

UPSC-CSE (PT)  
**P Y Q SCANNER**  
**GENERAL STUDIES**  
*with* **CSAT** 2011-2023 Paper I & II

- Categorization of questions according to topics
- Answers to the questions containing detailed explanations
- Additional information on the topics from which questions were asked
- Exam preparation guidance for beginners
- UPSC-CSE Prelims and Mains syllabus
- Previous years' Mains GS and Essay questions

*Editor*

**N.N. Ojha**

Guiding Civil Services Aspirants Since 30 Years

*Solved by*

Chronicle Editorial Team



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# ABOUT THIS BOOK

The first edition of 'UPSC-CSE (PT) PYQ SCANNER GENERAL STUDIES with CSAT 2011-2023 Paper I & II' has been prepared strictly adhering to the latest syllabus.

## Key Features of this Book

1. **Categorization of questions according to topics** (2000+ questions divided into 100+ topics).
2. **Answers to the questions** containing detailed explanations (including explanations on options other than the correct one).
3. **Additional information** on the topics from which questions were asked.
4. **Exam preparation guidance for beginners**, incorporating Prelims and Mains questions' trend analysis. This will help lay a strong foundation for your preparation.
5. **UPSC-CSE Prelims and Mains syllabus** to act as a source of ready reference.
6. **Previous years' Mains GS and Essay questions** to help aspirants understand the nature of questions and interlinkages between Prelims and Mains examinations.

## Why Additional Information?

- UPSC never repeats its questions but touches upon the topics again from different perspectives. By going through the additional information provided herein, aspirants will be able to answer other questions that could be asked from the topics in future.
- To comprehend in a better way the current pattern of questions which are interdisciplinary and multidisciplinary in nature.

**An in-depth analysis of the questions** reveals that prior to 2000, the questions were straightforward; later they became interdisciplinary and since past few years, majority of the questions are multidisciplinary in nature.

For example, a question that asked about only Mughal architecture in the 90s changed to asking about Maratha architecture also in the same question; and in the past few years it has become a regular practice to ask about the geography or political conditions prevailing at that time. Therefore, the questions have become truly multidimensional.

To address this, the book is segregated into different sections and 100+ topics that will enable the readers to adopt a holistic approach towards preparation.

## Relevance of this Book for other Examinations

Though a little diluted, the trend or pattern of the questions being asked in UPSC is now a days being followed by many other examinations. Most of the questions in State Public Service Commissions' examinations are being asked from the background and periphery of UPSC Civil Services examination questions. You can also use the explanations/additional information as study material for General Studies. So, preparing with these sets of questions and explanations will be very helpful for other competitive examinations also.

—Editor

## Syllabus for the Civil Services Preliminary Examination

### Paper I - (200 marks)

Duration: Two hours

- ♦ Current events of national and international importance.
- ♦ History of India and Indian National Movement.
- ♦ Indian and World Geography-Physical, Social, Economic Geography of India and the World.
- ♦ Indian Polity and Governance-Constitution, Political System, Panchayati Raj, Public Policy, Rights Issues, etc.
- ♦ Economic and Social Development-Sustainable Development, Poverty, Inclusion, Demographics, Social Sector Initiatives, etc.
- ♦ General issues on Environmental ecology, Bio-diversity and Climate Change - that do not require subject specialization.
- ♦ General Science.

### Paper II-(200 marks)

Duration : Two hours

- ♦ Comprehension;
- ♦ Interpersonal skills including communication skills;
- ♦ Logical reasoning and analytical ability;
- ♦ Decision making and problem solving;
- ♦ General mental ability;
- ♦ Basic numeracy (numbers and their relations, orders of magnitude, etc.) (Class X level), Data interpretation (charts, graphs, tables, data sufficiency etc. – Class X level).

**Note 1:** Paper-II of the Civil Services (Preliminary) Examination will be a qualifying paper with minimum qualifying marks fixed at 33%.

**Note 2:** The questions will be of multiple choice, objective type.

**Note 3:** It is mandatory for the candidate to appear in both the Papers of Civil Services (Prelim) Examination for the purpose of evaluation. Therefore a candidate will be disqualified in case he/she does not appear in both the papers of Civil Services (Prelim) Examination.

## Syllabus for the Civil Services Main Examination

The Main Examination is intended to assess the overall intellectual traits and depth of understanding of candidates rather than merely the range of their information and memory.

The Written Examination will consist of the following papers:

### Qualifying Papers

#### **Paper-A**

- ♦ (One of the Indian Language to be selected by the candidate from the Languages included in the Eighth Schedule to the Constitution) 300 Marks

#### **Paper-B**

- ♦ English 300 Marks

### Papers to be counted for merit

#### **Paper-I**

- ♦ Essay 250 Marks

# Civil Services

## Beginners' Strategy Special

### 1. How should you start as a Beginner?

#### Clarity of Purpose

- An aspirant must have clarity of thought & purpose before wishing to pursue a career in civil services. One must have genuine reasons/motivation as to why she/he wishes to enter the services.
- As is usually seen, there are numerous reasons why individuals aspire to become civil servants.
- It might simply be the amazing opportunity civil services offer to take action on issues that one cares deeply about.
- And if you also have a burning desire and passion to solve the problems of the society, then professions like civil services can provide a suitable platform.
- Secondly, civil servants play an important role in policy formulation and implementation.
- These policies, when implemented, bring in the desired changes in the society.
- Hence, as a civil servant you can significantly contribute to the country's development.

**Besides these there can be various other reasons as to why an individual wishes to pursue civil services. These can be briefly summed up as follows:**

- Because it's a very good career choice as compared to other jobs/careers.
- Simply to uplift humanity.
- For the sake of authority.
- For contributing positively to the society.
- As it offers the best combination of power and prestige.
- To be a role model for your peers, friends, siblings, etc.
- These are only a few of the numerous possible motives and reasons for you to pursue the IAS. It could be "the one" reason or a number of them.
- It's possible that once you've done it, you'll approach the Civil Services Exam (CSE) with a newfound zeal.
- Now that you have identified your valid reasons, the next step is to know the eligibility criteria for the exam.

### 2. Eligibility Criteria

- The aspiring individual needs to be a graduate in any subject.
- Candidates who are in the final year of graduation and meet other eligibility criteria can also apply.

#### Number of Attempts

- **For General Category:** There are six attempts between ages 21-32.
- **For OBC Category:** There are nine attempts; the maximum age limit is 35 years.
- **For SC/ST Category:** There is no attempts limit; the maximum age limit is 37 years.

#### Pattern of Exam

- UPSC conducts the Civil Service Examination in three phases, namely
  - (i) Preliminary Examination;
  - (ii) Main Examination; and
  - (iii) Personality Test (Interview).

#### (i) Prelims

- (a) UPSC CSE Prelims consists of two papers, namely General Studies Paper-I and General Studies Paper-II (Civil Services Aptitude Test).
- (b) While CSAT is qualifying in nature, the marks obtained in the General Studies paper determine your selection in the Prelims.
- (c) It means your score in the General Studies Paper-I will be considered for the Prelims cut-off.
- (d) Additionally, there is negative marking for the wrong answers. 1/3rd of the marks allotted for the question would be deducted as a penalty for marking the wrong answer.
- (e) The score obtained in the Prelims will not be added to the final score. Prelims exam is just a screening test.
- (f) The question paper of Prelims will be bilingual. It will have questions written both in Hindi and English Language.

#### (ii) Main Examination

- The UPSC exam pattern for the Mains exam is tabulated below. The IAS Mains exam consists of two types of papers, viz. Qualifying and Merit-ranking.
- There will be one paper on regional language and the other paper will be on English language; these will be qualifying in nature. The marks obtained in these papers will not be added to the final score. But you must clear these two papers. However, other papers will be evaluated for merit purposes.

# GS Mains Previous Year Questions (2013-2023)

## PAPER-I

### History of India & World

#### 2023

1. What was the difference between Mahatma Gandhi and Rabindranath Tagore in their approach towards education and nationalism?
2. Bring out the socio-economic effects of the introduction of railways in different countries of the world.
3. What are the main features of Vedic society and religion? Do you think some of the features are still prevailing in Indian society?
4. How did the colonial rule affect the tribals in India and what was the tribal response to the colonial oppression?

#### 2022

1. Why did the armies of the British East India Company – mostly comprising of Indian soldiers – win consistently against the more numerous and better equipped armies of the Indian rulers? Give reasons.
2. Why was there a sudden spurt in famines in colonial India since the mid-eighteenth century? Give reasons.
3. The political and administrative reorganization of states and territories has been a continuous ongoing process since the mid-nineteenth century. Discuss with examples.

#### 2021

1. To what extent did the role of the moderates prepare a base for the wider freedom movement? Comment.
2. Bring out the constructive programmes of Mahatma Gandhi during Non-Cooperation Movement and Civil Disobedience Movement.
4. “There arose a serious challenge to the Democratic State System between the two World Wars.” Evaluate the statement.
5. Trace the rise and growth of socio-religious reform movements with special reference to Young Bengal and Brahma Samaj.
6. Assess the main administrative issues and socio-cultural problems in the integration process of Indian Princely States.

