy efficiency of a vehicle, expressed as

	<p>a)The ratio of distance traveled per unit of fuel consumed in km/liter</p> <p>b)The ratio of fuel consumed per unit distance traveled of in liter/km</p> <p>c)The ratio of fuel retained in tank per unit distance traveled of in liter/km</p> <p>d)None of the above</p>
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## ANSWERSHEET

### Vehicle Performance and Testing

Q1)	Answer-A)
Q2)	Answer-A)
Q3)	Answer-B)
Q4)	Answer-A)
Q5)	Answer-A)