YOUR WEEKLY DOSE OF KNOWLEDGE, OPPORTUNITY & SUCCESS

PATHA

Your Compass for a Better Career

DIRECTION
KNOWLEDGE
STRATEGY
PRACTICE
IMPROVEMENT
OPPORTUNITY

Vol. 1 Sep, 2026 ST. FRANCIS COLLEGE CAREER NEWSPAPER Issue No. 01

FROM THE DESK

The right information at the right time can change your future.

PATHA is your trusted companion to help you choose the right direction and achieve your career goals.

– Editorial Team

DID YOU KNOW?

WORLD

Which is the largest continent?

Answer: Asia

INDIA

Which is the highest civilian honour in India?

Answer: Bharat Ratna

WE SHOW YOU THE DIRECTION. YOU BUILD THE JOURNEY.



DIRECTION
Which career or exam is right for you?

KNOWLEDGE
What should you know and learn?

STRATEGY
How should you prepare effectively?

PRACTICE
Can you solve it quickly and accurately?

IMPROVEMENT
Where are you weak? How to get better?

OPPORTUNITY
What can you apply for? What's next?

PATHA — We help you find the direction.
You build the journey.

"A COMPASS DOESN'T TAKE YOU TO THE DESTINATION. IT GIVES YOU DIRECTION."

INSIDE THIS ISSUE

A COMPLETE GUIDE FOR A BRIGHTER TOMORROW

GOVERNMENT CAREER GUIDE
HOW TO SEARCH FOR A JOB?
MEMORY FLASH CHALLENGE
QUANTITATIVE APTITUDE
REASONING
ENGLISH FOR COMPETITIVE EXAMS
COMPUTER AWARENESS
BANKING AWARENESS
IMPORTANT DAYS



RIGHT DIRECTION TODAY, BRIGHT FUTURE TOMORROW.

YOUR DEGREE CAN BECOME A GOVERNMENT CAREER

From Classroom to Career - Start Preparing Today

Government employment is not only about securing a job; it is an opportunity to build a stable, responsible and respected career while contributing to society. For Karnataka college students, there are multiple pathways into public service through recruitment bodies such as the **Karnataka Public Service Commission (KPSC), Karnataka Examinations Authority (KEA)**, Karnataka State Police and other state departments. Recent 2026 recruitment activity illustrates the range of opportunities available: KPSC has announced **319 Gazetted Probationer posts** across Group A and Group B services, while KEA has conducted recruitment processes covering thousands of posts across Karnataka departments.

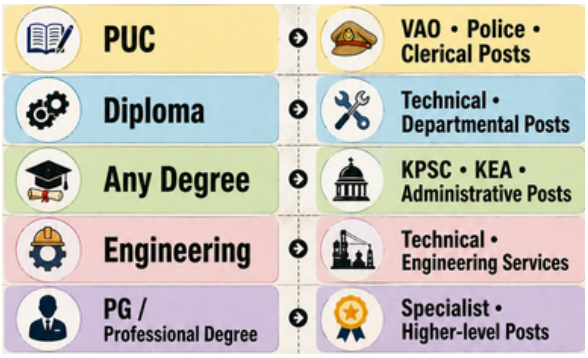
Your Government Career Starts Here!

Thousands of students prepare every year for government examinations. But successful candidates do one thing differently they prepare before the notification arrives.

If you are a **PUC, Diploma, Graduate or Postgraduate** student, Karnataka offers multiple career pathways through **KPSC, KEA, Karnataka Police, Education, Revenue, Health, Local Administration** and other government departments.

DON'T WAIT FOR THE NOTIFICATION!

Start preparing TODAY.



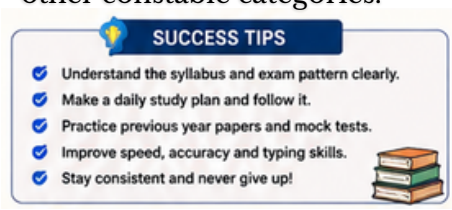
KNOW YOUR PATH

KPSC - Karnataka Public Service Commission

For graduates who dream of administrative and officer-level careers KPSC recruitment can open pathways into Karnataka's Group A and Group B services. The 2026–27 Gazetted Probationer recruitment, for example, covers posts in areas such as administration, commercial taxation, treasury, rural development and social welfare.

Karnataka State Police

For students interested in uniformed public service. The Karnataka State Police Recruitment portal handles recruitment for posts including Police Constable and various police services. The 2026 recruitment portal has listed recruitment activity for Special Reserve Police Constable and other constable categories.





KEA - Karnataka Examinations Authority

For candidates looking for diverse departmental opportunities. KEA conducts competitive recruitment examinations for various Karnataka Government organisations and departments. Recent recruitment activity has included opportunities such as Village Administrative Officer, Surveyor, police-related posts and educational-sector positions.

Education & Public Services

Students with appropriate qualifications can explore teaching, education administration and other public-service careers. The key is to identify the qualification → examination → recruitment body → post pathway before beginning preparation.



NATIONAL GOVERNMENT CAREERS

Don't limit your preparation to Karnataka.
The source material correctly highlights national-level opportunities such as:
UPSC • SSC • IBPS • RRB • Defence Services
These examinations can be prepared alongside Karnataka Government examinations because many core skills- **General Knowledge, Quantitative Aptitude, Reasoning, English, Computer Awareness and Current Affairs**-overlap.

WHICH PATH IS RIGHT FOR YOU?



CAREER FORMULA

DEGREE
⬇️
SKILLS
⬇️
COMPETITIVE EXAM
⬇️
PRACTICE
⬇️
MOCK TEST
⬇️
QUALIFICATION
⬇️
GOVERNMENT CAREER

What should students do?

Don't chase every notification.
Instead:
1. Identify your qualification
2. Identify 3-5 suitable examinations
3. Study the common syllabus
4. Practise weekly
5. Track official notifications
6. Apply only when eligible

YOUR DEGREE IS YOUR STARTING POINT

Don't ask:
"Is there a government job for my degree?"
Ask:
"Which examinations can I write with my qualification?"

A **B.Com** student can explore KPSC, KEA, banking, SSC, railway, insurance and finance related examinations.
A **BBA** student can build toward administrative, banking, management and departmental examinations.
A **BCA/B.Sc.** student can explore technical, computer, data, administrative and general competitive examinations, depending on the notification.
A **BA** student can target administrative, education, police, SSC, railway and other competitive examinations, subject to individual eligibility.

Always check the specific recruitment notification because qualification, age, language, reservation and other requirements vary by post.

Remember: Don't just read the recruitment notification. Identify Eligibility + Age + Qualification + Exam Pattern + Selection Process + Important Dates.