#### 2020

1. Pala Period is the most significant phase in the history of Buddhism in India. Enumerate.
2. Evaluate the policies of Lord Curzon and their long term implications on the national movement.

3. Since the decade of the 1920s, the national movement acquired various ideological strands and thereby expanded its social base. Discuss

#### 2019

1. The 1857 Uprising was the culmination of the recurrent big and small local rebellions that had occurred in the preceding hundred years of British rule. Elucidate.
2. Examine the linkages between the nineteenth century’s ‘Indian Renaissance’ and the emergence of national identity.
3. Many voices had strengthened and enriched the nationalist movement during the Gandhian phase. Elaborate.
4. Assess the role of British imperial power in complicating the process of transfer of power during the 1940s.
5. Explain how the foundations of the modern world were laid by the American and French Revolutions.(CSE 2019)

#### 2018

1. Assess the importance of the accounts of the Chinese and Arab travellers in the reconstruction of the history of India.

#### 2017

1. Clarify how mid-eighteenth-century India was beset with the spectre of a fragmented polity.
2. Why did the ‘Moderates’ failed to carry conviction with the nation about their proclaimed ideology and political goals by the end of the nineteenth century?
3. What problems are germane to the decolonization process in the Malay Peninsula?
4. Examine how the decline of traditional artisanal industry in colonial India crippled the rural economy.
5. Highlight the importance of the new objectives that got added to the vision of Indian Independence since the twenties of the last century.

#### 2016

1. Explain how the uprising of 1857 constitutes an important watershed in the evolution of British policies towards colonial India.
2. Discuss the role of women in the freedom struggle especially during the Gandhian phase.
3. Highlight the differences in the approach of Subhash Chandra Bose and Mahatma Gandhi in the struggle for freedom.
4. Has the formation of linguistic States strengthened the cause of Indian Unity?



**PAPER-III****Science & Technology****2023**

1. Introduce the concept of Artificial Intelligence (AI). How does AI help clinical diagnosis? Do you perceive any threat to privacy of the individual in the use of AI in healthcare?
2. Discuss several ways in which microorganisms can help in meeting the current fuel shortage.
3. How does e-Technology help farmers in production and marketing of agricultural produce? Explain it.
4. What is the main task of India's third moon mission which could not be achieved in its earlier mission? List the countries that have achieved this task. Introduce the subsystems in the spacecraft launched and explain the role of the 'Virtual Launch Control Centre' at the Vikram Sarabhai Space Centre which contributed to the successful launch from Sriharikota.

**2022**

1. Launched on 25th December, 2021, James Webb Space Telescope has been much in the news since then. What are its unique features which make it superior to its predecessor Space Telescopes? What are the key goals of this mission? What potential benefits does it hold for the human race?
2. What is the basic principle behind vaccine development? How do vaccines work? What approaches were adopted by the Indian vaccine manufacturers to produce COVID-19 vaccines?

**2021**

1. What are the present challenges before crop diversification? How do emerging technologies provide an opportunity for crop diversification?
2. What are the research and developmental achievements in applied biotechnology? How will these achievements help to uplift the poorer sections of the society?
3. The Nobel Prize in Physics of 2014 was jointly awarded to Akasaki, Amano and Nakamura for the invention of Blue LEDs in 1990s. How has this invention impacted the everyday life of human beings?

**2020**

1. What do you understand by nanotechnology and how is it helping in the health sector?
2. How is science interwoven deeply with our lives? What are the striking changes in agriculture triggered off by the science-based technologies?
3. Discuss different types of cybercrimes and measures required to be taken to fight the menace.
4. COVID-19 pandemic has caused unprecedented devastation worldwide. However, technological advancements are being availed readily to win over the crisis. Give an account of how technology was sought to aid management of the pandemic.

5. Describe the benefits of deriving electric energy from sunlight in contrast to the conventional energy generation. What are the initiatives offered by our Government for this purpose?

**2019**

1. How was India benefitted from the contributions of Sir M. Visvesvaraya and Dr. M. S. Swaminathan in the fields of water engineering and agricultural science respectively?
2. What is India's plan to have its own space station and how will it benefit our space programme?
3. How can biotechnology help to improve the living standards of farmers?

**2018**

1. Discuss the work of 'Bose-Einstein Statistics' done by Prof. Satyendra Nath Bose and show how it revolutionized the field of Physics.
2. Why is there so much activity in the field of biotechnology in our country? How has this activity benefitted the field of biopharma?
3. With growing energy needs should India keep on expanding its nuclear energy programme? Discuss the facts and fears associated with nuclear energy.

