

CONTENTS

Nomenclature	Page number
Certificate	2
Acknowledgement	3
Introduction/project overview	4
Implementation	5
Testing technologies	6
Relevant Screenshots	
Database Structure	8
User Interface(along with code)	9-84
Conclusion	85
Bioliography	86

CERTIFICATE

To whom it may concern

This is to certify that Miss Ayushmoti Das of Meghnad Saha Institute of Technology having Roll no.14200120099,Stream CSE has successfully completed the project (project name) using PHP, JavaScript, HTML, CSS under the guidance of Mr. Rajesh Ghosh from Career Point, Kolkata.

Mr. Rajesh Ghosh
Senior Course Coordinator
Career Point

Acknowledgement

I would like to express my special thanks to Mr. Rajesh Ghosh who have mentored and guided us during the entire course of this project. Secondly I would like to thank Career Point Training School for arranging such useful training program and give us opportunity to learn things practically.

During making this application I learned a lot and did lot of research work which gave me plenty of knowledge. Again I express my deep respect to Mr. Rajesh Ghosh. Accomplishment of this project would not have been possible without his support, high standard teaching and most importantly friendly approach with us on our queries making them clear and giving relevant example from real life event.

Moreover, I am thankful to and fortunate enough to get constant encouragement, support and guidance from all those who provided me with direct or indirect mentorship while I was working on this project. The final outcome of this project required a lot of guidance and assistance from many people and I am extremely fortunate to have got all that along the completion of my project work. Whatever I have done is only due to such guidance and assistance and I will always be grateful to them.

INTRODUCTION

Online study materials are a great alternative to the prevalent use of hard copies of the same. Hence the web based tutorial websites are built to provide a cost effective solution to students/learners.

This tutorial website provides an interactive user interface and is dedicated to providing guidance to students preparing for the competitive exams which are a pre-requisite for getting Government Jobs in India. The exam pattern is made objective keeping in mind the exam pattern of one of the most challenging exams in India, the SSC exam. The submission and the reviewing of the exam is completely automatic, and the progress of the candidate is kept in record and can be accessed by them at any point.

PROJECT OVERVIEW

The objective of this project is to provide study materials and mock tests to aspirants of SSC Examination at a low cost. It is the foundation for building a dedicated tutorial app which provides-

- Easy registration
- Time regulated tests which are checked automatically.
- Study materials strictly based on curriculum.

Other useful information such as syllabus and exam pattern of the particular exam.

IMPLEMENTATION

The project consists of two parts- the frontend and the backend. The frontend is implemented by HTML, CSS and JavaScript. HTML and CSS contributes to the graphical user interface and JavaScript is used for validating the form entries and making the interface more dynamic by implementing the time constraint.

The backend is implemented by PHP and MySQL. Other tools such as phpMyAdmin (MySQL administration tool) and Xampp (local test server) are used.

Here in this project WATERFALL MODEL has been implemented. Waterfall approach was first Process Model to be introduced and followed widely in Software Engineering to ensure success of the project. In "The Waterfall" approach, the whole process of software development is divided into separate process phases. These phases are cascaded to each other so that second phase is started as and when defined set of goals are achieved for first phase and it is signed off, hence the name "Waterfall Model". All the methods and processes undertaken in Waterfall Model are more visible.

The stages of "The Waterfall Model" are:

- Requirement Analysis & Definition
- System & Software Design
- Implementation & Unit Testing
- Integration & System Testing
- Operations & Maintenance

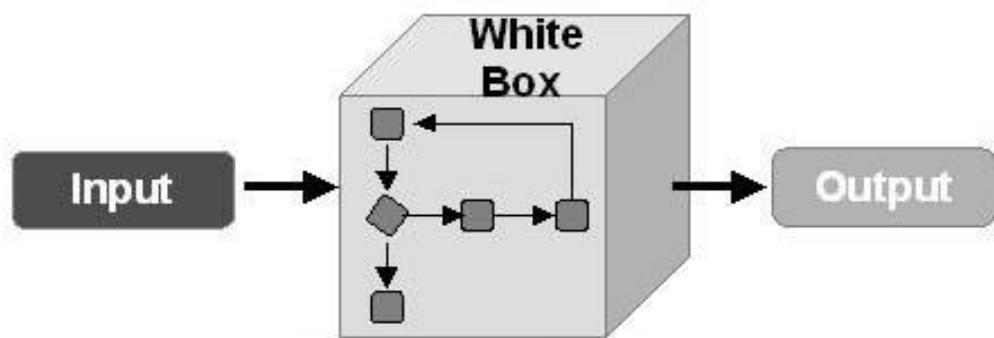
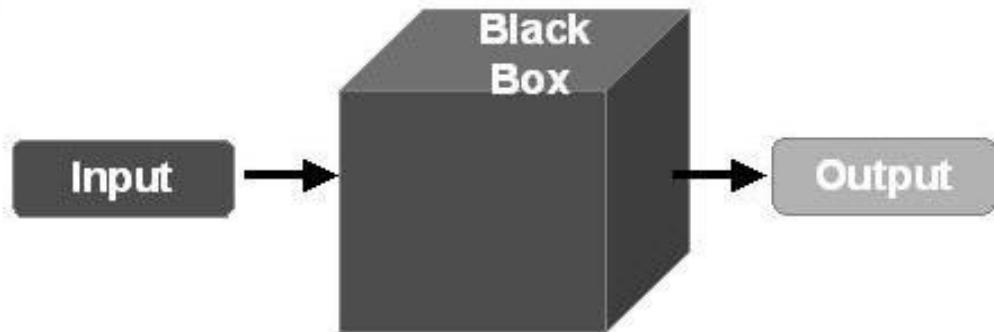
TESTING TECHNOLOGIES

Software testing is a crucial element and it represents the ultimate review of specification design & coding. There are two types of test approaches. They are-

- Black Box testing and
- White Box testing

When the computer software testing is considered, Black Box testing alludes to the tests that are concluded at the software interface level. On the other hand, white box testing of the software is predicted on a close examination of procedural details.

1. Conditional testing: This testing was done to check the Boolean operator errors, Boolean variable errors, and Boolean parenthesis.
2. Loop testing: This testing was performed to check simple loops and Nested Loops for proper execution as expected.
3. Unit testing: Here each module was tested individually and it was ensured that all the modules function as required.
4. Integrated testing: Here the tested modules were combined together and were tested to work properly as a group of interactive modules. The main purpose of this testing was to check the interface between the modules.



RELEVANT SCREENSHOTS

DATABASE STRUCTURE

Table 1: Signup.

Stores the relevant details a person has to enter when they are creating an account for our application.

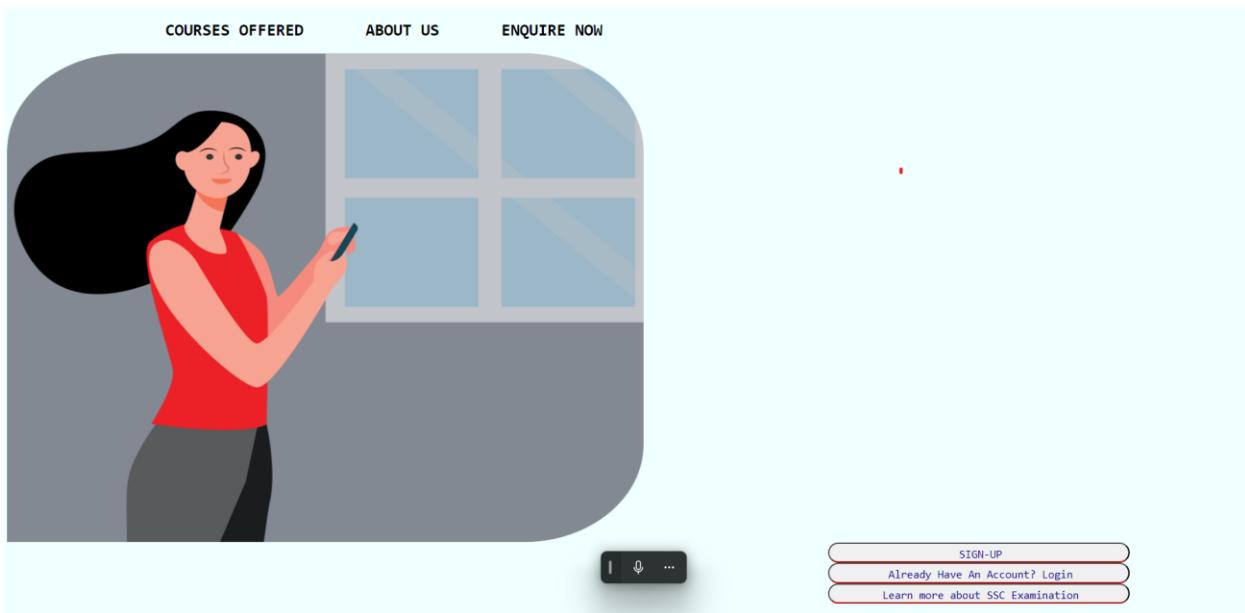
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
□ 1	Name	text	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 2	Dob	date			No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 3	State	text	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 4	City	text	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 5	Contact_no	int(10)			No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 6	Mail_id	varchar(15)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 7	Password	varchar(15)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 8	Customer_id	varchar(10)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More

Table 2: Package_purchased

Stores the relevant details when an user buys a study package.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
□ 1	Candidate_id	varchar(10)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 2	Package_id	varchar(10)	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 3	Mop	text	latin1_swedish_ci		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 4	Pay_date	date			No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More
□ 5	Slno	int(11)			No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values ▾ More

USER INTERFACE



```
<html>
  <head>
    <title>homepage</title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
  <body bgcolor="azure">
    <div class="Navbar">
      <ul>
        <li><a href="course.html">COURSES OFFERED</a></li>
        <li><a href="about.html">ABOUT US</a></li>
        <li><a href="en.html">ENQUIRE NOW</a></li>
      </ul>
    </div>
```

```
<div class="Image">
  
    <div class="C">
      <form action="signup.php">
        <input type="submit" value="SIGN-UP">
      </form>
      <form action="login.php">
        <input type="submit" value="Already have an account? Login">
      </form>
      <form action="ssc.1php">
        <input type="submit" value="Learn more about SSC examination">
      </form>
    </div>
  </div>
</body>
</html>
```

STYLE SHEET

```
.Navbar{ width:85%;
  margin: auto;
  display:flex;
  justify-content: space-between;
}
```

```
.Navbar ul li{ list-style: none;
  font-family: monospace;
  font-size: 20px;
```

```
        display: inline-block;
        margin: 0 35px;
        position: sticky; }

.Navbar ul li a{color:black;
    text-decoration: none;
    text-transform: uppercase;
    font-weight: bolder;
}

.Navbar ul li ::after{
    content: "";
    height: 3px;
    width: 0;
    background: #0f0f0f;
    position: absolute;
    left: 0;
    bottom: -10px;
    transition: 0.5s;
}

.Navbar ul li :hover::after{ width: 100%; }

.Image img{
    width: 50%;
    height: 80%;
    image-orientation: left; }

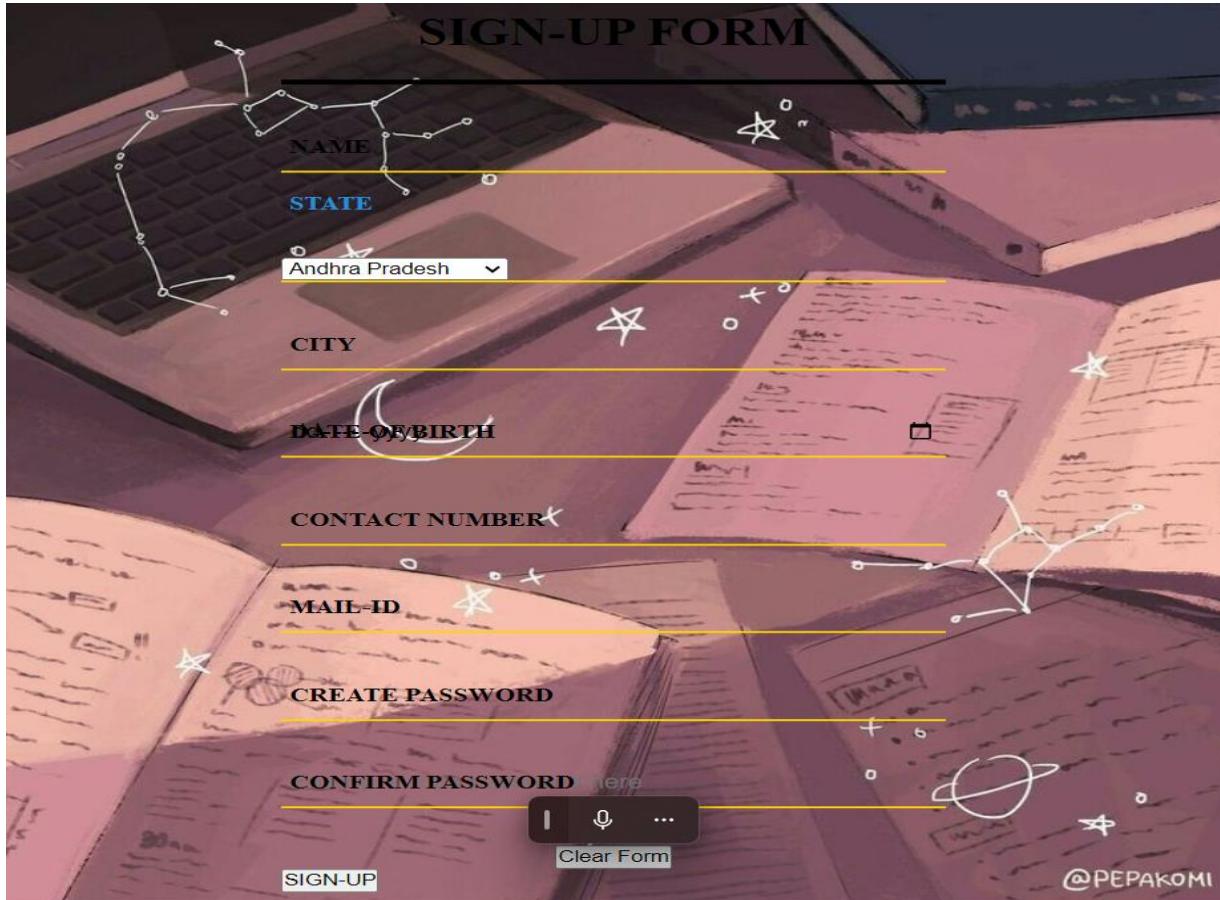
.C { padding-left: 800px;
    border-bottom: 600px; }

.C form button{
```

```
width: 50%;  
border-radius: 25px;  
padding-left:10px;  
padding-top: 5px;  
border-bottom-color:red;  
}
```

```
.C a{  
text-decoration: none;  
color: darkblue;  
font-family: monospace;}
```

SIGNUP.PHP



```
<html>
<head>
    <title>sign-up_form</title>
    <link rel="stylesheet" href="style6.css">
    <script>
        function validate_date()
        {
            var date=document.formname.i2.value;
            var mydate=new Date(date);
            var curdate=new Date();
            var myyear=mydate.getFullYear();
            var curyear=curdate.getFullYear();
            if(myyear>curyear)
                alert("You cannot enter a future year");
            else if(curyear-myyear<18)
                alert("You are too young to access");
            else
                return true
        }
        function validate_email()
        {
            var str=document.fname.mail.value;
            if(!str.includes("@gmail.com"))
                alert("Enter mail in proper format");
        }
        function validate_password()
```

```
{  
    var str1=document.fname.pass1.value;  
    var str2=document.fname.pass2.value;  
    if(!(str1==str2))  
        alert("The passwords don't match");  
}  
  
function validate_number()  
{  
    var num=document.fname.num.value;  
    len=num.length;  
    if(len<10){  
        alert("Phone number consists of 10 digits");  
        return false; }  
    for(i=0;i<len;i++)  
    {  
        if(num.charAt(i)!="0"||num.charAt(i)!="1"||num.charAt(i)!="2"||  
            num.charAt(i)!="3"||num.charAt(i)!="4"||num.charAt(i)!="5"||  
            num.charAt(i)!="6"||num.charAt(i)!="7"||num.charAt(i)!="8"||  
            num.charAt(i)!="9")  
        {  
            alert("Enter number in proper format");  
            break;  
        }  
    }  
}
```

```
function form_check()
{
    validate_email();
    validate_password();
    validate_date();
    validate_number();}

</script>
</head>
<body>
<div class="bg">
<div class="signup">
    <h1>SIGN-UP FORM</h1>
    <form action="insert_login1.php" method="post" id="form"
name="formname">
        <div class="txt">
            <input type="text" name="i1" id="t1" required>
            <span></span>
            <label>NAME</label>
        </div>
        <div class="txt">
            <span></span>
            <label for="i2">STATE</label>
            <select name="i2" id="t2" required>
                <option value="anp">Andhra Pradesh</option>
```

```
<option value="arp">Arunachal Pradesh</option>
<option value="as">Assam</option>
<option value="b">Bihar</option>
<option value="c">Chhattisgarh</option>
<option value="go">Goa</option>
<option value="gu">Gujarat</option>
<option value="h">Haryana</option>
<option value="hp">Himachal Pradesh</option>
<option value="j">Jharkhand</option>
<option value="k">Karnataka</option>
<option value="ke">Kerala</option>
<option value="mp">Madhya Pradesh</option>
<option value="ma">Maharashtra</option>
<option value="Man">Manipur</option>
<option value="me">Meghalaya</option>
<option value="mi">Mizoram</option>
<option value="na">Nagaland</option>
<option value="o">Odisha</option>
<option value="p">Punjab</option>
<option value="r">Rajasthan</option>
<option value="s">Sikkim</option>
<option value="ta">Tamil Nadu</option>
<option value="te">Telengana</option>
<option value="tr">Tripura</option>
<option value="u">Uttarakhand</option>
<option value="up">Uttar Pradesh</option>
```

```
<option value="wb">West Bengal</option>

</select>
</div>
<div class="txt">
    <input type="text" name="i3" id="t3" required>
    <span></span>
    <label>CITY</label>
</div>
<div class="txt">
    <input type="date" name="i4" id="t5" required>
    <span></span>
    <label>DATE OF BIRTH</label>
</div>
<div class="txt">
    <input type="text" name="i5" id="t6" required>
    <span></span>
    <label>CONTACT NUMBER</label>
</div>
<div class="txt">
    <input type="mail" name="i6" id="t6" required>
    <span></span>
    <label>MAIL-ID</label>
</div>
<div class="txt">
    <input type="password" name="i7" id="t7" required>
```

```
<span></span>
<label>CREATE PASSWORD</label>

</div>

<div class="txt">
    <input type="password" placeholder="Enter previous password
here" id="t8" name="i8" required>
    <span></span>
    <label>CONFIRM PASSWORD</label>
</div>

<center>
    <input type="reset" value="Clear Form" id="res">
</center>
    <input type ="submit" value="SIGN-UP" name="i9"
onclick="form_check()">
</form> </div></div>
</body>
</html>
```

STYLE SHEET

```
*{
    margin: 0;
    padding: 0;
    color:black;
    font-weight: 400;
}
```

```
.bg{  
    width:100%;  
    height: 100vh;  
    background-image: url(bg1.jpg);  
    background-size: contain;  
    background-position: center;  
}  
.signup{  
    position: absolute;  
    top:50%;  
    left:50%;  
    transform:translate(-50%,-50%);  
    width:400px;  
    background: transparent;  
    border-radius: 10px;  
}  
.signup h1{  
  
    text-align: center;  
    padding: 0 0 20px 0;  
    border-bottom: 4px solid black;  
    color: black;  
    font-weight: 900;  
}  
.signup form{
```

```
padding: 0,40px;  
box-sizing: border-box;  
  
}  
  
form .txt{  
    position: relative;  
    border-bottom: 2px solid gold;  
    margin:30px 0;}  
  
.txt input{  
    width:100%;  
    padding:0 5px;  
    height:40px;  
    font-size: 16px;  
    border:none;  
    background: none;  
    outline:none;  
    font-family: sans-serif;  
    color:black;  
}  
  
.txt label{  
    position:absolute;  
    top:50%;  
    left: 5px;  
    color:black;  
    font-weight: 700;  
    transform:translateY(-50%);
```

```
    font-size: 16px;
    pointer-events: none;
    transition: 0.5s;
}

.txt span::before{
    content: "";
    position: absolute;
    top: 40px;
    left: 0;
    width: 0%;
    height: 2px;
    background: #2691d9;
    transition: 0.5s;
}

.txt input:focus~label,
.txt input:valid~label{
    top: -5px;
    color: #2691d9;
}

.txt input:focus~span::before,
.txt input:valid~span::before{
    width: 100%;
}

}
```

INSERT LOGIN1.PHP

```
<html>
<head>
<title>Insert Data</title>
</head>
<body>
<?php
session_start();
?>
<?php
$conns=new mysqli("localhost","root","","","project");
if($conns->connect_error)
{
    die('unable to connect:'.$conns->connect_error);
}
$result=mysqli_query($conns,"select * from login");
$rowcount=mysqli_num_rows($result);
$rowcount=$rowcount+1;
$mid='M'.$rowcount;
$n=$_POST['i1'];
$mail=$_POST['i6'];
$result1=mysqli_query($conns,"select * from login where
Mail_id='".$mail."'");
//echo (string)$result1;
if(mysqli_num_rows($result1)==0)
{
```

```
$sqlquery="Insert into
login(Name,Dob,State,City,Contact_no,Mail_id,Password,Customer_id)
Values('$_POST[i1]','$_POST[i2]','$_POST[i3]','$_POST[i4]','$_POST[i5]'.
,'$_POST[i6]','$_POST[i7]','$mid')";

if($conns->query($sqlquery)==true)
{
echo'<h1>';
echo 'You are successfully registered';
echo 'Your Member ID is'.$mid;
echo'Please remember your Member ID for future use';
echo'</h1>';
}
else
{
echo "error".$conns->error;
}
}

else
{
echo'<h2>';
echo'This mail_id is already registered';
echo'</h2>';
}

mysqli_close($conns);
?></body></html>
```

LOGIN.PHP



```
<html>
<head>
    <link rel="stylesheet" href="pagest1.css">
    <script type="text/javascript"></script>
</head>

<body>

    <div class="bg">
        <div class="signup">
            <h1>LOGIN</h1>
            <form method="post" action="retieve_from_login.php">
```

```
<div class="txt">
    <span></span>
    <label>Enter Customer-ID</label>
    <input type="text" id="t2" name="check1">
</div>
<div class="txt">
    <span></span>
    <label>Enter Password</label>
    <input type="password" id="t3" name="check2">
</div>
<center>
    <input type="reset" value="Clear Form" id="res"/>
</center>
    <input type="submit" value="LOGIN">
</form>
</div>
</div>
</body>
</html>
```

STYLE SHEET

```
*{
    margin: 0;
    padding: 0;
    color: black;
    font-weight: 400;}
```

```
.bg{  
    width:100%;  
    height: 100vh;  
    background-image: url(bg1.jpg);  
    background-size:contain;  
    background-position:center;  
}
```

```
.signup{  
    position: absolute;  
    top:50%;  
    left:50%;  
    transform:translate(-50%,-50%);  
    background-color: transparent;  
    width: 700px;  
    height: 200px;  
}
```

```
.signup h1{  
  
    text-align: center;  
    padding: 0 0 20px 0;  
    border-bottom: 4px solid black;  
    color: black;  
    font-weight: 900;  
}
```

```
.txt label{  
    font-size: 20px;
```

```
    font-weight: 800;
    padding-top: 60px;
}

.txt input{
    display: block;
    width:50%;
    padding:0 5px;
    height:30px;
    font-size: 16px;
    border-color: black;
    border-radius: 25px;
    font-family: sans-serif;
    color:black;
}
```

RETIEVE FROM LOGIN.PHP

```
<html>
<head>
    <title>Insertion_form</title>
</head>
<body>
    <?php
        $cons=new mysqli("localhost","root","","","project");
        if(!$cons)
        {
            die('Unable to connect:' . $cons->connect_error);
        }
    
```

```
$id=$_POST['check1'];
$pass=$_POST['check2'];
$result=mysqli_query($cons,"select * from login where
Customer_id='".$id."' and Password='".$pass."'");
if(mysqli_num_rows($result))
{
?>
<script type="text/javascript">

window.location.replace("http://localhost/xampp/acc/account.php");

</script>
<?php }
else
{
echo ' No record found';
} ?>
</body>
</html>
```

SSC1.PHP

SSC EXAM

The SSC Exams stand for Staff Selection Commission exams.
It is conducted to recruit staff to various posts in ministries, departments and organizations of the Government of India.

Established in 1975, it has been instrumental in selecting staff for various Group B and Group C posts.

There are different kinds of Staff Selection Commission exams such as- [SSC CGL](#), [SSC CHSL](#), [SSC JE](#), [SSC GD](#), [SSC CPO](#), [SSC MTS](#) and [SSC Stenographer exam](#).

The table below highlights the main SSC exams scheduled to be conducted in 2022-23

SSC Exams 2022-2023	
Exam Name	SSC Exam dates
SSC CHSL	April 12th 2023 to April 27th 2023
SSC CGL	4th August to 12th August 2023(New Date)
SSC JE	May 29th to June 7th 2023
SSC CGL	13th August to 24th August 2023(New Date)
SSC GD	22nd March to 24th March 2021
SSC MTS	26th July 2023 (New Date)
SSC CPO	Tier II 2019 on May 8th 2023
SSC GD	Notification released
SSC MTS	July 1st 2023
SSC Stenographer	March 29th -31st 2023

Frequently Asked Question – SSC Exam 2023

Q.1. What is the highest post in SSC Exam?

Ans. Assistant Accounts Officer OR Assistant Audit Officer is the highest post that a candidate can get through by qualifying Combined Graduate Level SSC Examination. AAO is

The SSC CGL is one of the most sought after Staff Selection Commission exams conducted annually to recruit candidates for various Group B and Group C posts. The recruitment is done in various departments, ministries and organizations of the Central Government.

The notification for SSC CGL 2020 is released on 29th December 2020 by the commission, hence the dates for the same are as follows:

SSC CGL Exam	CGL Exam Dates (Tentative)
SSC CGL Notification	29 December 2020
Online Application Submission	29 December 2020 to 31 January 2021
SSC CGL Admit Card	To be notified
Tier I exam	29 May 2021 to 07 June 2021 postponed
Tier-II exam	To be notified
Tier III exam	To be notified
Tier IV exam	To be notified

Exam Pattern of SSC CGL Tier,1,2,3 and 4

Tier 1 will take place in multiple slots via computer mode, with objective type questions.

Tier 2 will comprise two papers Quantitative Aptitude and English of about 200 marks.

Tier 3 is a descriptive type exam that is designed to test the written skills of candidates in the Hindi/English language.

Tier 4 is conducted exclusively for the post of Assistant Audit Officer.

SSC CGL Eligibility

Qualification :

Bachelor's Degree in any subject with at least 60 % Marks in Mathematics in 12th standard Or Bachelor's Degree in any subject with Statistics as one of the core subjects.

Age Limit:

SSC has increased the age limit for SSC CGL Recruitment, though the age varies for different posts. The minimum age limit defined for SSC CGL is 27 years and the maximum is 32 years.

JOB PROSPECTS

Department	Age Limit	Posts
CSS	20 – 30 years	Assistant Section Officer

Department	Age Limit	Posts
CSS	20 to 30 years	Assistant Section Officer
Intelligence Bureau	Not exceeding 30 Years	Assistant Section Officer
Directorate of Enforcement, Department of Revenue	Not exceeding 30 Years	Assistant Enforcement Officer
M/o of Statistics & Prog. Implementation	Up to 32 years	Junior Statistical Officer
NIA	Up to 30 years	Sub Inspector
CBI	20-30 years	Sub Inspector
Narcotics	18-25 years	Sub Inspector
CBEC	20-27 years	Tax Assistant
Other departments	18-27 years	All other posts

Registration for SSC CGL

The application form for SSC CGL will be made available on the official website. Candidates can fill the application form in online mode only by visiting the official portal (different for different regions) of SSC. Candidates need to register by entering his/her email ID, phone number and password. An SSC registration number will be issued. Use the given registration number and password to log in. Fill the detailed application form and upload scanned photographs and signatures as per the dimensions specified in the JPEG format. Candidates would be selected through a 4-tier selection process of SSC CGL, in which the fourth tier would be of qualifying nature only.

Tier 1 comprises about 100 MCQs based on the general aptitude to be done within an hour.

Tier 2 is a descriptive test comprising two papers of Mathematics and English with each being of 200 marks and 2 hours duration.

Tier 3 would be a subjective exam of 1-hour. Tier 4 would be a typing test/computer proficiency test.

SSC Syllabus for CGL 2020-21

The tier-wise SSC syllabus for the examination is given below:

Tier I SSC Syllabus for CGL

The major sections asked in SSC CGL Preliminary Exam are General Awareness, Reasoning, Quantitative Aptitude And English Language.

Tier II SSC Syllabus for CGL

Mains Exam will be conducted online and is an objective multiple-choice exam. The major sections in Mains Exam are Quantitative Aptitude, English Language and Comprehension, Statistics, General Studies (Finance and Economics)

Tier III SSC Syllabus for CGL

Tier #III of SSC CGL exam is a descriptive exam to test the writing skills of the candidates in English/Hindi. The mode of examination is offline and students are required to write essays, precision writing, application, letter, etc. The

SSC CGL Examination Pattern

The SSC Combined Graduate Level (CGL) Exam is one of the most sought-after exams for aspirants whose dream is to get recruited into the various organizations, Ministries, departments under the Government of India.

The strategy for **SSC CGL Preparation** is given in brief below:

1. Having a clear concept on the various topics in the [SSC CGL Exam](#)
2. Check the [SSC CGL Eligibility Criteria](#)
3. Understanding the [SSC CGL Exam Pattern](#) properly
4. Go through the [detailed SSC CGL Syllabus](#).
5. Referring to important [SSC CGL Study materials](#) related to the topics in the exam
6. Focusing on the [SSC CGL preparation Strategies](#)

The SSC CGL Exam is conducted in 4 stages, and each stage has a different exam pattern. The **SSC CGL Exam pattern** is as follows:

Tier	Subject	Number of Questions	Maximum Marks	Time allowed
Tier I	General Intelligence and Reasoning	25	50	60 Minutes (Total)
	General Awareness	25	50	
	Quantitative Aptitude	25	50	For VH/ OH (afflicted with Cerebral Palsy/ deformity in writing hand- Pl 80 Minutes
	English Comprehension	25	50	
Tier II	Paper-I: Quantitative Abilities	100	200	120Minutes
	Paper-II: English Language and Comprehension	200	200	
	Paper-III: Statistics	100	200	For VH/ OH (afflicted with Cerebral Palsy/ deformity in writing hand- 160 Minutes
	Paper-IV: General Studies (Finance and Economics)	100	200	60 Minutes
Tier III Descriptive Paper in Hindi/English(Essay, Letter, applications, precis) –		100		For VH/ OH (afflicted with Cerebral Palsy/ deformity in writing hand- 80 Minutes

SSC CGL Books

The SSC CGL preparation will require a reference to many books.

The important SSC CGL books will help the candidates to focus on the relevant topics, and they will ultimately score well.

SSC CGL Books for English

[Candidates must leave no stone unturned for SSC CGL English Preparation both in Paper I and Paper II. The important SSC CGL Books for English are given below:](#)

SSC CGL Books

The SSC CGL preparation will require a reference to many books.

The important SSC CGL books will help the candidates to focus on the relevant topics, and they will ultimately score well.

