

CBSE – DEPARTMENT OF SKILL EDUCATION

AUTOMOTIVE (SUBJECT CODE 404)

Sample Question Paper

Class X (Session 2019–2020)

Time: 2 Hours

Max. Marks: 50

General Instructions:

1. *This Question Paper consists of two parts viz. Part A: Employability Skills and Part B: Subject Skills.*
2. **Part A: Employability Skills (10 Marks)**
 - i. *Answer any 4 questions out of the given 6 questions of 1 mark each.*
 - ii. *Answer any 3 questions out of the given 5 questions of 2 marks each.*
3. **Part B: Subject Skills (40 Marks):**
 - i. *Answer any 10 questions out of the given 12 questions of 1 mark each.*
 - ii. *Answer any 4 questions from the given 6 questions of 2 marks each.*
 - iii. *Answer any 4 questions from the given 6 questions of 3 marks each.*
 - iv. *Answer any 2 questions from the given 4 questions of 5 marks each.*
4. ***This question paper contains 39 questions out of which 27 questions are to be answered.***
5. *All questions of a particular part/section must be attempted in the correct order.*
6. *The maximum time allowed is 2 hrs.*

PART A: EMPLOYABILITY SKILLS (10 MARKS)

Answer any 4 questions out of the given 6 questions of 1 mark each:

1.	Which of the following methods are used to receive information from the sender through a letter? (a) Listening (b) Speaking (c) Reading (d) Writing	(1)
2.	Dressing and grooming are important because they help us to look_____ (a) smart (b) untidy (c) shabby (d) All of the above	(1)
3.	Define self-management skills	(1)

4.	There is a talent contest in your town. For participating in the audition, you have to send a recording of a song. What would you connect to your computer to record your song? (a) Keyboard (b) Microphone (c) Scanner (d) Mouse	(1)
5.	What is the aim of entrepreneurship? (a) Earn a profit (b) Solve customers need innovatively (c) Both of the above (d) None of the above	(1)
6.	Which of the following options describe a green economy correctly? A green economy _____. (a) uses less resources (b) uses more resources (c) causes more pollution (d) wastes more items	(1)

Answer any 3 questions out of the given 5 questions of 2 marks each:

7.	What is communication?	(2)
8.	What are the steps involved in washing of your hands.	(2)
9.	What are the benefits of entrepreneurship?	(2)
10.	Write three main parts of CPU	(2)
11.	What are green skills .Write about some of the areas in which green skills contribute to the sustainable development?	(2)

PART B: SUBJECT SKILLS (40 MARKS)

Answer any 10 questions out of the given 12 questions:

12.	Full form of TDC is _____	(1)
13.	Coolant is used for a) Heating the engine b) Cooling the engine c) Firing the engine d) Freezing the engine	(1)

14.	Mallet is made of a) Iron b) Wood c) Steel d) Aluminium	(1)
15.	Tachometer is used to measure a) Resistance b) Speed of vehicle c) Speed of engine d) Power of engine	(1)
16.	Air filter is cleaned by a) Chemical b) Air Blower c) Oil d) Water	(1)
17.	Fuel filter removes _____ from fuel.	(1)
18.	An ideal coolant has _____ thermal capacity (high/low)	(1)
19.	Who publishes the service manual?	(1)
20.	Name two content of service manual?	(1)
21.	A combination of electrical and petrol engine have been used in a car called _____.	(1)
22.	Customer support is a range of services provided to assist the _____ in purchase or maintenance of their vehicles.	(1)
23.	Customer support services includes a) training b) trouble shooting c) Maintenance d) All of these	(1)

Answer any 4 questions out of the given 6 questions of 2 marks each:

24.	Name the chassis frame used in automobile?	(2)
25.	Name two measuring tools used in automobile shop?	(2)
26.	Why changing of coolant is essential?	(2)
27.	Explain the importance of customer after sales services?	(2)
28.	Write about antilock brakes innovation in automobile.	(2)
29.	Is service manual helpful in servicing of vehicle. Explain.	(2)

Answer any 4 questions out of the given 6 questions of 3 marks each:

30.	Distinguish between tubed tyre and tubeless tyre.	(3)
31.	With the help of neat sketch explain about screw gauge	(3)
32.	Write down the important precaution while washing vehicle.	(3)
33.	Explain airbag advancements in automobile.	(3)
34.	What are the qualities the sales person should possess?	(3)
35.	What knowledge, service manual gives to the technicians?	(3)

Answer any 2 questions out of the given 4 questions of 5 marks each:

36.	How does a cooling system of an automobile works?	(5)
37.	Explain in brief: Four common special tools used in automobile servicing	(5)
38.	How is the engine oil changed? Write the different steps in sequence.	(5)
39.	What are the important aspects of customer service?	(5)