EXAM READY CHECKLIST

Before applying for any Karnataka Government examination, ask:

- What is my qualification?
- What is the age requirement?
- Is Kannada-language eligibility/test required?
- What is the syllabus?
- Is there a preliminary examination?
- Is there a main examination?
- Is there an interview/skill/physical test?
- What documents are required?
- What is the official application website?
- What is the last date?

Never rely only on social-media job posts. Read the official notification before applying.

TEACHERS' DAY – 5 SEPTEMBER 2026

Know Your Teacher



Date: 5 September
Occasion: Teachers' Day
Person remembered: Dr. Sarvepalli Radhakrishnan
Born: 5 September 1888
Known as: Philosopher, scholar, teacher and statesman
President: 2nd President of India
Why 5 September? His birth anniversary is observed as Teachers' Day in India.

IMPORTANT DAYS & ANNIVERSARIES FIRST WEEK SEPTEMBER 2026



SUCCESS DOESN'T START IN THE EXAM HALL

Every year, thousands of students begin preparing for competitive examinations with a common question:

"How can I clear the exam?"

A better question is:

"How can I prepare differently from today?"

Competitive examinations test more than memory. They demand **knowledge, reasoning, speed, accuracy, time management and the ability to remain consistent.**

That is why preparation should not be treated as a last-minute activity.

The candidate who starts early gains something valuable: TIME.

MEMORY FLASH

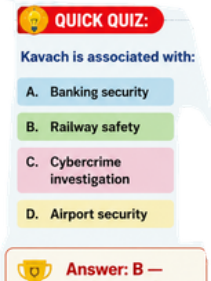
LOOK CAREFULLY FOR 10 SECONDS
Do NOT write anything down!

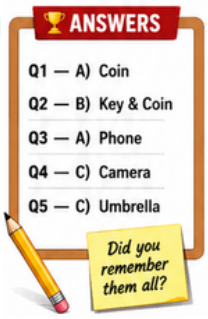
Competitive examinations don't only test what you know. They can also require attention, observation, pattern recognition and quick recall.











MEMORY TEST



Q1. Which object was in Position 6?
A) Coin
B) Apple
C) Key
D) Phone

Q2. Which TWO objects were in the SAME COLUMN?
A) Train & Tree
B) Key & Coin
C) Book & Plane
D) Clock & Phone

Q3. Which object was immediately to the RIGHT of the Plane?
A) Phone
B) Bicycle
C) Coin
D) Apple

Q4. Which object was NOT shown?
A) Headphone
B) Bicycle
C) Camera
D) Apple

Q5. What was the object in the BOTTOM-RIGHT corner?
A) Apple
B) Bicycle
C) Umbrella
D) Phone

STAFF SELECTION COMMISSION (SSC)

A GOLDEN OPPORTUNITY FOR A SECURE GOVERNMENT CAREER



Staff Selection Commission conducts examinations for recruitment to various posts in Ministries / Departments / Organizations of Government of India.

SSC EXAMINATIONS AT A GLANCE

1	2	3	4	5	6
COMBINED GRADUATE LEVEL EXAMINATION (CGL)	STENOGRAPHER (GRADE C & D) EXAMINATION	COMBINED HIGHER SECONDARY LEVEL EXAMINATION (CHSL)	MULTI TASKING STAFF (MTS) EXAMINATION	JUNIOR ENGINEER (JE) EXAMINATION	SCIENTIFIC ASSISTANT (IMD) EXAMINATION
Graduate 18–32 Years*	12th Pass 18–30 Yrs (C) 18–27 Yrs (D)	12th Pass 18–27 Years	10th Pass 18–25 Years	Diploma / Degree in Engineering Up to 30/32 Years*	Degree in Science / Engineering Up to 30 Years*

* Age relaxation is applicable as per Government rules.

ELIGIBILITY SUMMARY

EXAMINATION	EDUCATIONAL QUALIFICATION	AGE LIMIT
CGL	Bachelor's Degree from recognized University	18–32 Years*
Stenographer (C & D)	12th Standard or equivalent	18–30 Years (C) 18–27 Years (D)
CHSL	12th Standard or equivalent	18–27 Years
MTS	10th Standard or equivalent	18–25 Years
JE	Diploma / Degree in Engineering	Up to 30/32 Years*
Scientific Assistant (IMD)	Degree in Science / Engineering	Up to 30 Years*

* Age relaxation for SC/ST/OBC/PwD/Ex-Servicemen as per Govt. rules.

AGE RELAXATION (AS PER RULES)

SC / ST	:	5 Years
OBC	:	3 Years
PwD (UR)	:	10 Years
PwD (OBC)	:	13 Years
PwD (SC/ST)	:	15 Years
Ex-Servicemen	:	As per Govt. Rules

FEE DETAILS

- ₹ 100/- for General / OBC (Male) Candidates
- Women Candidates / SC / ST / PwD / Ex-Servicemen are **EXEMPTED** from payment of fee.

JOB ROLES / OPPORTUNITIES

- Assistant Audit Officer
- Assistant Accounts Officer
- Income Tax Inspector
- GST Inspector
- Central Excise Inspector
- Sub Inspector (CBI / NIA)
- Assistant Section Officer
- Divisional Accountant
- Auditor
- Junior Statistical Officer
- Tax Assistant
- Data Entry Operator (DEO)
- Lower Division Clerk (LDC)
- Junior Secretariat Assistant (JSA)
- Scientific Assistant (IMD)
- And many more...

HOW TO APPLY?

Interested candidates can apply online only through SSC Official Website

www.ssc.gov.in

Keep your documents, photo & signature ready before applying online.

HOW SSC RECRUITMENT WORKS?

1. **ONLINE APPLICATION** — Fill the application form online on the official SSC website.
2. **ADMIT CARD** — Download admit card from the SSC portal before the exam.
3. **EXAMINATION** — Appear for the exam as per the pattern (Tier I, Tier II, Skill Test etc.)
4. **RESULT & MERIT** — Based on performance, merit list and result will be declared.
5. **DOCUMENT VERIFICATION & APPOINTMENT** — Documents are verified and final appointment is given.

SSC CGL

COMBINED GRADUATE LEVEL EXAMINATION

Your Degree. Your Exam. Your Government Career.

EDUCATIONAL QUALIFICATION

- Bachelor's Degree from a recognized University.
- Some posts require specialized qualifications such as Statistics, Economics, Commerce, Chartered Accountancy, Cost Accounting, etc.

AGE LIMIT

Generally

18 – 32 years

Depends on the post.