SSC CGL Books for English

Candidates must leave no stone unturned for SSC CGL English Preparation both in Paper I and Paper II. The important **SSC CGL Books for English** are given below:

- Objective General English by SPBakshi (Arihant)
- Quick Learning Objective General English by RS Aggarwal & Vikas Aggarwal
- Objective English for Competitive Examinations by H M Prasad
- How to Prepare for Verbal Ability and Reading Comprehension – By Arun Sharma
- Wren & Martin – High School English Grammar and Composition
- Perfect Competitive English V.K. Sinha
- Competitive General English Kiran Prakashan
- From Plinth to Paramount- Neetu Singh
- A Mirror of Common Errors- Dr Ashok Kumar Singh

Best Books For SSC CGL Maths

Given below are the best books for **SSC CGL Maths**:

- Advance Maths by Rakesh Yadav
- Magical Book on Quicker Maths by M Tyra;
- SSC Elementary and Advanced Maths BY Kiran
- NCERT Maths from Grade 6 to Grade 11
- Quantitative Aptitude by Dr R.S Agarwal is also one of the best books for SSC CGL Maths.

SSC CGL Reasoning Books

The important **SSC CGL Reasoning Books** are given below:

- Modern Approach to Verbal & Non-Verbal Reasoning by Dr R.S. Aggarwal
- Analytical Reasoning by M.K. Pandey
- Logical and Analytical Reasoning by A.K. Gupta
- How to Prepare for Logical Reasoning by Arun Sharma

SSC CGL Preparation Books

10 essential tips related to the SSC CGL Preparation are:

1. Have a well-planned study routine with proper duration for each topic.
2. A thorough study of the subjects and relevant topics as per the latest SSC CGL syllabus and pattern is necessary.
3. Have the collection of important SSC CGL preparation books and study material.
4. Get online and offline help whenever required.
5. Solving SSC CGL previous years' exam papers and making a flow chart of the concepts.
6. Numerous practices and prepare separately for the online and offline exam.
7. Improve on solving strategies and devise an exclusive SSC CGL study plan.
8. Try avoiding random preparation on the subject.
9. Try to understand a concept in detail.
10. Try to resolve any subject, concept related doubts long before the exams.

Getting good marks in the exam is possible if a thorough SSC CGL preparation is done. Candidates applying for the SSC CGL exam should always have the proper SSC CGL study material to make a great start for the exam preparation.

Frequently Asked Question – SSC CGL Preparation

Q.1. Is it possible to clear the SSC CGL exam in just 6 months?

Ans. Yes, a candidate can qualify the CGL exam with just 6 months of preparation. SSC CGL is an excellent opportunity for candidates and requires a systematic preparation strategy to get a good score. Candidates appearing for this exam must keep abreast with SSC CGL Exam Pattern and syllabus. They should refer to relevant SSC CGL Study materials related to the topics in the exam.

Q.2. Which newspaper is best to read for SSC CGL preparation?

Ans. To prepare for SSC CGL Current Affairs section, candidates can refer to the following newspapers: The Hindu, The Times Of India and The Hindustan Times. All these are daily newspapers in the English language. For SSC CGL English Preparation, candidates can check important SSC CGL Books for English here

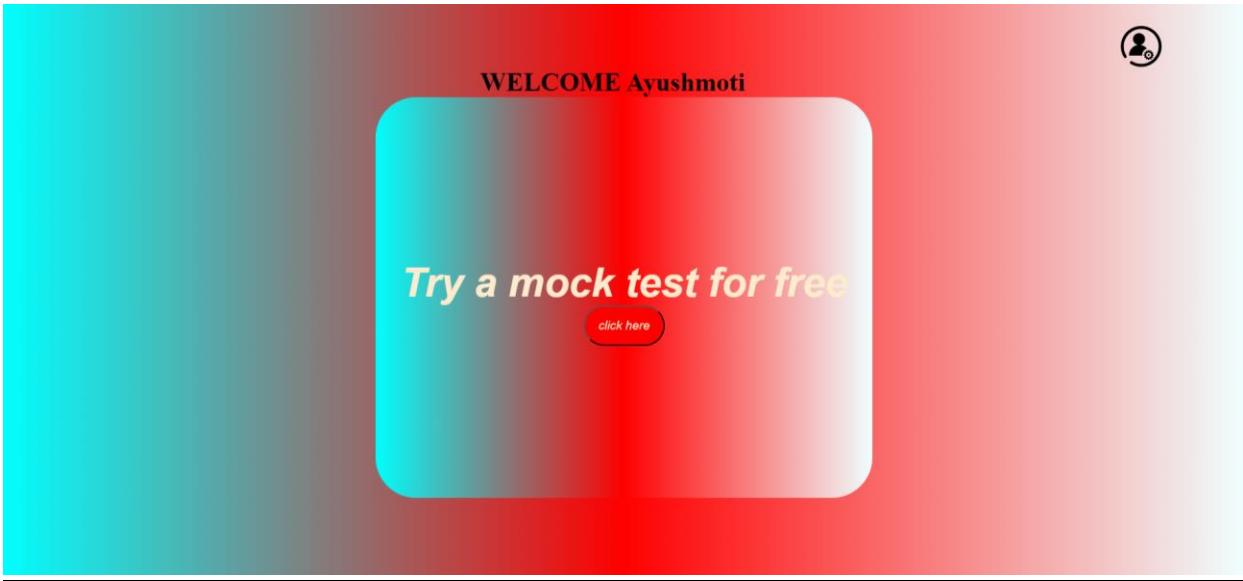
Q.3. Is maths compulsory in SSC CGL exam?

Ans. Yes, there is a separate section of Quantitative Aptitude in Tier I and Tier II exam of SSC CGL. The important topics in the quantitative aptitude section and the best books for SSC CGL Maths preparation are given in the SSC CGL preparation page.

Q.4. What is the negative marking scheme in the SSC CGL exam?

Ans. 0.25 marks will be deducted for wrong attempts in the SSC CGL examination.

ACCOUNT.PHP



```
<?php
    session_start();
?>
<html>
<head>
    <link rel="stylesheet" href="style7.css">
</head>
<body>
<div class="container">
    <div class="image">
        
    </div>
<?php
    echo'<h1><marquee>';
    echo'WELCOME '.$_SESSION['name'];
    echo'</h1></marquee>';
?>
```

```
<center>
<div class="center">
<h1>Try a mock test for free</h1>
<button>
<a href="http://localhost/xampp/finalproject/exam1.php">click here</a>
</button>
</div>
</center>
</div>
</body>
</html>

STYLE SHEET

*{
    margin: 0;
    padding: 0;
}

.image img{
    padding-left: 90%;
    padding-top: 2%;}

.container{
    background-image: linear-gradient(to right, aqua, red, azure);
    height: 100%;
    width: 100%;

}

.center{
    padding-top: 200px;
```

```
width:40%;  
height:40%;  
background-image: linear-gradient(to right,aqua,red,azure);  
border-radius:50px;  
}  
  
.center h1{  
font-style: italic;  
font-family:sans-serif;  
font-size: 50px;  
color: blanchedalmond;  
}  
  
.center button{  
border-radius: 50px;  
align-items: center;  
width: 100px;  
height: 50px;  
background-color: red;  
font-style: oblique;  
}  
  
.center button a{  
text-decoration: none;  
font-size: 15px;  
color: blanchedalmond;  
}
```

EXAM1.PHP

3 60 9 9

EXAM1

Q1.In a row of girls, position of Shreya from left side of the row is 11th and Aishwarya from the rightside of the row is 17th. If Reema is sitting just in the middle of Shreya and Aishwarya and her position from Shreya is 5th, then how many girls are sitting in the row?

- i. 35
- ii. 37
- iii. 26
- iv. 29
- v. 31

Directions Q. (2-3): Read the following information carefully and answer the questions that follow:

'A * B' means 'A is the mother of B'
'A x B' means 'A is the father of B'
'A + B' means 'A is the sister of B'
'A - B' means 'A is the brother of B'
'A > B' means 'A is the son of B'
'A less than B' means 'A is the daughter of B'

Q. (2) In the expression 'P x Q + Y > Z', how is Z related to P?

- i. Daughter-in-law
- ii. Daughter

<html>

 <head>

 <title>firstexam</title>

 <link rel="stylesheet" href="pagest.css">

 <script type="text/javascript">

```
var i=300;
```

```
function countdown()
```

```
{
```

```
    mydate= new Date();
```

```
    document.form.hr.value=mydate.getHours();
```

```
    document.form.min.value=mydate.getMinutes();
```

```
    document.form.sec.value=mydate.getSeconds();
```

```
    document.form.box.value=i;
```

```
i=i-1;
```

```
        if(i== -1)
        {
            alert('Time Up');
            clearInterval(myinterval);
        }

    }
myinterval= window.setInterval("countdown()",1000);
</script>

</head>
<body >
<div class="timer">
<form name="form">
    <input type="text" name="hr" size="2">
    <input type="text" name="min" size="2">
    <input type="text" name="sec" size="2">
    <input type="text" name="box" size="2">
</form>
</div>

<div class="bg5">
    <h1>EXAM1</h1>
<form name="exam">
    <br>
```

<p>Q1.In a row of girls, position of Shreya from left side of the row is 11th and Aishwarya from the rightside of the row is 17th. If Reema is sitting just in the middle of Shreya and Aishwarya and her position from Shreya is 5th, then how many girls are sitting in the row?</p>

- <input type="radio" name="question1" value="35"> 35
<input type="radio" name="question1" value="37"> 37
<input type="radio" name="question1" value="26"> 26
<input type="radio" name="question1" value="39"> 29
<input type="radio" name="question1" value="31"> 31
-

<p>Directions Q. (2-3): Read the following information carefully and answer the questions that follow:</p>

<p>'A * B' means 'A is the mother of B'</p>

<p>'A x B' means 'A is the father of B'</p>

<p>'A + B' means 'A is the sister of B'</p>

<p>'A - B' means 'A is the brother of B'</p>

<p>'A > B' means 'A is the son of B'</p>

<p>'A less than B' means 'A is the daughter of B'</p>

<p>Q. (2) In the expression 'P x Q + Y > Z', how is Z related to P?</p>

- <input type="radio" name="question2" value="1"> Daughter-in-law

- <input type="radio" name="question2" value="2"> Daughter

- <input type="radio" name="question2" value="3"> Wife

- <input type="radio" name="question2" value="4"> Sister

- <input type="radio" name="question2" value="5"> Brother

<P>Q. (3) In the expression ‘ $X + Y > M - N$ ’, how is X related to N?</P>

- <input type="radio" name="question3" value="1">Son
- <input type="radio" name="question3" value="2"> Daughter
- <input type="radio" name="question3" value="3"> Nephew
- <input type="radio" name="question3" value="4"> Niece
- <input type="radio" name="question3" value="5">Mother

<p>Directions Q. (4-5): In these questions, the relationship between different elements is shown in the statements. The statements are followed by two conclusions. Mark your answer as:</p>

<p>a If only conclusion I is true</p>

<p>b If only conclusion II is true</p>

<p>c If either conclusion I or II is true</p>

<p>d If neither conclusion I nor II is true</p>

<p>e If both the conclusions I and II are true.</p>

<p>Q. (4) Statement: $A > B \geq C$; D less than B less than E</p>

<p>Conclusions:</p>

<p>I. $A > D$ </p>

<p>II. C less than E</p>

- <input type="radio" name="question4" value="a">a
- <input type="radio" name="question4" value="b">b
- <input type="radio" name="question4" value="c">c
- <input type="radio" name="question4" value="d">d

<input type="radio" name="question4" value="e">e

<p>Q.(5) Statement: P less than Q = O \geq N > M</p>

<p>Conclusions:</p>

<p>I. Q > M</p>

<p>II. P less than N</p>

- <input type="radio" name="question5" value="a">a
- <input type="radio" name="question5" value="b">b
- <input type="radio" name="question5" value="c">c
- <input type="radio" name="question5" value="d">d
- <input type="radio" name="question5" value="e">e

<p>Directions Q. (6-7): Read the following statement carefully and answer the question given below.