**2017**

1. Stem cell therapy is gaining popularity in India to treat a wide variety of medical conditions including Leukaemia, Thalassaemia, damaged cornea and severe burns. Describe briefly what stem cell therapy is and what advantages it has over other treatments?
2. India has achieved remarkable successes in unmanned space missions including the Chandrayaan and Mars Orbiter Mission, but has not ventured into manned space missions. What are the main obstacles to launching a manned space mission, both in terms of technology and logistics? Examine critically.
3. Give an account of the growth and development of nuclear science and technology in India. What is the advantage of fast breeder reactor programme in India?

**2016**

1. Give an account of the current status and the targets to be achieved pertaining to renewable energy sources in the country. Discuss in brief the importance of National Programme on light Emitting Diodes (LEDs).
2. Discuss India's achievements in the field of Space Science and Technology. How the application of this technology has helped India in its socio-economic development?
3. Why is nanotechnology one of the key technologies of the 21st century? Describe the salient features of Indian Government's Mission on Nano-science and Technology and the scope of its application in the development process of the country.

# Civil Services (Main) Exam

## Essay Questions (2011-2023)



**2023**

### Section-A

1. Thinking is like a game, it does not begin unless there is an opposite team.
2. Visionary decision-making happens at the intersection of intuition and logic.
3. Not all who wander are lost.
4. Inspiration for creativity springs from the effort to look for the magical in the mundane.

### Section-B

5. Girls are weighed down by restrictions, boys with demands – two equally harmful disciplines.
6. Mathematics is the music of reason.
7. A society that has more justice is a society that needs less charity.
8. Education is what remains after one has forgotten what one has learned in school.

**2022**

### Section-A

1. Forests are the best case studies for economic excellence.
2. Poets are the unacknowledged legislators of the world.
3. History is a series of victories won by the scientific man over the romantic man.
4. A ship in harbor is safe, but that is not what ship is for.

### Section-B

5. The time to repair the roof is when the sun is shining.
6. You cannot step twice in the same river.
7. A smile is the chosen vehicle for all ambiguities.
8. Just because you have a choice, it does not mean that any of them has to be right.

**2021**

### Section-A

1. The process of self-discovery has now been technologically outsourced.
2. Your perception of me is a reflection of you; my reaction to you is an awareness of me.
3. Philosophy of wantlessness is utopian, while materialism is a chimera.
4. The real is rational and the rational is real.

### Section-B

5. Hand that rocks the cradle rules the world.
6. What is research, but a blind date with knowledge!
7. History repeats itself, first as a tragedy, second as a farce.
8. There are better practices to “best practices”.

**2020**

### Section-A

1. Life is long journey between human being and being humane.
2. Mindful manifesto is the catalyst to a tranquil self.
3. Ships do not sink because of water around them, ships sink because of water that gets into them.
4. Simplicity is the ultimate sophistication.

### Section-B

5. Culture is what we are, civilization is what we have.
6. There can be no social justice without economic prosperity but economic prosperity without social justice is meaningless.
7. Patriarchy is the least noticed yet the most significant structure of social inequality.
8. Technology as the silent factor in international relations.

**2019**

### Section-A

1. Wisdom finds truth.
2. Values are not what humanity is, but what humanity ought to be.
3. Best for an individual is not necessarily best for the society.
4. Courage to accept and dedication to improve are two keys to success.

### Section-B

5. South Asian societies are woven not around the state, but around their plural cultures and plural identities.
6. Neglect of primary health care and education in India are reasons for its backwardness.
7. Biased media is a real threat to Indian democracy.
8. Rise of Artificial Intelligence: the threat of jobless future or better job opportunities through reskilling and upskilling.

**2018**

### Section-A

1. Alternative technologies for a climate change resilient India.

## 1. Indus Valley Civilization

### 2. Vedic Period

## 3. Jain Religion

### 4. Buddhist Religion

### 1. Indus Valley Civilization

1. Consider the following pairs:

<i>Historical Place</i>	<i>Well-known for</i>
1. Burzahom	: Rock-cut shrines
2. Chandraketugarh	: Terracotta art
3. Ganeshwar	: Copper artefacts

Which of the pairs given above is/are correctly matched?

- (a) 1 only (b) 1 and 2  
(c) 3 only (d) 2 and 3

(CSE PT 2021)

2. Which one of the following is not a Harappan site?

- (a) Chanhudaro (b) Kot Diji  
(c) Sohagaura (d) