

2021
CLASS – IX (Phase-2)
Automotive (Vocational)

Total marks: 25

Time: 1 hour

General instructions:

- i) *Approximately 5 minutes is allotted to read the question paper and revise the answers.*
- ii) *All questions are compulsory.*
- iii) *The question paper consists of 12 questions.*
- iv) *Marks allocated to every question are indicated against it.*

N.B: *Check to ensure that all pages of the question paper are complete as indicated on the top left side.*

1. **Choose the correct answer from the given alternatives:** **5x1=5**
- i. The latest version of emission standards to be followed in India is the
 - (a) EURO- III
 - (b) EURO- IV
 - (c) BS-III
 - (d) BS-IV
 - ii. Coolant is used in
 - (a) engine
 - (b) air conditioning
 - (c) cooling system
 - (d) brake
 - iii. The full form of ABS is
 - (a) Anti-lock Braking System
 - (b) Anti-braking System
 - (c) Anti-body System
 - (d) Air Bag System
 - iv. Business is a/an
 - (a) social activity
 - (b) economic activity
 - (c) political activity
 - (d) inter-personal activity
 - v. Energy produced by wastes from plants and animals is known as
 - (a) Liquefied Petroleum Gas
 - (b) Compressed Natural Gas
 - (c) Minerals
 - (d) Biomass

Answer the following questions in one word or one sentence:

2. What is Bharat Stage emission standard? **1**
3. Why is daily inspection of vehicle necessary? **1**
4. What is a hybrid vehicle? **1**
5. What is entrepreneurship? **1**

Answer the following questions in 20-50 words:

- 6. List any two tips to control air pollution caused by vehicles. 2
- 7. Why is timely servicing of vehicles necessary? 2
- 8. What is G-CON? 2
- 9. What is ICT? Name any two ICT devices. 1+1=2

Answer *any two* from the following questions in 60-100 words:

- 10. Briefly explain any four important checkups for better vehicle maintenance. 4
- 11. Briefly explain any four latest car technology innovations in respect to convenience and safety. 4
- 12. Explain the three Rs concept of the modern waste management. 4