Point Q is 6 metres towards the North of point P.

Point T is 10 metres towards the East of point Q.

Point R is 7 metres towards the East of point P.

Point S is 11 metres towards the West of point R.</p>

<p>Q. (6) How far should one walk from point P in order to reach point S?</p>


```
<li><input type="radio" name="question6" value="6">7</li>
<li><input type="radio" name="question6" value="4">4</li>
<li><input type="radio" name="question6" value="8">8</li>
<li><input type="radio" name="question6" value="11">11</li>
<li><input type="radio" name="question6" value="9">9</li>
```

```
</ol>
```

<p>Q. (7) If a person walks 6 metres South from the point T and then walks after taking a right turn, which of the following points would he reach first?</p>

```
<ol>
<li><input type="radio" name="question7" value="a">P</li>
<li><input type="radio" name="question7" value="b">Q</li>
<li><input type="radio" name="question7" value="c">R</li>
<li><input type="radio" name="question7" value="d">S</li>
<li><input type="radio" name="question7" value="e">None of the above</li>
```

```
</ol>
```

<p>Directions Q. (8): In each of the following questions, a question is followed by two statements. You have to select a statement that answers the question. Mark your answer as:</p>

<p>a-If the data in statement I alone is sufficient to answer the question while the data in statement II alone is not sufficient to answer the question.</p>

<p>b- If the data in statement II alone is sufficient to answer the question while the data in statement I alone is not sufficient to answer the question.</p>

<p>c- If the data either in statement I alone or in statement II alone is sufficient to answer the question.</p>

<p>d- If the data in both statements I and II together are not sufficient to answer the question.</p>

<p>e- If the data in both statements I and II together are necessary to answer the question.</p>

<p>(8) Six girls A, B, C, D, E and F are sitting around a circular table with an equal distance between them. If all the girls are facing the centre, then who is sitting opposite to F?</p>

<p>Statements:</p>

<p>I. F is sitting between A and D while E is sitting adjacent to B and D.</p>

<p>II. A is adjacent to both F and C while B is sitting adjacent to C.</p>

<input type="radio" name="question8" value="a">a

<input type="radio" name="question8" value="b">b

<input type="radio" name="question8" value="c">c

<input type="radio" name="question8" value="d">d

<input type="radio" name="question8" value="e">e

<p>Directions Q. (9-11): What will come in place of (?) in the given series?</p>

<p>Q. (9) 22, 23, 27, 36, 52, 77, (?)</p>


```
<li><input type="radio" name="question9" value="a">92</li>
<li><input type="radio" name="question9" value="b">96</li>
<li><input type="radio" name="question9" value="c">113</li>
<li><input type="radio" name="question9" value="d">117</li>
<li><input type="radio" name="question9" value="e">120</li>

</ol>
<p>Q. (10) 5, 30, 185, 1300, (?), 93650</p>
<ol>
<li><input type="radio" name="question10" value="a">10200</li>
<li><input type="radio" name="question10" value="b">10405</li>
<li><input type="radio" name="question10" value="c">5450</li>
<li><input type="radio" name="question10" value="d">7800</li>
<li><input type="radio" name="question10" value="e">7650</li>

</ol>

<center>
<input type="submit" onclick="check()">
</center>
</form>
</div>

<script language="javascript">
function check()
{

```

```
var count=0;  
var valid=0;  
var per;  
var a1=document.exam.question1;  
var a2=document.exam.question2;  
var a3=document.exam.question3;  
var a4=document.exam.question4;  
var a5=document.exam.question5;  
var a6=document.exam.question6;  
var a7=document.exam.question7;  
var a8=document.exam.question8;  
var a9=document.exam.question9;  
var a10=document.exam.question10;
```

```
for(var i=0;i<a1.length;i++)  
{  
    if(a1[i].checked)  
    {  
        valid=valid+1;  
        if(a1[i].value=="37")  
            count+=1;  
        else  
            count-=0.25;  
    }  
}
```

```
if(a2[i].checked)
{
    valid=valid+1;
    if(a2[i].value=="3")
        count+=1;
    else
        count-=0.25;
}
if(a3[i].checked)
{
    valid=valid+1;
    if(a3[i].value=="2")
        count+=1;
    else
        count-=0.25;
}

if(a4[i].checked)
{
    valid=valid+1;
    if(a4[i].value=="e")
        count+=1;
    else
        count-=0.25;
}
```

```
if(a5[i].checked)
{
    valid=valid+1;
    if(a5[i].value=="e")
        count+=1;
    else
        count-=0.25;
}
if(a6[i].checked)
{
    valid=valid+1;
    if(a6[i].value=="4")
        count+=1;
    else
        count-=0.25;
}

if(a7[i].checked)
{
    valid=valid+1;
    if(a7[i].value=="c")
        count+=1;
    else
        count-=0.25;
}
if(a8[i].checked)
```

```
{  
    valid=valid+1;  
    if(a8[i].value=="e")  
        count+=1;  
    else  
        count-=0.25;  
}  
if(a9[i].checked)  
{  
    valid=valid+1;  
    if(a9[i].value=="c")  
        count+=1;  
    else  
        count-=0.25;  
}  
if(a10[i].checked)  
{  
    valid=valid+1;  
    if(a9[i].value=="c")  
        count+=1;  
    else  
        count-=0.25;  
}  
}  
  
per=((count/10)*100);
```

```

if(per>=80 && valid==10)
window.location.replace("http://localhost/xampp/finalproject/prepaymen
t.php");
else if(valid<5)
    alert('Please answer all questions');
else
    alert(per+"% Try Again");
}
</script>
</body>
</html>

```

PREPAYMENT.PHP

CONGRATULATIONS

You passed the exam

BUY A PACKAGE AND LEARN MORE

package name	Duration
SSC Exam	3 Monthes

Enter Username

Enter Password

| ⌂ ...

```

<html>
<head><link rel="stylesheet href="style4.css"></head>

```

```
<body bgcolor="azure">
<div class="bg3">
    <h2>CONGRATULATIONS</h2>
    <h3>You passed the exam</h3>
    <marquee>BUY A PACKAGE AND LEARN MORE</marquee>
</div>
<div class="bg4">
    <center>
        <table border="1">
            <tr>
                <td>package name</td>
                <td>Duration</td>
            </tr>
            <tr>
                <td>SSC Exam</td>
                <td>3 Monthes</td>
            </tr>
        </table>
        <form action="check1.php" method="post">
            <label>Enter Username</label>
            <input type="text" name="uname" id="u1">
            <br>
            <label>Enter Password</label>
            <input type="password" name="pass" id="p1">
            <br>
        </form>
    </center>
</div>
```

```
<input type="submit"></form></center></div></body></html>
```

CHECK1.PHP

```
<html>
<head>
</head>
<body>
<?php
$cons=new mysqli("localhost","root","","","project");
if(!$cons)
{
    die('Unable to connect:' . $cons->connect_error);
}
$id=$_POST['uname'];
$pass=$_POST['pass'];
$result=mysqli_query($cons,"select * from login where
Customer_id='".$id."' and Password='".$pass."'");
if(mysqli_num_rows($result))
{
?>
<script type="text/javascript">
window.location.replace("http://localhost/xampp/finalproject/index.php")
;

</script>

<?php }
```

```
else
    echo ' No record found';
?>
</body></html>
```

STYLE SHEET

```
*{
    margin-left: inherit;
    margin-right: inherit;
    margin-top: 20px;
}

.bg {
    background-color: aqua;
    font-family: sans-serif;
    font-style: italic;
}

.bg2{
    padding-left: 50px;
    padding-right: 50px;
}

.bg2 button{
    border-radius: 50px;
    align-items: center;
    width: 100px;
    background-color: bisque;
    font-style: oblique;
```

```
}

.bg2 a{
    text-decoration: none;
}

.bg3 h2{
    text-align: center;
    font-size: 60;
    color: black;
    font-style: italic;
}

.bg3 h3{
    font-size:40;
    font-style: italic;
    text-align: center;
    color: coral;
}

.bg3 marquee{
    font-size: 40;
    text-align: center;
}

.bg4{
    padding-left: 20px;
    padding-left: 20px;
    width:50%;
    border-radius: 25px;
```

```
background-color:coral;  
align-items: center;  
width: 900px;  
}
```

INDEX.PHP

The screenshot shows a 'Confirm Your Payment' form. It includes fields for 'Package Name' (dropdown), 'Amount' (text input), and 'Time duration' (text input). Below these are fields for 'CardNumberCVV' (text input) and 'Card Issuer' (dropdown). An 'Expiry Date' field shows 'Jan' and '2021'. To the right are logos for MasterCard, VISA, and AMERICAN EXPRESS. A 'Select card type' section has radio buttons for 'Credit' and 'Debit'. At the bottom is a 'CONFIRM PAYMENT' button.

```
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <title>Payment Form</title>  
    <link rel="stylesheet" href="style3.css">  
    <script type="text/javascript">  
        document  
        function check_cardnumber()  
        {  
            var str=document.form1.cnum.value;  
            var issue=document.form1.issuer.value;
```

```
str= str.replace(/[\s-]/g, ");  
if (!/^\\d+$/\\.test(str))  
    return false;  
if(issue===='visa')  
    return /\\^4(\\d{12}|\\d{15})$/.test(str);  
else if(issue===='master')  
    return /\\^5[1-5]\\d{14}$/.test(str);  
else  
    return /\\^3[47]\\d{13}$/.test(str);  
  
}  
function check_cvv()  
{  
    var str=document.form1.cvv.value;  
    str = str.replace(/\\s/g, ");  
    if (!/^\\d+$/\\.test(str))  
        return false;  
    if(!/^\\d{3}$/.test(cvv))  
        return false;  
}  
function put_amt()  
{  
    let dropdown = document.querySelector('#po');  
    let amount = document.querySelector('#p1');  
    let duration=document.querySelector('#p2');  
    let selected_value=dropdown.value;
```

```
if(selected_value=="T1")
{
    amount.value="2500";
    duration.value="3 months";
}
}

function check_card_details()
{
    if(!check_cvv())
        alert("Enter CVV in proper format");
    if(!check_cardnumber())
        alert("Enter card number in proper format");
}

</script>
</head>
<body>
<form name="form1" action="postpayment.php" method="post">
<div class="container">
    <h1>Confirm Your Payment</h1>
    <div class="first-row">
        <div class="selection">
            <h3>Package Name</h3>
            <select name="pack" id="po" onchange="put_amt()" required>
                <option value="To"> </option>

```

```
<option value="T1">SSC CGL tutorial</option>
</select>
</div>
</div>
<div class="second-row">
    <div class="amount">
        <h3>Amount</h3>
        <div class="input-field">
            <input type="text" id="p1" name="n1" required>
        </div>
    </div>
    <div class="duration">
        <h3>Time duration</h3>
        <div class="input-field">
            <input type="text" id="p2" name="n2" required>
        </div>
    </div>
</div>

<div class="third-row">
    <div class="card-number">
        <h3>CardNumber</h3>
        <div class="input-field">
            <input type="text" id="p3" name="cnum"
onchange="check_cardnumber()"required>
```

```
</div>
</div>
<div class="cvv">
  <h3>CVV</h3>
  <div class="input-field">
    <input type="password" id="p2" name="cvv"
    onchange="check_cvv()" required>
  </div>
</div>
<div class="Issuer">
  <h3> Card Issuer</h3>
  <select name="issuer" id="p3" required>
    <option value="none"> </option>
    <option value="master">Mastercard</option>
    <option value="visa">Visa</option>
    <option value="Amex">American Express</option>
  </select>
</div>

</div>
<div class="fourth-row">
  <h3>Expiry Date</h3>
  <div class="selection">
    <div class="date">
      <select name="months" id="months" required>
        <option value="Jan">Jan</option>
```

```
<option value="Feb">Feb</option>
<option value="Mar">Mar</option>
<option value="Apr">Apr</option>
<option value="May">May</option>
<option value="Jun">Jun</option>
<option value="Jul">Jul</option>
<option value="Aug">Aug</option>
<option value="Sep">Sep</option>
<option value="Oct">Oct</option>
<option value="Nov">Nov</option>
<option value="Dec">Dec</option>
</select>
<select name="years" id="years" required>
<option value="2020">2021</option>
<option value="2019">2022</option>
<option value="2018">2023</option>
<option value="2017">2024</option>
<option value="2016">2025</option>
<option value="2015">2026</option>
</select>
</div>
<div class="cards">



</div>
```

```
</div>

<div class="select card">
    <h3>Select card type</h3>
    <input type="radio" name="in" value="credit">Credit
    <input type="radio" name="in" value="debit">Debit

</div>
</div>
<div class="confirm">
    <input type="submit" onclick="check_card_details()" value="CONFIRM PAYMENT"/>
</div>
</div></form></body></html>
```

STYLESHEET

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
}

body{
    width: 100%;
    height: 100vh;
    display: flex;
    justify-content: center;
```

```
    align-items: center;
    background-color: azure;
}
.container{
    width: 750px;
    height: 500px;
    border: 1px solid;
    background-color: white;
    display: flex;
    flex-direction: column;
    padding: 40px;
    justify-content:space-around;
}
.container h1{
    text-align: center;
}
.first-row{
    display: inline-flex;
}
.second-row{
    display: flex;
}
.third-row{
    display:inline-flex;
    width: 100%;
    height: 100%;
```

```
justify-content: space-between;  
margin-left: 10px;  
}
```

```
.third-row input{  
width:100%;  
padding-left: 10px;  
}
```

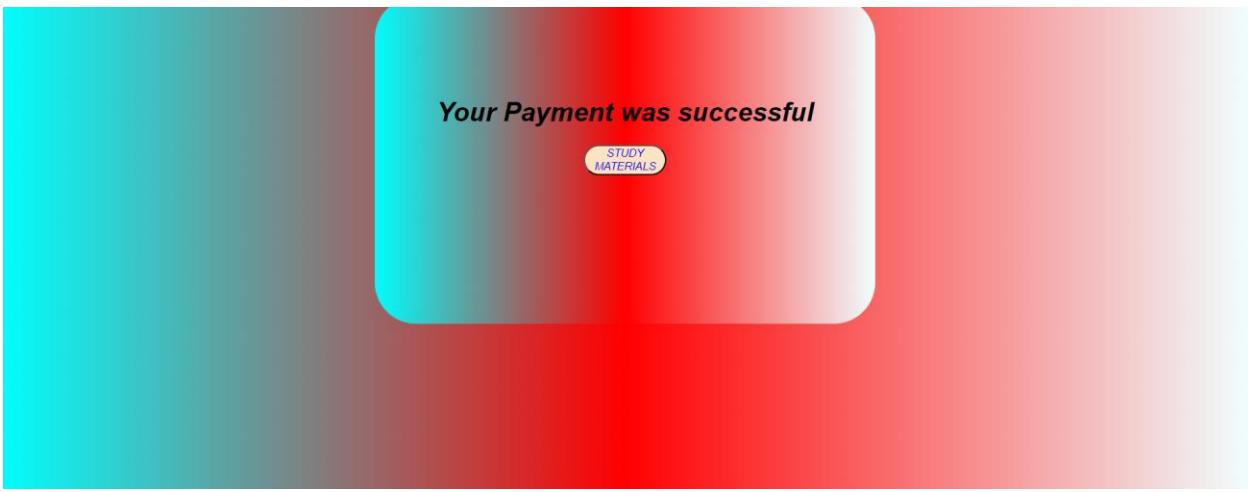
```
.third-row select{  
padding: 10px 20px;  
}  
.amount{  
width: 100%;  
margin-right: 60px;;  
}  
.duration{  
margin-left: 20px;  
}
```

```
.input-field{  
border: 1px solid #999;  
}
```

```
.input-field input{  
width: 100%;  
border:none;
```

```
outline: none;  
padding: 10px;  
}  
.selection{  
display: flex;  
justify-content: space-between;  
align-items: center;  
}  
.selection select{  
padding: 10px 20px;  
}  
.confirm {  
text-align: center;  
text-transform: uppercase;  
text-decoration: none;  
padding: 10px;  
font-size: 25px;}  
  
.cards img{  
width: 100px;}
```

POSTPAYMENT.PHP



```
<?php
    session_start();
?>
<html>
<head>
<link rel="stylesheet" href="style4.css">
<body bgcolor="azure">
<div class="bg">
<?php
    $connection=new mysqli("localhost","root","","project");
    if($connection->connect_error)
        die('unable to connect:'.$connection->connect_error);
    $result=mysqli_query($connection,"select * from package_purchased");
    $rows=mysqli_num_rows($result);
```

```
$rows=$rows+1;//sno
$pid='Package'.'.$rows;
$date=date("d-m-Y");
$mid=$_SESSION['cid'];
if($rows!=0){
    $sqlquery="Insert into
package_purchased(Candidate_id,Package_id,Mop,Pay_date,Slno)values(
$mid','$pid','".$_POST[in]','$date',$rows)";

    if($connection->query($sqlquery)==true)
    {
        echo'<h1>';
        echo 'Your payment is successful';
        echo'</h1>';
    }
    else
    {
        echo "error".$connection->error;
    }
}
else{
    echo 'Some error is happening and data cannot be inserted';
}
?>
</div>
```

```
<div class="bg2">
<button ><a href="section1.php">STUDY MATERIALS</a></button>
</div>
</body> </head></html>

STYLE SHEET

*{
    margin-left: inherit;
    margin-right: inherit;
}

body{
    background-image: linear-gradient(to right,aqua,red,azure);
    font-family: sans-serif;
    font-style: italic;
    height: 100%;
    width:100%;
}

.bg{
    padding-top: 100px;
    text-align: center;
    width:40%;
    height:40%;
    background-image: linear-gradient(to right,aqua,red,azure);
    border-radius:50px;
}

.bg2{
```

```
padding-left: 50px;  
padding-right: 50px;  
}  
  
.bg2 button{  
border-radius: 50px;  
align-items: center;  
width: 100px;  
background-color: bisque;  
font-style: oblique;  
  
}  
  
.bg2 a{  
text-decoration: none;  
}
```

SECTION1.PHP

This section consists of three topics-

1. General Intelligence and Reasoning
2. General Awareness
3. Quantitative Aptitude



- o Statement and Conclusions
- o Seating Arrangements
- o Data Sufficiency
- o Reasoning Analogies
- o Order & Ranking
- o Governors in India
- o Members of Parliament
- o Members of Lok Sabha
- o List of Arjuna Award Winners
- o FIFA World Cup Winners List
- o Fathers Of Various Fields

| ⏪ ...

Shortcut Tricks Of Squares, Cubes And Multiplication For Bank Exams

Shortcut Tricks For Squares, Cubes And Multiplication

Candidates should be fully aware of the shortcut tricks for cubes, squares, square roots, cube roots and multiplication.



Check the tricks stated below:

Tricks for calculating Square

Type 1: For numbers between 80 to 100 assume that the base is 100. Since, there are two zeros in the base, up to two digits will be added.

Example: Find the square of 97.

Here the base is 100

Top Tips To Solve Quadratic Equations In Bank Exams

Quadratic equation is one of the most complex and tricky parts of Quantitative Aptitude in the Bank PO and clerk exams where candidates generally make silly mistakes if they do not focus during their bank exam preparation.

Table of Contents:

1. Quadratic Equation – Basic Concept
2. Weightage of Quadratic Equation in Bank Exams
3. Stepwise Tips to practice a Quadratic Equation
4. Top 3 Tips to solve Quadratic Equations in Bank Exams
5. Quadratic Equation Sample Questions for Bank Exams

As a result, there are some tricks and strategies which are essential to solve a quadratic equation. Bank exams require accuracy in the allotted time during the main exam so shortcut tricks are important for an aspirant to quickly solve a particular bank exam question.

Quadratic Equation – Basic Concept

The quadratic equations are one of the most commonly asked questions in the bank examinations. Mostly questions from this topic are asked in the form of inequalities in the first phase of the exam and also helps in various other word problems which can be solved by forming equations.

Candidates who are preparing for the upcoming bank exams 2022 must dedicate quality time in understanding and solving more and more quadratic equation-based questions so that they develop a command over solving such questions and do not spend too much time with questions from this topic.

Weightage of Quadratic Equation in Bank Exams

Priority	Nature of expected questions	Weightage
1	Maintaining accuracy, problems that can be solved easily, easy to manage time, scoring in nature 0-5	

Stepwise Tips to practice a Quadratic Equation

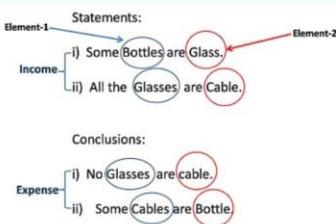
- Firstly the candidate needs to note down twenty sums related to the quadratic equation on a page.
- Then ten sums are to be solved using basic formula.
- To solve these sums using a stopwatch will help in time management.
- The next step is to evaluate the time taken and analyse the performance.
- The remaining ten questions are to be solved next by applying the shortcut tricks.
- The time taken should be noted carefully.
- This will ensure have a difference from the time taken while solving the first ten questions.

The Statement and conclusions topic in the logical reasoning section of the Government exams is one of the most tricky concepts. The questions from this topic are complex to answer because of the similar options provided for each question. Mostly 3-5 questions from this topic are asked in the various Government exams, and aspirants can answer the questions correctly only if answered strategically and carefully. To assist candidates with understanding the Statements and conclusions concept, in this article, we shall talk at length about this topic, along with tips to answer such questions, followed by some sample statement and conclusion questions. The statement and conclusion topic is most frequently asked in Government exams including Bank, SSC, RRB, Insurance, etc.

Statement & Concept

Questions from the statement and conclusions topic comprise a statement followed by a set of conclusions for the same. Candidates need to choose the most appropriate conclusion regarding the statement given.

Mostly the biggest mistake which is made by candidates while solving the statement-conclusion questions is that they make assumptions while answering questions which ultimately leads to marking the incorrect option as a conclusion for the given statement.



Q 5.

Statement: To encourage students to become more active, healthy and fit, the school took up an initiative to have one class dedicated to sports every day. This will also increase the interest of candidates in sports

Conclusion I: The step has been taken keeping in mind the physical and mental health of the students

Conclusion II: The school is looking for suitable students to compete in the inter-school Cricket competition

1. Only conclusion I follow
2. Only conclusion II follows
3. Both conclusion I and II follow
4. Neither conclusion I nor II follows
5. Either conclusion I or II follow



Q 6.

Statement: The demand for modern art and paintings has increased in the market. People are looking for unique paintings and art pieces to enhance the interiors of their house and offices.

Conclusion I: Presentation and ambience are very important as they create the first impression

Conclusion II: The liking of people in terms of art is modernising

1. Only conclusion I follow
2. Only conclusion II follows

SEATING ARRANGEMENT

Seating arrangement questions are the most common problem types in all entrance exams containing the Logical Reasoning section. These concepts involve the arrangement of objects/ people in many possible ways.

The advantages of attempting the seating arrangement questions in the examination are one question of seating arrangement is followed by five to six subquestions.

Hence, fetching more marks by solving one single question.

Following is the list of entrance exams where candidates can find the seating arrangement topic very often:

List of Competitive Govt Exams

SBI PO	Railway Recruitment Board Assistant Loco Pilot (ALP)
SBI Clerk	Staff Selection Commission (SSC)
SBI SO	CISF
CAPF	IBPS PO
IBPS Regional Rural Banks (RRB)	IBPS SO
RBI Grade B	IBPS Clerk
Railway Recruitment Board (NTPC)	AFCAT



DATA SUFFICIENCY FOR GOVERNMENT EXAMS

Data Sufficiency is one of those few topics which is a part of both the reasoning ability and quantitative aptitude section. Most Government exams conducted in the country have data sufficiency as a common topic in their syllabus.

The biggest mistake that candidates tend to make while solving the data sufficiency questions is that they choose to guess rather than solve such questions, ultimately losing marks.

In this article, we bring to you data sufficiency questions for reasoning ability with respect to both maths and logical reasoning questions and also tips and tricks to solve them.

Table of Contents:

1. Tips and Tricks To Solve Data Sufficiency Questions
2. Data Sufficiency for Reasoning
3. Data Sufficiency Reasoning – Solved Examples
4. Data Sufficiency for Quantitative Aptitude
5. Data Sufficiency Quantitative Aptitude – Solved Examples

What is Data Sufficiency?

In questions based on Data Sufficiency, candidates are given a piece of information followed by a few conditions and then a few options where they have to answer which of the given conditions shall be necessary to answer the question.

As complicated as it may seem, the data sufficiency questions may be time taking at times because of their length and multiple options. Candidates need to ensure that they do not panic seeing the length of the question and guess the answer to the questions.

Tips and Tricks To Solve Data Sufficiency Questions

There are a few tips and tricks which can be followed to solve the data sufficiency questions. Candidates can refer to these tips given below:

1. Since the questions are lengthy, candidates must not panic and carefully read the entire question. At times, the different data sufficiency questions can also be solved verbally, especially for the quantitative aptitude questions

Reasoning Analogy – Concept & Basics

Before solving the questions, an aspirant must understand the concept of analogy. An analogy is a word used in terms of comparing two things or finding a relation between two things.

Similarly, in questions related to Analogy in reasoning, options are given, which may or may not be associated with each other and candidates need to find the odd option out.

The analogy questions may be asked in various forms. Given below are the type of questions asked for analogies:

- o Numerical Analogy (Odd One Out) – A set of options may be given based on a certain pattern, and one of them may be unlikely to follow the pattern and candidates need to choose the odd one out
- o Numerical Analogy (Choose a similar pair) – An analogy may be given in the question and candidates may have to find a similar analogy, based on the same pattern from the given options
- o Alphabetical/Word Analogy (Odd One Out) – Options for different word analogy may be given, in which one may not be following the set pattern, candidates need to find that odd one out from the given options
- o Alphabetical/Word Analogy (Choose a similar pair) – An analogy may be given based on a set pattern and candidates may have to find the word analogy pair from the given options, which follows the exact same pattern

TIPS & TRICKS TO SOLVE REASONING ANALOGY

Given below are a few tips which may help you prepare for the reasoning analogy questions and also help you solve the questions faster:

- o The first thing to solve an analogy question is to judge the pattern that is being followed in the given analogy.
- o If a candidate is unable to analyse the pattern followed, he/she must refer to the options given. It shall simply analysing the pattern.
- o For numerical questions, squares, cubes, multiplication, addition, etc. based patterns may be followed. So ensure that you recheck these pattern as well.
- o It is easy to score marks in questions based on analogy as they are direct and not very complicated.
- o Having knowledge of basic static GK shall also be important for these questions.

SOLVED EXAMPLES – REASONING ANALOGY

Given below are a few sample questions on reasoning analogy based on the latest pattern and considering the type of questions which may be asked.

Q 1. From the given options, find the pair which is similar to the given pair: 8:4

1. 27:9
2. 216:32
3. 72:24

RANKING AND ORDERING ARRANGEMENTS

Ranking and order is an important topic of banking question paper under logical reasoning section; it involves an arrangement of position or ranks of an object or a person either from left to right or top to bottom.

It involves the usage of a few tips and tricks learned in the seating arrangement. Use of simple shortcut tricks is sufficient to crack ranking and order in a few seconds in the banking question paper.

An orderly arrangement of books

Not only the banking question paper but other exams also have questions related to ranking and ordering. the list of exams that ask such question are listed below:

1. UPSC CAPP
2. Regional Rural Banks
3. IBPS Specialist Officer
4. Staff Selection Commission
5. CISF
6. SBI PO
7. SBI Clerk
8. SBI SO
9. IBPS PO
10. IBPS Clerk

List of topics:

1. Introduction to Ranking
2. Exams list
3. Steps to solve the questions
4. Seven rules to remember.
5. Solved examples

SECTION2.PHP

This Section consists of three topics-

1. English Language and Comprehension
2. Statistics
3. Economics and Governance
 - o List Of Synonyms and Antonyms
 - o List of One Word Substitutions
 - o Idioms And Phrases



SYNOMYS AND ANTONYMS

Candidates tend to lose marks in the English section if their vocabulary is not up to the mark. The usage of Synonyms and Antonyms is essential in day to day communication as well. Hence, we are providing the list of Synonyms and Antonyms containing more than 400 English synonym and antonym words.

SYNOMYS AND ANTONYMS – MEANINGS

Before learning various words of synonyms and antonyms, let us first understand the meaning of both the words.

WHAT IS A SYNONYM?

A synonym is a word/phrase, the meaning of which is the same or nearly the same as another word or phrase. Words that are synonyms are described as synonymous.

Synonym examples:

- Artful – Crafty
- Ballot – Poll
- Chorus – Refrain
- Deceptive – Misleading
- Enormous – Immense

WHAT IS AN ANTONYM?

An antonym is a word/phrase that means the opposite of another word or phrase. Check the examples.

Antonym examples:

- Admire – Detest
- Bravery – Cowardice

Synonyms And Antonyms List

Words	Synonyms – Same Meaning	Antonyms – Opposites
Abate	Moderate, decrease	Aggravate
Adhere	Comply, observe	Condemn, disjoin
Abolish	Abrogate, annul	Setup, establish
Acumen	Awareness, brilliance	Stupidity, ignorance
Abash	Disconcert, rattle	Uphold, Discompose
Absolve	Pardon, forgive	Compel, Accuse
Abjure	Forsake, renounce	Approve, Sanction
Abject	Despicable, servile	Commendable, Praiseworthy
Abound	Flourish, proliferate	Deficient, Destitute
Abortive	Vain, unproductive	Productive
Acrimony	Harshness, bitterness	Courtesy, Benevolence
Accord	Agreement, harmony	Discord
Adjunct	Joined, Added	Separated, Subtracted
Adversity	Misfortune, calamity	Prosperity, Fortune
Adherent	Follower, disciple	Rival, Adversary
Adamant	Stubborn, inflexible	Flexible, Soft
Admonish	Counsel, reprove	Approve, Applaud
Allay	Pacify, soothe	Aggravate, Excite
Alien	Foreigner, outsider	Native, Resident

ONE WORD SUBSTITUTION IN ENGLISH LANGUAGE

What is One Word Substitution in English Language?

One word substitution is the use of one word in place of a wordy phrase in order to make the sentence structure clearer. The meaning, with the replacement of the phrase remains identical while the sentence becomes shorter.

One Word Substitution Example:

My friend drives me in a car around town. Using one-word substitution in this sentence would give something like this – My friend chauffeurs me around town.

To avoid confusion, we have categorized the list of one-word substitution into 8 categories:

Categories of one-word substitutions

- 1. Generic Terms
- 2. Government/Systems
- 3. Venue/Spots
- 4. Group/Collection

List Of One Word Substitution

One Word Substitution

An act of abdicating or renouncing the throne
An annual calendar containing important dates and statistical information such as astronomical data and tide tables
A cold-blooded vertebrate animal that is born in water and breathes with gills
A story, poem, or picture that can be interpreted to reveal a hidden meaning, typically a moral or political one
A statement or proposition on which an abstractly defined structure is based
A nation or person engaged in war or conflict, as recognized by international law

Generic terms

Abdication
Almanac
Amphibian
Allegory
Axiom
Belligerent

Government/System

Anarchy
Aristocracy
Autocracy
Autonomy

One Word Substitutes

A state of disorder due to absence or non-recognition of authority or other controlling systems
A form of government in which power is held by the nobility
A system of government by one person with absolute power
A self-governing country or region

IDIOMS AND PHRASES FOR THE ENGLISH SECTION

Candidates can go through the list of idioms and phrases given below. These are the phrases that are frequently asked in various competitive exams. Candidates are advised to download the pdf for more idioms and phrases and also by heart them if they are looking for a smooth ride in the English section.

IDIOMS AND PHRASES

- 1. **Decked up** – put on special clothes to appear particularly appealing and attractive
- 2. **Doing the rounds** – to be passed from one person to another
- 3. **Between the cup and the lips** – On the point of achievement
- 4. **A damp squib** – Complete failure
- 5. **Put off** – an evasive reply, to delay doing something, especially because you do not want to do it
- 6. **A dime a dozen** – Anything that is common and easy to get
- 7. **Cast iron stomach** – Someone who has no problems, complications or ill effects with eating anything
- 8. **A mare's nest** – A false invention
- 9. **Takes a beating** – to be damaged because of performing badly or being criticized
- 10. **A chip on your shoulder** – Being upset for something that happened in the past
- 11. **A toss-up** – A result that is still unclear and can go either way
- 12. **An iron hand** – By force
- 13. **A taste of your own medicine** – When you are mistreated the same way you mistreat others
- 14. **At the drop of a hat** – Willing to do something immediately
- 15. **A man of straw** – A weak person
- 16. **Bite your tongue** – To avoid talking
- 17. **An eyewash** – A pretence
- 18. **At sixes and sevens** – Persons who are having different opinions
- 19. **Bite off more than you can chew** – To take on a task that is way too big to handle
- 20. **Can't cut the mustard** – Someone who isn't adequate enough to compete or participate
- 21. **Call a spade a spade** – Straight talks
- 22. **Don't count your chickens before they hatch** – Don't rely on it until you are sure of it
- 23. **Dog days of summer** – The hottest day of the summer season
- 24. **Ever and anon** – Now and then, occasionally
- 25. **Field day** – An enjoyable day or circumstance
- 26. **Bits and Pieces** – small things of different types
- 27. **Kick the bucket** – Die
- 28. **Know the ropes** – To understand the details
- 29. **Latin and Greek** – Unable to understand

STYLESHEET(style5.css)

.ssc1{

border-top-style: solid;

border-top-color: blue;

border-top-width: 10px;;

margin-left: 35px;

