```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>SmartFlash OMR+ Fixed Layout</title>
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600&display=swap" rel="stylesheet" />
  <style>
    * {
      box-sizing: border-box;
    }
    body {
      font-family: 'Poppins', sans-serif;
      background: linear-gradient(to right, #e3f2fd, #e1bee7);
      margin: 0;
      padding: 20px;
      display: flex;
      justify-content: center;
      align-items: center;
      min-height: 100vh;
    }
    .card-container {
      width: 360px;
      perspective: 1200px;
      /* Prevent container from shrinking too small */
      min-height: 320px;
    }
    .flashcard {
      position: relative;
      width: 100%;
```

```
  transition: transform 0.8s;
  transform-style: preserve-3d;
  cursor: default;
}
.flipped {
  transform: rotateY(180deg);
}
.face {
  position: relative;
  width: 100%;
  padding: 20px;
  background: white;
  border-radius: 20px;
  box-shadow: 0 10px 25px rgba(0,0,0,0.15);
  backface-visibility: hidden;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  /* Make sure text wraps and stays inside */
  overflow-wrap: break-word;
  word-break: break-word;
}
.back {
  background: #dcedc8;
  transform: rotateY(180deg);
  position: relative;
}
h2 {
  margin: 0 0 15px;
  color: #333;
```

```
  font-weight: 600;
  font-size: 1.4rem;
  max-width: 100%;
  text-align: center;
  overflow-wrap: break-word;
  word-break: break-word;
  white-space: normal;
}
.options {
  width: 100%;
}
.option {
  background: #f1f1f1;
  padding: 12px;
  margin: 8px 0;
  border-radius: 12px;
  cursor: pointer;
  transition: all 0.3s ease;
  text-align: center;
  user-select: none;
  /* Keep options inside card */
  overflow-wrap: break-word;
  word-break: break-word;
  white-space: normal;
  max-width: 100%;
}
.option:hover {
  background: #c5cae9;
}
.option.correct {
  background-color: #a5d6a7;
```

```
    }
    .option.incorrect {
      background-color: #ef9a9a;
    }
    .option.disabled {
      pointer-events: none;
    }
    button {
      margin-top: 20px;
      padding: 10px 20px;
      font-weight: bold;
      border: none;
      background: #7e57c2;
      color: #fff;
      border-radius: 10px;
      cursor: pointer;
      transition: background 0.3s ease;
      user-select: none;
      display: block;
      width: 100%;
    }
    button:hover {
      background: #5e35b1;
    }
  </style>
</head>
<body>
  <div class="card-container">
    <div class="flashcard" id="flashcard">
      <div class="face front">
        <h2 id="question">Loading...</h2>
```

```
      <div class="options" id="options"></div>
    </div>
    <div class="face back">
      <h2 id="answer">Answer here</h2>
    </div>
  </div>
  <button onclick="nextCard()">Next</button>
 </div>


 <script>
  const data = [
    {
      question: "What is the boiling point of water in degrees Celsius at standard atmospheric pressure?",
      options: ["90°C", "100°C", "110°C", "120°C"],
      correct: "100°C"
    },
    { question: "Capital of Japan?", options: ["Seoul", "Beijing", "Tokyo", "Bangkok"], correct: "Tokyo" },
    {
      question: "HTML stands for?",
      options: [
        "Hyper Type Multi Language",
        "HyperText Markup Language",
        "HighText Machine Language",
        "None"
      ],
      correct: "HyperText Markup Language"
    },
    {
      question: "Planet known as the Red Planet, famous for its reddish appearance caused by iron oxide on its surface?",
```

```
    options: ["Venus", "Saturn", "Mars", "Jupiter"],
    correct: "Mars"
  },
  { question: "CSS is used for?", options: ["Logic", "Content", "Design", "Database"], correct: "Design" },
  {
    question: "Which JavaScript method is used to select an element by its ID?",
    options: ["getElementByClass", "getElementById", "querySelectorAll", "getElementsByTagName"],
    correct: "getElementById"
  },
  {
    question: "What does OMR stand for in examination systems?",
    options: [
      "Optical Mark Recognition",
      "Online Marking Resource",
      "Official Math Review",
      "Output Module Recorder"
    ],
    correct: "Optical Mark Recognition"
  },
  {
    question: "Which gas is most abundant in the Earth's atmosphere?",
    options: ["Oxygen", "Nitrogen", "Carbon Dioxide", "Argon"],
    correct: "Nitrogen"
  },
  {
    question: "The chemical symbol 'Na' stands for which element?",
    options: ["Sodium", "Nitrogen", "Neon", "Nickel"],
    correct: "Sodium"
  },
  {
```

```
    question: "Who wrote the novel 'To Kill a Mockingbird', a classic of modern American literature?",
    options: ["Harper Lee", "J.K. Rowling", "Mark Twain", "Ernest Hemingway"],
    correct: "Harper Lee"
  }
];

let current = 0;
const flashcard = document.getElementById('flashcard');
const questionEl = document.getElementById('question');
const optionsEl = document.getElementById('options');
const answerEl = document.getElementById('answer');

function loadCard() {
  flashcard.classList.remove('flipped');
  const q = data[current];
  questionEl.textContent = q.question;
  answerEl.textContent = "Answer: " + q.correct;
  optionsEl.innerHTML = '';

  q.options.forEach(opt => {
    const btn = document.createElement('div');
    btn.className = 'option';
    btn.textContent = opt;
    btn.onclick = () => checkAnswer(btn, opt, q.correct);
    optionsEl.appendChild(btn);
  });
}

function checkAnswer(btn, selected, correct) {
  const all = document.querySelectorAll('.option');
```

```
    all.forEach(opt => {
      opt.classList.add('disabled');
      if (opt.textContent === correct) opt.classList.add('correct');
      else if (opt.textContent === selected) opt.classList.add('incorrect');
    });
    setTimeout(() => {
      flashcard.classList.add('flipped');
    }, 700);
  }

  function nextCard() {
    current = (current + 1) % data.length;
    loadCard();
  }

  loadCard();
 </script>
</body>
</html>
```