POPULAR POSTS (EXAMPLES)

- Assistant Audit Officer
- Assistant Accounts Officer
- Assistant Section Officer
- Income Tax Inspector
- GST Inspector
- Central Excise Inspector
- Preventive Officer
- Examiner
- Assistant Enforcement Officer
- Sub Inspector (CBI / NIA)
- Divisional Accountant
- Auditor
- Accountant
- Junior Statistical Officer
- Tax Assistant

SSC CGL EXAMINATION PATTERN

TIER – I

- Computer Based Test (CBT)
- General Intelligence & Reasoning
- General Awareness
- Quantitative Aptitude
- English Language

Duration 60 Minutes | Questions 100 | Total Marks 200

TIER – II

- Computer Based Test (CBT)
- Quantitative Abilities
- English
- Statistics (for selected posts)
- Finance & Economics (AAO)

Duration 120 Minutes | Questions 200 | Total Marks 200

TIER – III

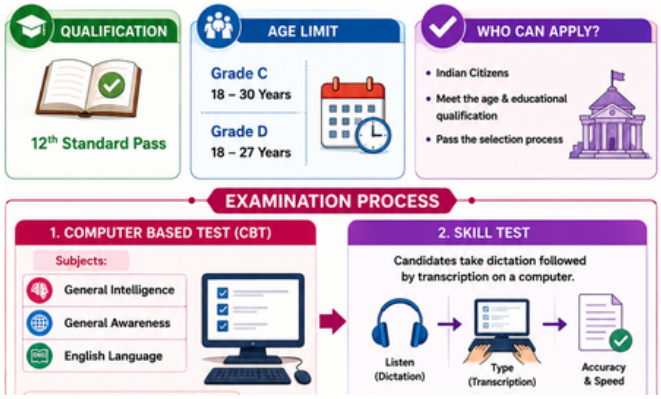
Skill Test / Computer Proficiency Test

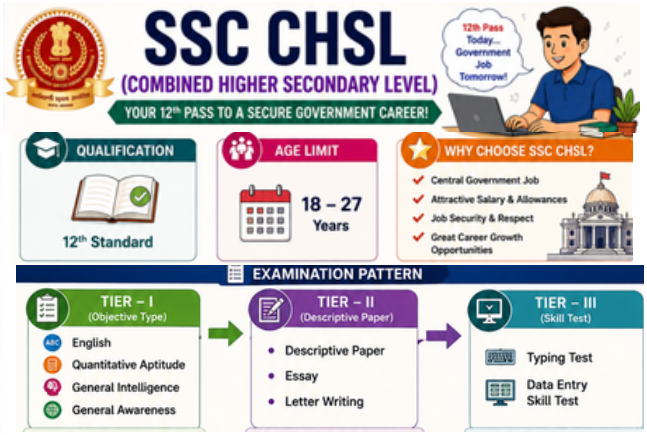
Qualifying Nature
(Only for shortlisting & final selection process)

CAREER OPPORTUNITIES

- Income Tax Department
- GST Department
- CBI (Central Bureau of Investigation)
- NIA (National Investigation Agency)
- Enforcement Directorate
- Ministry of External Affairs (MEA)
- Comptroller & Auditor General (CAG)
- Central Secretariat

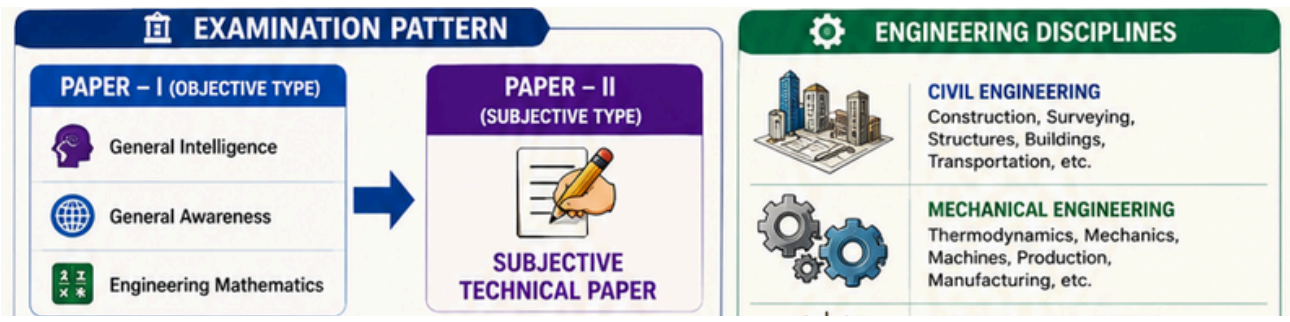

SSC STENOGRAPHER
(GRADE C & D)
A SMART CAREER CHOICE IN CENTRAL GOVERNMENT
Type Your Way to A Bright Career!


QUALIFICATION
12th Standard Pass
AGE LIMIT
Grade C
18 – 30 Years
Grade D
18 – 27 Years
WHO CAN APPLY?
Indian Citizens
Meet the age & educational qualification
Pass the selection process
EXAMINATION PROCESS
1. COMPUTER BASED TEST (CBT)
Subjects:
General Intelligence
General Awareness
English Language
2. SKILL TEST
Candidates take dictation followed by transcription on a computer.
Listen (Dictation)
Type (Transcription)
Accuracy & Speed

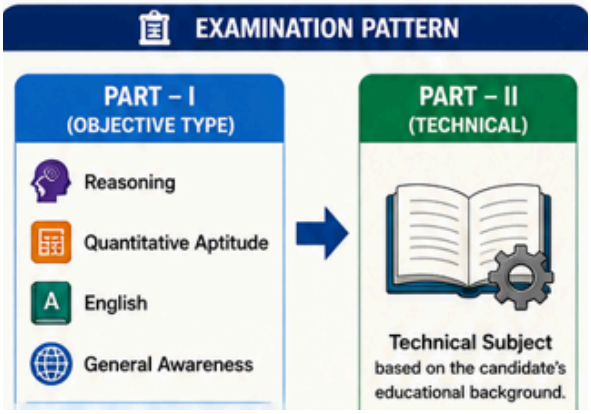

SSC CHSL
(COMBINED HIGHER SECONDARY LEVEL)
YOUR 12th PASS TO A SECURE GOVERNMENT CAREER!
12th Pass Today... Government Job Tomorrow!
QUALIFICATION
12th Standard
AGE LIMIT
18 – 27 Years
WHY CHOOSE SSC CHSL?
Central Government Job
Attractive Salary & Allowances
Job Security & Respect
Great Career Growth Opportunities
EXAMINATION PATTERN
TIER – I (Objective Type)
English
Quantitative Aptitude
General Intelligence
General Awareness
TIER – II (Descriptive Paper)
Descriptive Paper
Essay
Letter Writing
TIER – III (Skill Test)
Typing Test
Data Entry Skill Test

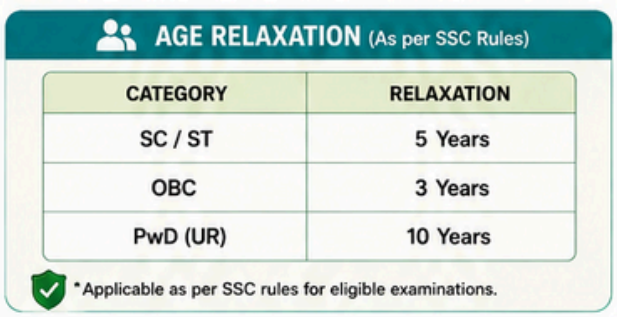

SSC JUNIOR ENGINEER (JE)
BUILD INDIA • BUILD YOUR CAREER
Join Central Government Engineering Services for a Stable, Respectable & Promising Career!


QUALIFICATION
Engineering Degree or Diploma in:
Civil
Mechanical
Electrical
AGE LIMIT
Generally,
up to 30 – 32 years
depending on the department.
WHY CHOOSE SSC JE?
Central Government Job
Job Security & Stability
Attractive Salary & Allowances
Opportunities for Growth
Work on Nation Building Projects
Respect & Recognition
DEPARTMENTS WHERE JE IS RECRUITED
CPWD
Central Public Works Department
Construction and maintenance of government buildings and infrastructure.
MES
Military Engineering Services
Construction and maintenance of military establishments and facilities.
BRO
Border Roads Organisation
Construction and maintenance of roads, bridges and tunnels in border areas.
Central Water Commission
Planning, development and management of water resources projects.
Farakka Barrage Project
Operation and maintenance of Farakka Barrage and related works.
Directorate of Quality Assurance
Quality assurance of materials and equipment used in defence services.
NTRO
National Technical Research Organisation
Research and development in cutting-edge science and technology.

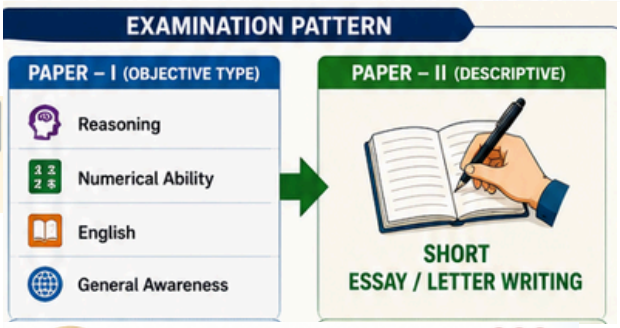

EXAMINATION PATTERN
PAPER – I (OBJECTIVE TYPE)
General Intelligence
General Awareness
Engineering Mathematics
PAPER – II (SUBJECTIVE TYPE)
SUBJECTIVE TECHNICAL PAPER
ENGINEERING DISCIPLINES
CIVIL ENGINEERING
Construction, Surveying, Structures, Buildings, Transportation, etc.
MECHANICAL ENGINEERING
Thermodynamics, Mechanics, Machines, Production, Manufacturing, etc.

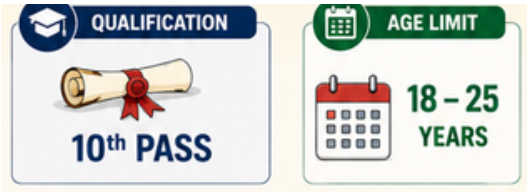

SCIENTIFIC ASSISTANT
(INDIA METEOROLOGICAL DEPARTMENT)
A CAREER THAT STUDIES THE SKY TO PROTECT LIFE ON EARTH
Join IMD and play a vital role in understanding weather, climate and the environment.
QUALIFICATION
One of the following:
B.Sc. (Physics as one subject)
Computer Science
Information Technology
Electronics & Telecommunication Engineering
Computer Applications
AGE LIMIT
Up to 30 Years
WHY CHOOSE THIS CAREER?
Work with advanced technology and scientific instruments
Serve the nation by saving lives through accurate forecasts
Opportunities for research and innovation
Career growth in a prestigious central government department


EXAMINATION PATTERN
PART – I (OBJECTIVE TYPE)
Reasoning
Quantitative Aptitude
English
General Awareness
PART – II (TECHNICAL)
Technical Subject based on the candidate's educational background.

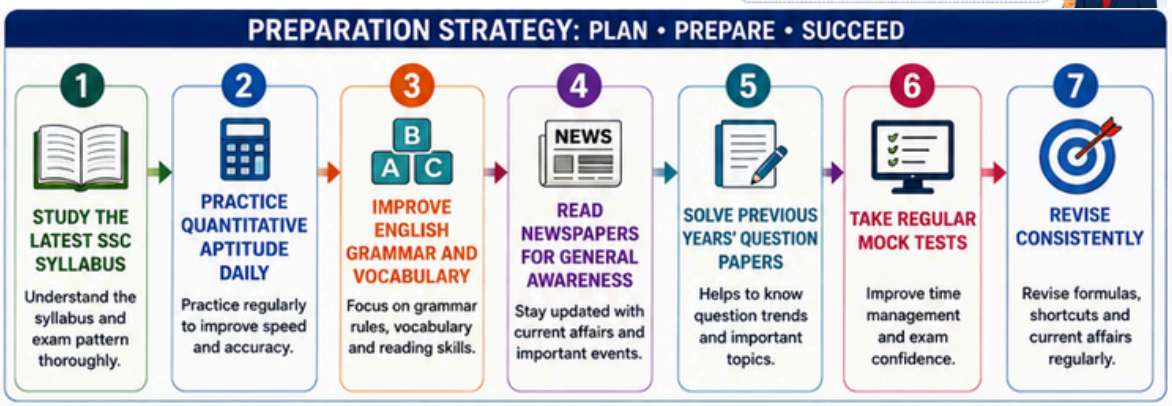

AGE RELAXATION (As per SSC Rules)
CATEGORY
RELAXATION
SC / ST
5 Years
OBC
3 Years
PwD (UR)
10 Years
*Applicable as per SSC rules for eligible examinations.


SSC MULTI-TASKING STAFF (MTS)
YOUR 10th PASS TO A STABLE GOVERNMENT CAREER!
Become a part of Central Government Offices and build a secure and respectable future.
Small Step Today, Secure Future Tomorrow!


EXAMINATION PATTERN
PAPER – I (OBJECTIVE TYPE)
Reasoning
Numerical Ability
English
General Awareness
PAPER – II (DESCRIPTIVE)
SHORT ESSAY / LETTER WRITING


QUALIFICATION
10th PASS
AGE LIMIT
18 – 25 YEARS


BUILD YOUR FUTURE WITH SSC
STABLE JOB • RESPECT • GROWTH • NATION BUILDING
SSC opens the door to a bright and secure career in Central Government for 10th, 12th, Graduate, Diploma and Engineering candidates.


PREPARATION STRATEGY: PLAN • PREPARE • SUCCEED
1 STUDY THE LATEST SSC SYLLABUS
Understand the syllabus and exam pattern thoroughly.
2 PRACTICE QUANTITATIVE APTITUDE DAILY
Practice regularly to improve speed and accuracy.
3 IMPROVE ENGLISH GRAMMAR AND VOCABULARY
Focus on grammar rules, vocabulary and reading skills.
4 READ NEWSPAPERS FOR GENERAL AWARENESS
Stay updated with current affairs and important events.
5 SOLVE PREVIOUS YEARS' QUESTION PAPERS
Helps to know question trends and important topics.
6 TAKE REGULAR MOCK TESTS
Improve time management and exam confidence.
7 REVISE CONSISTENTLY
Revise formulas, shortcuts and current affairs regularly.


DID YOU KNOW? 30-SECOND GK
WORLD Which is the largest continent?
INDIA Which is the highest civilian award of India?
SCIENCE What does ISRO stand for?
BANKING What does RBI stand for?
POLITY Who is the constitutional head of India?
ENVIRONMENT Which gas is most abundant in Earth's atmosphere?
ANSWERS
Asia
Bharat Ratna
Indian Space Research Organisation
Reserve Bank of India
President
Nitrogen


DID YOU KNOW?
GK BOOST 03
A little knowledge every day makes you smarter in every way!
01 HISTORY Who is known as the "Iron Man of India"?
02 INDIA Which city is known as the "Pink City"?
03 WORLD Which is the largest ocean on Earth?
04 SCIENCE What is the chemical symbol for gold?
05 ECONOMY What does GDP stand for?
06 ENVIRONMENT Which layer protects Earth from most harmful ultraviolet radiation?
ANSWERS


01 WORLD Which country is known as the "Land of the Rising Sun"?
02 INDIA Which is the largest state in India by area?
03 GEOGRAPHY Which is the longest river in India?
04 POLITY Who is the constitutional head of a State in India?
05 SCIENCE What does ISRO stand for?
06 BANKING What does RBI stand for?
ANSWERS
Japan
Rajasthan
Ganga
Governor
Indian Space Research Organisation
Reserve Bank of India


DID YOU KNOW?
ONE MINUTE SMARTER EVERYDAY!
TEST YOUR KNOWLEDGE. STAY INFORMED. STAY AHEAD!
HISTORY Who wrote Arthashastra? 01
GEOGRAPHY Which is the highest mountain peak in India? 02
POLITY Who is the ex-officio Chairman of the Rajya Sabha? 03
SCIENCE What is the hardest natural substance? 04
BANKING Where is the headquarters of the Reserve Bank of India? 05
AWARDS What is India's highest civilian award? 06
ANSWERS
Kautilya
Kangchenjunga
Vice-President of India
Diamond
Mumbai
Bharat Ratna


DID YOU KNOW?
Test Your Knowledge, Challenge Your Mind!
01 WORLD Which is the largest country in the world by area?
02 INDIA Which Indian State is famous for the Kaziranga National Park?
03 HISTORY Who was the first President of India?
04 POLITY What is the minimum voting age in India?
05 SCIENCE Which planet is known as the Red Planet?
06 COMPUTER What does CPU stand for?
ANSWERS
WORLD Russia
INDIA Assam
HISTORY Dr. Rajendra Prasad
POLITY 18 years
SCIENCE Mars
COMPUTER Central Processing Unit


DID YOU KNOW?
Don't just KNOW, know it RIGHT!
– EXAM TRAP EDITION
COMMON MISTAKES STUDENTS MAKE IN EXAMS!
1 EXAM TRAP 1
Capital of Australia?
WRONG Sydney
RIGHT Canberra
Canberra is the planned capital city of Australia.
2 EXAM TRAP 2
Largest planet?
WRONG Saturn
RIGHT Jupiter
Jupiter is the biggest planet in our Solar System.
3 EXAM TRAP 3
National animal of India?
WRONG Lion
RIGHT Bengal Tiger
The Bengal Tiger represents strength, power & grace.

QUANTITATIVE APTITUDE

SSC • Banking • Railway • NDA • Campus Placement

PERCENTAGE

EXAM SHORTCUT

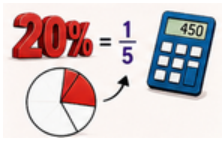
Percentage = "per 100"

Remember:

10% = 1/10
20% = 1/5
25% = 1/4
50% = 1/2
75% = 3/4
12.5% = 1/8
33⅓% = 1/3

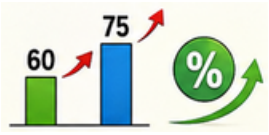
Q1. What is 20% of 450?

a) 80
b) 90
c) 100
d) 110



Q2. A student's marks increase from 60 to 75. What is the percentage increase?

a) 15%
b) 20%
c) 25%
d) 30%



Q3. A number is increased by 10%. If the original number is 500, find the new number.

a) 510
b) 525
c) 550
d) 600



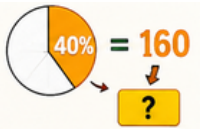
Q4. A price of ₹800 is reduced by 25%. What is the new price?

a) ₹500
b) ₹550
c) ₹600
d) ₹650



Q5. 40% of a number is 160. Find the number.

a) 320
b) 350
c) 400
d) 450



Q6. A student scores 360 marks out of 500. What is the percentage?

a) 62%
b) 68%
c) 72%
d) 75%



Q7. A population increases from 20,000 to 24,000. Find the percentage increase.

a) 15%
b) 20%
c) 25%
d) 30%



Q8. A number is increased by 20% and then decreased by 20%. What is the overall change?

a) No change
b) 2% increase
c) 4% decrease
d) 4% increase



Q9. 12.5% of ₹800 is:

a) ₹80
b) ₹90
c) ₹100
d) ₹120



Q10. A candidate obtains 450 marks out of 600. What percentage did the candidate score?

a) 70%
b) 72%
c) 75%
d) 80%



PERCENTAGE ANSWER KEY

Q	Ans	Q	Ans
1	B	6	C
2	C	7	B
3	C	8	C
4	C	9	C
5	C	10	C

Percentage Exam Trick:

Find x% → x/100 × number
Find percentage → Part/Whole × 100
Find original value → Given value × 100 / percentage

1)20% = 1/5
450 ÷ 5 = 90
Answer: b) 90

2) Increase = 75 − 60 = 15
Percentage increase = 15/60 × 100 = 25%
Answer: c) 25%

3) 10% of 500 = 50
500 + 50 = 550
Answer: c) 550

4) 25% = 1/4
800 ÷ 4 = 200
800 − 200 = ₹600
Answer: c) ₹600

5) 40% = 160
100% = 160 × 100/40
= 400
Answer: c) 400

6) 360/500 × 100 = 72%
Answer: c) 72%

7) Increase = 4,000
4,000/20,000 × 100 = 20%
Answer: b) 20%

8) If increase and decrease are both x%:
Net decrease = $x^2/100$
= $20^2/100$
= 4%
Answer: c) 4% decrease

9) 12.5% = 1/8
800 ÷ 8 = ₹100
Answer: c) ₹100

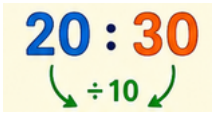
10) 450/600 × 100 = 75%
Answer: c) 75%

RATIO & PROPORTION

MASTER TRICK

If ratio is 2 : 3, total parts = 5.
So:
First share = Total × 2/5
Second share = Total × 3/5

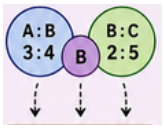
Q1. Simplify 20 : 30.
a) 1:2
b) 2:3
c) 3:4
d) 4:5



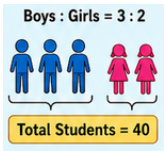
Q2. Divide ₹500 in the ratio 2:3.
a) ₹100, ₹400
b) ₹150, ₹350
c) ₹200, ₹300
d) ₹250, ₹250



Q3. If A:B = 3:4 and B:C = 2:5, find A:B:C.
a) 3:4:5
b) 3:4:10
c) 6:8:20
d) 3:2:5



Q4. The ratio of boys to girls is 3:2. If total students are 40, boys are:
a) 20
b) 24
c) 26
d) 30



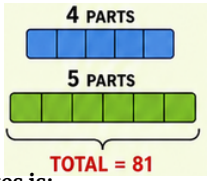
Q5. If 5 pens cost ₹50, what is the cost of 8 pens?
a) ₹60
b) ₹70
c) ₹80
d) ₹90



Q6. 4:7 = x:21. Find x.
a) 8
b) 10
c) 12
d) 14



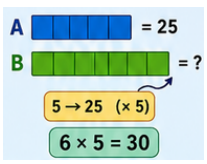
Q7. Two numbers are in ratio 4:5 and their sum is 81. Smaller number?
a) 32
b) 36
c) 40
d) 45



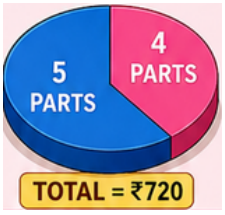
Q8. Ratio of 2 hours to 30 minutes is:
a) 2:1
b) 3:1
c) 4:1
d) 5:1



Q9. If A:B = 5:6 and A = 25, B = ?
a) 20
b) 25
c) 30
d) 35



Q10. ₹720 is divided in the ratio 5:4. The larger share is:
a) ₹360
b) ₹400
c) ₹450
d) ₹500



ANSWER KEY

Q	Ans	Q	Ans
1	B	6	C
2	C	7	B
3	C	8	C
4	B	9	C
5	C	10	B

1) Divide by 10.
Answer: b) 2:3

2) Total parts = 5.
500 × 2/5 = 200
500 × 3/5 = 300
Answer: c

3) Make B common.
A:B = 6:8
B:C = 8:20
Answer: c) 6:8:20

4) 40 × 3/5 = 24
Answer: b

5) One pen = ₹10.
8 × 10 = ₹80.
Answer: c

6) 4/7 = x/21
x = 12
Answer: c

7) 81 × 4/9 = 36
Answer: b

8) 2 hours = 120 minutes.
120:30 = 4:1
Answer: c

9) 5 → 25, multiplier = 5.
6 × 5 = 30
Answer: c

10) 720 × 5/9 = ₹400
Answer: b

AVERAGE

ONE-LINE TRICK
Average = Total ÷ Number
Therefore:
Total = Average × Number

Q1. Average of 10, 20 and 30?
a) 15
b) 20
c) 25
d) 30



Q2. Average of five numbers is 25. Their total is:
a) 100
b) 115
c) 125
d) 150



Q3. Average of 4 numbers is 15. If one number is 20, sum of remaining three is:

a) 30
b) 35
c) 40
d) 45



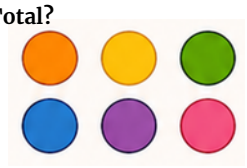
Q4. Average of 20 and 40 is:

a) 25
b) 30
c) 35
d) 40



Q5. Average of 6 numbers is 18. Total?

a) 96
b) 108
c) 118
d) 126



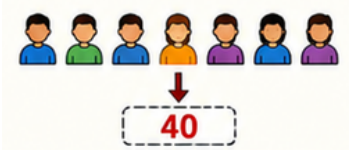
Q6. Average of 5 consecutive numbers is 30. Middle number?

a) 28
b) 29
c) 30
d) 31



Q7. Average of 8 numbers is 25. If 40 is removed, new total is:

a) 150
b) 160
c) 170
d) 180



Q8. Average of 3 numbers is 40. If each number increases by 5, new average?

a) 40
b) 42
c) 45
d) 50



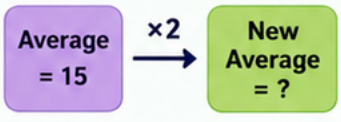
Q9. Average age of 4 students is 20. A new student aged 25 joins. New average?

a) 20
b) 21
c) 22
d) 23



Q10. Average of 10 numbers is 15. If each is multiplied by 2, new average?

a) 15
b) 20
c) 25
d) 30



ANSWER KEY

Q	Ans	Q	Ans
1	B	6	C
2	C	7	B
3	C	8	C
4	B	9	B
5	B	10	D

1) = 60/3 = 20
B

2) 25 × 5 = 125
C

3) Total = 60.
Remaining = 60 − 20 = 40
C

4) = 60/2 = 30
B

5) 18 × 6 = 108
B

6)For consecutive numbers, average = middle number.
C

7)Total = 200.
200 − 40 = 160
B

8) Every value +5 → average +5.
C

9) Old total = 80.
New total = 105.
105/5 = 21
B

10) Average also ×2.
D

PROFIT & LOSS

MASTER FORMULA

Profit = SP − CP
Loss = CP − SP
Profit % = Profit/CP × 100
Loss % = Loss/CP × 100

