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<html >
<head>
  <title>JS Form Validation</title>
  <style>
    body {
      background-color: #202020;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
    }
    .container {
      background-color: #ffc9c9;
      padding: 20px;
      border-radius: 30px 0px 30px 0px;
      box-shadow: 0 0 5px rgb(151, 108, 108);
      text-align: center;
      width: 400px;
    }
    .container h1 {
      margin-bottom: 20px;
      font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial,
sans-serif;
      color: #453e3e;
      text-align: center;
    }
    form {
      display: flex;
      flex-direction: column;
      align-items: center;
    }
    input[type="text"],
    input[type="password"],
    input[type="email"],
    input[type="number"],
    input[type="date"],
    select,
    input[type="submit"] {
      width: 90%;
      padding: 10px;
      margin-bottom: 10px;
      border: 1px solid #ccc;
      border-radius: 25px;
      background-color: #fff;
    }
    input[type="text"]:invalid,
    input[type="password"]:invalid,
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input[type="email"]:invalid,
input[type="number"]:invalid,
input[type="date"]:invalid {
    border-color: red;
    border-width: 1px;
}
input[type="text"]:valid,
input[type="password"]:valid,
input[type="email"]:valid,
input[type="number"]:valid,
input[type="date"]:valid {
    border-color: green;
    border-width: 1px;
}
.radio-group,
.checkbox-group {
    display: block;
    width: 100%;
    margin-bottom: 10px;
    text-align: left;
}
input[type="radio"],
input[type="checkbox"] {
    margin-right: 5px;
}
</style>
<script>
function validateForm() {
    let form = document.forms["myForm"];
    let username = form["username"].value;
    let password = form["password"].value;
    let dob = form["dob"].value;
    let email = form["email"].value;
    let mobile = form["mobile"].value;
    let gender = form["gender"].value;
    let languages = form["languages"];
    let state = form["state"].value;
    let langChecked = false;

    if (!/^[a-zA-Z]+$/.test(username)) {
        alert("Username can only contain upper and lower case
alphabets.");
        return false;
    }
    if (!/^(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-
z\d@$!%*?&]{8,}$/.test(password)) {
        alert("Password must be at least 8 characters long and contain
at least one upper case letter, one number, and one special character.");
    }
}
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        return false;
    }
    if (dob === "") {
        alert("Date of Birth is required.");
        return false;
    }
    if (email === "") {
        alert("Email is required.");
        return false;
    }
    if (!/^d{10}$/.test(mobile)) {
        alert("Mobile number must be 10 digits.");
        return false;
    }

    if (gender === "") {
        alert("Please select your gender.");
        return false;
    }
    for (let i = 0; i < languages.length; i++) {
        if (languages[i].checked) {
            langChecked = true;
            break;
        }
    }
    if (!langChecked) {
        alert("Please select at least one language.");
        return false;
    }
    if (state === "") {
        alert("Please select your state.");
        return false;
    }
    return true;
}
</script>
</head>
<body>
    <div class="container">
        <h1>JS Form Validation</h1>
        <form name="myForm" onsubmit="return validateForm()">
            <input type="text" placeholder="User Name *" name="username"
pattern="[A-Za-z]+" required>
            <input type="password" placeholder="Password *" name="password"
required>
            <label>DOB:</label>
            <input type="date" placeholder="DOB *" name="dob" required>
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        <input type="email" placeholder="eMail id *" name="email"
required>
        <input type="number" placeholder="Mobile Number *" name="mobile"
required>
        <div class="radio-group">
            <label>Gender:</label>
            <br>
            <input type="radio" name="gender" value="male" required> Male
            <input type="radio" name="gender" value="female" required>
Female
        </div>
        <div class="checkbox-group">
            <label>Languages known:</label>
            <br>
            <input type="checkbox" name="language" value="english"
required> English
            <input type="checkbox" name="language" value="hindi" required>
Hindi
            <input type="checkbox" name="language" value="telugu"
required> Telugu
            <input type="checkbox" name="language" value="marathi"
required> Marathi
            <input type="checkbox" name="language" value="bengali"
required> Bengali
            <input type="checkbox" name="language" value="kannada"
required> Kannada
            <input type="checkbox" name="language" value="gujarati"
required> Gujarati
            <input type="checkbox" name="language" value="tamil" required>
Tamil
            <input type="checkbox" name="language" value="punjabi"
required> Punjabi
        </div>

        <label for="state">State:</label>
        <select name="state" required>
            <option value="">Select State *</option>
            <option value="Andhra Pradesh">Andhra Pradesh</option>
            <option value="Tamil Nadu">Tamil Nadu</option>
            <option value="Karnataka">Karnataka</option>
            <option value="Maharashtra">Maharashtra</option>
            <option value="Uttar Pradesh">Uttar Pradesh</option>
            <option value="Rajasthan">Rajasthan</option>
            <option value="Kerala">Kerala</option>
            <option value="West Bengal">West Bengal</option>
            <option value="Odisha">Odisha</option>
            <option value="Bihar">Bihar</option>

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        </select><br><br>
        <input type="submit" value="Submit">
    </form>
</div>
</body>
</html>
```

JS Form Validation

DOB:

Gender:

☐ Male ☐ Female

Languages known:

☐ English ☐ Hindi ☐ Telugu ☐ Marathi ☐ Bengali
☐ Kannada ☐ Gujarati ☐ Tamil ☐ Punjabi

State: