



ICSE 2025 EXAMINATION
SPECIMEN QUESTION PAPER
AUTO SERVICE TECHNICIAN

Maximum Marks: 100

Time allowed: Two hours

Answers to this Paper must be written on the paper provided separately.

*You will **not** be allowed to write during the first 15 minutes.*

This time is to be spent in reading the question paper.

The time given at the head of this Paper is the time allowed for writing the answers.

*Attempt **all** questions from **Section A** and **any four** questions from **Section B**.*

The intended marks for questions or parts of questions are given in brackets [].

Instruction for the Supervising Examiner

Kindly read aloud the Instructions given above to all the candidates present in the Examination Hall.

SECTION A (40 Marks)

(Attempt **all** questions from this **Section**.)

Question 1

Choose the correct answers to the questions from the given options.

[20]

(Do not copy the questions, write the correct answers only.)

- (i) Why is time management crucial for entrepreneurs?
- (a) To ensure personal leisure time
 - (b) To efficiently allocate time to various tasks and enhance productivity
 - (c) To impress investors with a busy schedule
 - (d) To avoid hiring too many employees
- (ii) Which of the following pair is not part of 7C's of communication?
- (a) Completeness and Conciseness
 - (b) Consideration and Clarity
 - (c) Concreteness and Courtesy
 - (d) Confinement and Conduciveness
- (iii) Feedback such as "good job" or "you did great", are kind of which feedback.
- (a) Descriptive feedback
 - (b) Specific feedback
 - (c) General feedback
 - (d) Informal feedback
- (iv) By what method can we know that the receiver has understood the message?
- (a) transmitting
 - (b) feedback
 - (c) message
 - (d) listening

- (v) **Assertion (A):** Effective communication requires both the sender and the receiver to understand the same message.

Reason (R): Feedback from the receiver helps the sender to know if the message has been understood correctly.

- (a) Both Assertion (A) and Reason (R) are true, and (R) is the correct explanation of (A).
 - (b) Both Assertion (A) and Reason (R) are true, but (R) is not the correct explanation of (A).
 - (c) Assertion (A) is true, but Reason (R) is false.
 - (d) Assertion (A) is false, but Reason (R) is true.
- (vi) Using abbreviations in communication leads to which type of communication barrier?
- (a) Language/ Linguistic
 - (b) Physical
 - (c) Cultural
 - (d) Organisational
- (vii) Which of the following is NOT a communication barrier?
- (a) Linguistic barrier
 - (b) Interpersonal barrier
 - (c) Financial barrier
 - (d) Organisational barrier
- (viii) What does straight body posture show:
- (a) Pride
 - (b) Professionalism
 - (c) Confidence
 - (d) Humility

(ix) **Assertion (A):** Noise is an element in the communication process that can distort or interfere with the message being communicated.

Reason (R): Noise only refers to physical sounds that disrupt communication.

- (a) Both Assertion (A) and Reason (R) are true, and (R) is the correct explanation of (A).
- (b) Both Assertion (A) and Reason (R) are true, but (R) is not the correct explanation of (A).
- (c) Assertion (A) is true, but Reason (R) is false.
- (d) Assertion (A) is false, but Reason (R) is true.

(x) Which of the following is not an element of the communication cycle?

- (a) Channel
- (b) Receiver
- (c) Time
- (d) Sender

(xi) Written communication can be classified in which type of communication?

- (a) Non-verbal
- (b) Verbal
- (c) Visual
- (d) Non-visual

(xii) The abilities to communicate properly are:

- (a) read
- (b) write
- (c) speak
- (d) all of these

(xiii) **Assertion (A):** Time management is crucial for effective self-management.

Reason (R): Proper time management ensures that all tasks are completed on time without stress.

- (a) Both Assertion (A) and Reason (R) are true, and (R) is the correct explanation of (A).
- (b) Both Assertion (A) and Reason (R) are true, but (R) is not the correct explanation of (A).
- (c) Assertion (A) is true, but Reason (R) is false.
- (d) Assertion (A) is false, but Reason (R) is true.

(xiv) Which of the following is an example of negative feedback?

- (a) You can dance better.
- (b) Your dance was good but you can do better.
- (c) Your dance skill is not really good. You have to practice more.
- (d) You are a good dancer.

(xv) Keeping shoulders straight right and body relaxed is an example of:

- (a) Facial Expressions
- (b) Posture
- (c) Gesture
- (d) Eye contact

(xvi) Aural communication is based on _____.