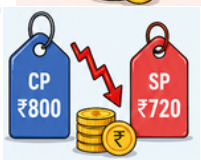
Q1. CP ₹500, SP ₹600. Profit?

a) ₹50
b) ₹75
c) ₹100
d) ₹125



Q2. CP ₹800, SP ₹720. Loss?

a) ₹60
b) ₹70
c) ₹80
d) ₹90



Q3. CP ₹500, profit ₹100. Profit percentage?

a) 10%
b) 15%
c) 20%
d) 25%



Q4. CP ₹1,000, loss 10%. SP?

a) ₹800
b) ₹850
c) ₹900
d) ₹950



Q5. CP ₹400, profit 25%. SP?

a) ₹450
b) ₹500
c) ₹525
d) ₹550



Q6. An article bought for ₹600 is sold for ₹660. Profit %?

a) 5%
b) 8%
c) 10%
d) 12%



Q7. An article sold for ₹900 at a loss of ₹100. CP?
a) ₹800
b) ₹900
c) ₹1,000
d) ₹1,100



Q8. If CP = ₹2,000 and SP = ₹2,400, profit %?
a) 10%
b) 15%
c) 20%
d) 25%



Q9. An item costing ₹500 is sold at 20% loss. SP?
a) ₹350
b) ₹400
c) ₹420
d) ₹450



Q10. An item is sold for ₹1,200 at 20% profit. CP?
a) ₹900
b) ₹950
c) ₹1,000
d) ₹1,100



ANSWER KEY

Q	Ans	Q	Ans
1	C	6	C
2	C	7	C
3	C	8	C
4	C	9	B
5	B	10	C

1) C

2) 800 − 720 = ₹80
C

3) 100/500 ×100 = 20%

4) 10% of 1000 = 100.
SP = 900

5) 25% of 400 = 100.
SP = 500

6) 60/600 ×100 = 10%

7) CP = SP + Loss = ₹1,000

8) 400/2000 ×100 = 20%

9) 80% of 500 = 400

10) 120% = 1200
100% = 1000



SIMPLE INTEREST

GOLDEN FORMULA
SI = P × R × T / 100
Amount = P + SI

Q1. SI on ₹1,000 at 10% for 2 years?
a) ₹100
b) ₹150
c) ₹200
d) ₹250



Q2. SI on ₹5,000 at 8% for 1 year?
a) ₹300
b) ₹400
c) ₹500
d) ₹600



Q3. Principal ₹2,000, SI ₹400, rate 10%. Time?
a) 1 year
b) 2 years
c) 3 years
d) 4 years



Q4. SI on ₹10,000 at 5% for 3 years?
a) ₹1,000
b) ₹1,250
c) ₹1,500
d) ₹2,000



Q5. Amount if P = ₹5,000 and SI = ₹1,000?
a) ₹4,000
b) ₹5,500
c) ₹6,000
d) ₹6,500



Q6. SI on ₹4,000 at 10% for 6 months?
a) ₹100
b) ₹200
c) ₹300
d) ₹400



Q7. Rate if P ₹2,000, SI ₹200, time 1 year?
a) 5%
b) 8%
c) 10%
d) 12%



Q8. Principal if SI ₹300, rate 10%, time 3 years?
a) ₹500
b) ₹750
c) ₹1,000
d) ₹1,500



Q9. SI on ₹800 at 5% for 2 years?
a) ₹60
b) ₹80
c) ₹100
d) ₹120



Q10. Amount on ₹2,000 at 10% SI for 2 years?
SI = ₹400.
Amount = ₹2,400
a) ₹2,200
b) ₹2,300
c) ₹2,400
d) ₹2,500



ANSWER KEY

Q	Ans	Q	Ans
1	C	6	B
2	B	7	C
3	B	8	C
4	C	9	B
5	C	10	C

1) C
2) B
3) 400 = 2000×10×T/100
T = 2 years
B

4) C
5) C
6) 6 months = ½ year.
4000×10×½/100 = ₹200
B

7) C
8) P = 300×100/(10×3) = 1000
C

9) B
10) C

REASONING ABILITY

NUMBER SERIES

EXAM ORDER
When you see a series, check:
Difference → Multiplication → Division → Square/Cube → Alternate pattern

Q1. 2, 4, 6, 8, ?
a) 9
b) 10
c) 11
d) 12



Q2. 5, 10, 15, 20, ?
a) 22
b) 24
c) 25
d) 30



Q3. 3, 6, 12, 24, ?
a) 36
b) 42
c) 48
d) 50



Q4. 2, 6, 12, 20, 30, ?
a) 36
b) 40
c) 42
d) 44



Q5. 100, 90, 80, 70, ?
a) 50
b) 55
c) 60
d) 65



Q6. 1, 4, 9, 16, ?
a) 20
b) 24
c) 25
d) 36



Q7. 2, 3, 5, 8, 12, ?
a) 15
b) 16
c) 17
d) 18



Q8. 81, 27, 9, 3, ?
a) 1
b) 2
c) 0
d) 6



Q9. 7, 14, 28, 56, ?
a) 84
b) 98
c) 112
d) 120



Q10. 11, 22, 44, 88, ?
a) 132
b) 154
c) 176
d) 188



ANSWER KEY

Q	Ans	Q	Ans
1	B	6	C
2	C	7	C
3	C	8	A
4	C	9	C
5	C	10	C

1) +2 → 10
B

2) C

3) ×2 → 48
C

4) Differences:
+4,+6,+8,+10,+12.
C

5) C

6) C

7) C

8) ÷3 → 1
A

9)×2 → 112
C

10) ×2 → 176
C

CODING–DECODING

First check whether letters are shifted by:
+1 / −1 / +2 / −2

Example:
A → B
B → C
C → D

Q1. If CAT is coded as DBU, how is DOG coded?
a) EPH
b) EOG
c) FPH
d) DPH



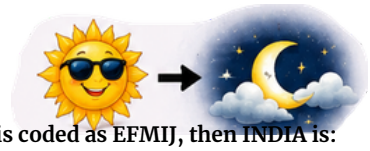
Q2. If PEN = QFO, then BOOK = ?
a) CPPL
b) CPNL
c) BOOP
d) CQPL



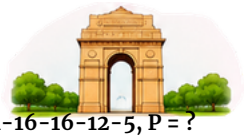
Q3. If A=1, B=2, C=3, value of CAB?
a) 5
b) 6
c) 7
d) 8



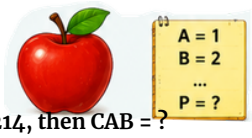
Q4. If SUN is coded as TVO, MOON is:
a) NPPO
b) NPPM
c) MPPN
d) OPPO



Q5. If DELHI is coded as EFMIJ, then INDIA is:
a) JOEJB
b) JOEIA
c) HMCJZ
d) JNEJB



Q6. If APPLE = 1-16-16-12-5, P = ?
a) 14
b) 15
c) 16
d) 17



Q7. If BAD = 214, then CAB = ?
a) 312
b) 321
c) 123
d) 213



Q8. If BLUE is written as EULB, how is GREEN written?
a) NEERG
b) NERGE
c) ERGEN
d) GREEN



Q9. If MANGO is coded by reversing the letters, code is:
a) OGNAM
b) OGNMA
c) OGMAN
d) ONGAM



Q10. If TABLE = UBCMF, then CHAIR = ?
a) DIBJS
b) DIBIR
c) CIBJS
d) EJCJT



ANSWER KEY

Q	Ans	Q	Ans
1	A	6	C
2	A	7	A
3	B	8	A
4	A	9	A
5	A	10	A

1) Each letter +1.
DOG → EPH
A

2) Each letter +1.
BOOK → CPPL
A

3) 3+1+2 = 6
B

4) +1 each → NPPO
A

5) +1 → JOEJB
A

6) P = 16
C

7) C=3, A=1, B=2 → 312
A

8) Reverse → NEERG
A

9) A

10) +1 each → DIBJS
A

GENERAL ENGLISH

ERROR SPOTTING

Check in this order:
Subject → Verb → Tense → Article → Preposition → Pronoun

Q1. He do not know the answer.
a) He
b) do not
c) know
d) answer



Q2. She are going to college.
a) She
b) are
c) going
d) college



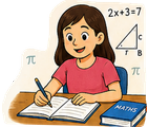
Q3. They has completed the work.
a) They
b) has
c) completed
d) work



Q4. He is senior than me.
a) He
b) is
c) senior than
d) me



Q5. She is good in mathematics.
a) She
b) is
c) good in
d) mathematics



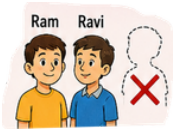
Q6. I have seen him yesterday.
a) I
b) have seen
c) him
d) yesterday



Q7. He is an university student.
a) He
b) is
c) an
d) university student



Q8. Neither Ram nor Ravi are present.
a) Neither
b) nor
c) are
d) present



Q9. Each of the students have a book.
a) Each
b) students
c) have
d) book



Q10. She prefers tea than coffee.
a) She
b) prefers
c) tea than
d) coffee



ANSWER KEY

Q	Ans	Q	Ans
1	B	6	B
2	B	7	C
3	B	8	C
4	C	9	C
5	C	10	C

1) He → does
2) She is.
3) They have.
4) Correct: senior to
5) Correct: good at
6) With definite past time → saw
7) University begins with /yu/ sound → a university
8) Nearest subject Ravi → is
9) Each → singular → has
10) Correct: prefers tea to coffee

COMPUTER AWARENESS

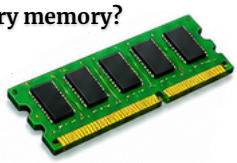
Q1. Which is the brain of a computer?
a) RAM
b) CPU
c) Keyboard
d) Monitor



Q2. Which is an input device?
a) Monitor
b) Printer
c) Keyboard
d) Speaker



Q3. Which is temporary memory?
a) ROM
b) RAM
c) Hard Disk
d) DVD



Q4. MS Word is mainly used for:
a) Word processing
b) Presentation
c) Browsing
d) Programming



Q5. MS Excel is mainly used for:
a) Drawing
b) Spreadsheet calculations
c) Video editing
d) Email



Q6. Shortcut for Copy?
a) Ctrl + X
b) Ctrl + C
c) Ctrl + V
d) Ctrl + Z



Q7. Shortcut for Paste?
a) Ctrl + P
b) Ctrl + V
c) Ctrl + S
d) Ctrl + A



Q8. Which is an operating system?
a) Windows
b) Excel
c) Chrome
d) Word



Q9. Which device produces a hard copy?
a) Scanner
b) Printer
c) Monitor
d) Keyboard



Q10. WWW stands for:
a) World Wide Web
b) World Web Window
c) Wide World Web
d) Web World Wide



ANSWER KEY

Q	Ans	Q	Ans
1	B	6	B
2	C	7	B
3	B	8	A
4	A	9	B
5	B	10	A

BANKING / FINANCIAL AWARENESS

Q1. RBI stands for:
a) Reserve Bank of India
b) Regional Bank of India
c) Rural Bank of India
d) Revenue Bank of India



Q2. GST stands for:
a) General Sales Tax
b) Goods and Services Tax
c) Government Service Tax
d) Goods Supply Tax



Q3. GDP stands for:
a) Gross Domestic Product
b) General Domestic Product
c) Gross Development Product
d) Government Domestic Production



Q4. Which institution regulates monetary policy in India?
a) SEBI
b) RBI
c) NABARD
d) IRDAI



Q5. PAN stands for:
a) Personal Account Number
b) Permanent Account Number
c) Primary Account Number
d) Personal Assessment Number



Q6. Which market deals mainly with long-term securities?
a) Money market
b) Capital market
c) Retail market
d) Commodity market



Q7. SEBI is associated mainly with:
a) Insurance
b) Securities market
c) Agriculture
d) Railways



Q8. A cheque is primarily a:
a) Negotiable instrument
b) Currency note
c) Share
d) Bond



Q9. Inflation generally means:
a) Fall in prices
b) General rise in prices
c) Fall in income
d) Rise in production only



Q10. The full form of ATM is:
a) Automatic Transfer Machine
b) Automated Teller Machine
c) Auto Transaction Method
d) Account Transfer Machine



ANSWER KEY

Q	Ans	Q	Ans
1	A	6	B
2	B	7	B
3	A	8	A
4	B	9	B
5	B	10	B

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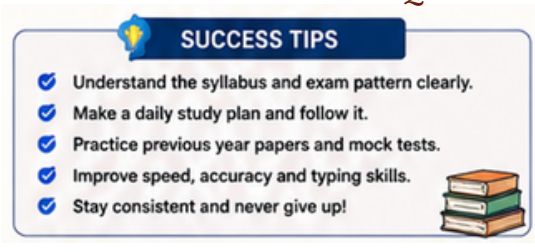
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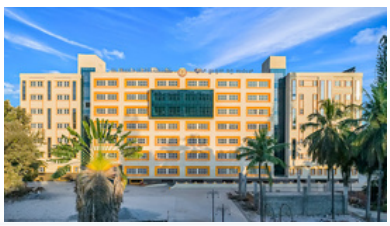
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