```
margin-right: 35px;  
background-color: mintcream;  
  
}  
.ssc1 h1{  
font-size: 25px;  
text-align: center;  
text-transform: uppercase;  
font-style: oblique;  
color:darkslategray;  
}  
.ssc1 p{  
font-family:auto;  
font-size: 20px;  
font-style: none;  
}  
.ssc1 h2{  
font-size: 23px;  
color:darkslategray;  
font-weight: 600;  
}  
.ssc1 a{  
text-decoration: none;  
color: darkturquoise;  
}  
.ssc1 h3{
```

```
    font-size: 21px;  
    text-transform: uppercase;  
    color: darkslategray;  
}  
.ssc1 ul li{  
    align-items: center;  
    list-style: circle;  
}
```

```
.page button{  
    border-radius: 25px;  
    text-transform: uppercase;  
    width: 5%;  
    height: 5%;  
    color: black;  
}
```

EXAM2.PHP

3 50 44 8

EXAM2

Villages	Ratio (literate : illiterate)	Population
A	9:2	2354
B	4:1	2540
C	7:2	2709

Directions Q. (1-4): The table given below shows the ratio between literate and illiterate persons and the population of seven villages of a district. Study the table and select the most appropriate answers.

Q. (1) If 42% of the illiterates of village C are males, then what is the number of illiterate women in this village?

- i. 499
- ii. 544
- iii. 901
- iv. 1200

Q. (2) What is the difference between the number of literates in Village C and the number of illiterates in Village A?

- i. 1500
- ii. 1679
- iii. 1342
- iv. 230

Q. (3) If the ratio between males and females in the village G is 5:6 and 60% females in village G are illiterates, then how many males of this village are illiterate?

```
<html>
```

```
  <head>
```

```
    <title>secondexam</title>
```

```
    <link rel="stylesheet" href="pagestyle.css">
```

```
    <script type="text/javascript">
```

```
        var i=10;
```

```
        function countdown()
```

```
    {
```

```
        mydate= new Date();
```

```
        document.form.hr.value=mydate.getHours();
```

```
        document.form.min.value=mydate.getMinutes();
```

```
        document.form.sec.value=mydate.getSeconds();
```

```
        document.form.box.value=i;
```

```
        i=i-1;
```

```
if(i== -1)
{
    alert('Time Up');
    clearInterval(myinterval);
}

myinterval= window.setInterval("countdown()",1000);
</script>
</head>

<body >
<div class="timer">
<form name="form">
    <input type="text" name="hr" size="2">
    <input type="text" name="min" size="2">
    <input type="text" name="sec" size="2">
    <input type="text" name="box" size="2">
</form>
</div>
<div class="bg5">
    <h1>EXAM2</h1>
<form name="exam">
    <br>
    <table border="2"><tr>
        <td>Villages</td>
        <td>Ratio (literate : illiterate)</td>
    </tr>
</table>
</form>
</div>
```

Population		
A	9:2	2354
B	4:1	2540
C	7:2	2709

</table>

<p>Directions Q. (1-4):The table given bshows the ratio between literate and illiterate persons and the population of seven villages of a district. Study the table and select the most appropriate answers. </p>

<P>Q. (1) If 42% of the illiterates of village C are males, then what is the number of illiterate women in this

village?</P>

- <input type="radio" name="question1" value="1">499
- <input type="radio" name="question1" value="2">544
- <input type="radio" name="question1" value="3">901
- <input type="radio" name="question1" value="4">1200

<P>Q. (2)What is the difference between the number of literates in Village C and the number of illiterates in Village A? </P>

- <input type="radio" name="question2" value="1">1500
- <input type="radio" name="question2" value="2">1679
- <input type="radio" name="question2" value="3">1342
- <input type="radio" name="question2" value="4">230

<p> Q. (3)If the ratio between males and females in the village A is 11 : 8 and 60% females in village G

are illiterates, then how many males of this village are illiterate?</p>

- <input type="radio" name="question3" value="a">200
- <input type="radio" name="question3" value="b">252
- <input type="radio" name="question3" value="c">170
- <input type="radio" name="question3" value="d">380

<p>Q.(4) By what percentage is the number of literates in village B is more than the number of literates in village A? </p>

- <input type="radio" name="question4" value="a">80%
- <input type="radio" name="question4" value="b">60%
- <input type="radio" name="question4" value="c">82.5%
- <input type="radio" name="question4" value="d">50%

<p> Q. (5): What is the Antonym of Churn</p>

- <input type="radio" name="question5" value="1">Agitate
- <input type="radio" name="question5" value="2">Seethe
- <input type="radio" name="question5" value="3">Embed
- <input type="radio" name="question5" value="4">Heave

<center>
<input type="submit" onclick="check()">
</center>

```
</form>
</div>
<script language="javascript">
    function check()
    {

        var count=0;
        var valid=0;
        var per;
        var a1=document.exam.question1;
        var a2=document.exam.question2;
        var a3=document.exam.question3;
        var a4=document.exam.question4;
        var a5=document.exam.question5;
        for(var i=0;i<a1.length;i++)
        {
            if(a1[i].checked)
            {
                valid=valid+1;
                if(a1[i].value=="2")
                    count+=1;
                else
                    count-=1;
            }
            if(a2[i].checked)
            {

```

```
valid=valid+1;  
if(a2[i].value=="1")  
    count+=1;  
else  
    count-=1;  
}  
if(a3[i].checked)  
{  
    valid=valid+1;  
    if(a3[i].value=="d")  
        count+=1;  
    else  
        count-=1;  
}  
  
if(a4[i].checked)  
{  
    valid=valid+1;  
    if(a4[i].value=="c")  
        count+=1;  
    else  
        count-=1;  
}  
  
if(a5[i].checked)  
{
```

```
valid=valid+1;
if(a5[i].value=="2")
    count+=1;
else
    count-=1;
}

}
per=((count/5)*100);
if(per>=80 && valid==5)
{
window.location.replace("http://localhost/xampp/finalproject/section2.php");
}
else if(valid<5)
{
    alert('Please answer all questions');
}
else
{
    alert(per);
}

}
</script></body></html>
```

STYLE SHEET

```
.bg5{  
    position: relative;  
    top:2%;  
    left:40%;  
    height: 5vh;  
    transform:translate(-50%,-50%);  
    width:600px;  
    background-color:blue;  
    border-radius:10px;
```

```
}
```

```
.bg5 h1{  
    border-bottom:3px solid gold;  
    text-align: center;  
    font-style: italic;
```

```
}
```

```
.bg5 p{  
    font-family: Arial;  
    font-weight: 600;  
    font-size:30px;
```

```
}
```

```
.bg5 ol li{  
    list-style:lower-roman;  
    text-align:left;
```

```
    font-size: 25px;  
    font-weight: 500;  
}  
  
.timer form{  
    justify-items: flex-end;  
}  
  
.timer input{  
    border-radius: 10px;  
    font-family: cursive;}
```

CONCLUSION

This project that I undertook was truly a very rewarding experience for me in more than one way. It has given a big thrust to my technical knowledge as prospective web developer. It has also helped me enhance my skills on the personal front.

And I feel extremely satisfied by the fact that I have managed to develop the project completely. I think I have exploited the opportunity that came my way to the fullest extent by increasing my technical know-how and also gaining the valuable work experience apart from studying the other subjects in our curriculum.

BIBLIOGRAPHY

The following websites were used for reference:

- + [www.w3schools .com](http://www.w3schools.com)
 - + www.Youtube.com
 - + www.Stackoverflow.com
 - + www.php.net
 - + <https://developer.mozilla.org/>
-