- (a) Body language
- (b) Language and tone of voice
- (c) Facial expressions
- (d) Listening and Hearing

- (xvii) What is a key component of time management?
- (a) Procrastination
 - (b) Goal setting
 - (c) Multitasking
 - (d) Ignoring deadlines
- (xviii) Which of the following is an example of self-motivation?
- (a) Waiting for someone to tell you what to do
 - (b) Setting personal goals and striving to achieve them
 - (c) Relying on external rewards to get tasks done
 - (d) Complaining about tasks that are not interesting
- (xix) Which of these is a common barrier to effective self-management?
- (a) Clear goal-setting
 - (b) Lack of planning
 - (c) Regular self-reflection
 - (d) Effective time management
- (xx) What is the primary purpose of a business plan?
- (a) To avoid paying taxes
 - (b) To secure funding and provide a roadmap for the business
 - (c) To increase the workload
 - (d) To hire more employees

Question 2

- (i) Fill in the blanks: [5]
- (a) _____ refers to the physical components of a computer system.
 - (b) _____ is the skill of managing financial resources and ensuring the profitability of the business.
 - (c) _____ is the ability to stay organized and maintain a structured approach to work.
 - (d) Effective communication requires both the speaker and the _____ to be actively engaged.
 - (e) The _____ is responsible for encoding and transmitting the message in the communication process.
- (ii) State whether True or False [5]
- (a) Deep breathing exercises can help manage stress.
 - (b) Self-management only involves managing time and tasks.
 - (c) Entrepreneurs should always rely on their own instincts rather than seeking advice from others.
 - (d) Nonverbal communication is just as important as verbal communication.
 - (e) Effective communication is only the responsibility of the speaker.

Question 3

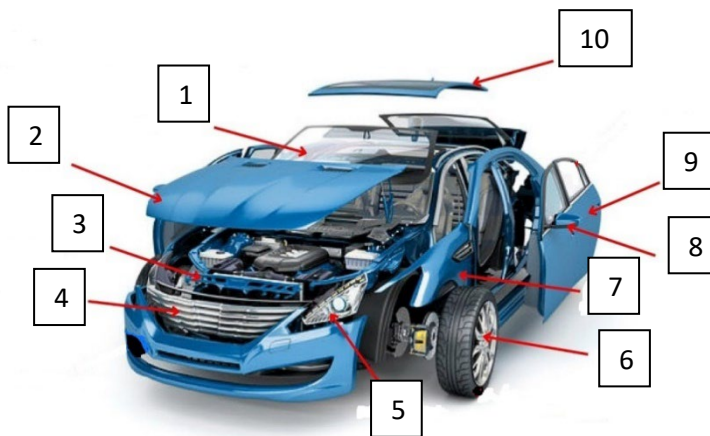
- (i) What role does time management play in working independently? [2]
- (ii) What is the difference between formal and informal communication? [2]
- (iii) What is the main advantage of using cloud storage? [2]
- (iv) Why are green skills important in the modern workplace? [2]
- (v) How does active listening contribute to effective communication? [2]

SECTION B (60 Marks)

(Answer **any four** questions from this Section.)

Question 4

- (i) Explain the any five main functions of a *vehicle chassis*. [5]
- (ii) Describe any five differences between a Ladder Frame Chassis and a Monocoque Chassis. [5]
- (iii) Label the parts of the vehicle shown in the picture below: [5]



Question 5

- (i) Describe the working principle of a four-stroke internal combustion engine. [5]
- (ii) What is the purpose of a crankshaft in an internal combustion engine? [5]
- (iii) How does a fuel injector work in a modern engine? [5]

Question 6

- (i) What are the main differences between a diesel engine and a gasoline engine? [5]
- (ii) Explain the primary functions of a lubrication system in a vehicle. [5]
- (iii) Describe the components of a typical lubrication system in an internal combustion engine. [5]

Question 7

- (i) What is the role of the oil filter in the lubrication system, and how does it work? [5]
- (ii) What are the differences between a wet sump and a dry sump lubrication system? [5]
- (iii) Discuss the importance of oil viscosity in the lubrication system. [5]

Question 8

- (i) Explain any five functions of a vehicle's cooling system. [5]
- (ii) Describe the components of a typical liquid cooling system in an internal combustion engine. [5]
- (iii) What is the role of the thermostat in a vehicle's cooling system, and how does it operate? [5]

Question 9

- (i) Explain any five primary functions of a vehicle's transmission system. [5]
- (ii) Explain any five primary functions of a vehicle's steering system. [5]
- (iii) Explain the primary function of the following tools: [5]

(a)



(b)



(c)



(d)



(e)

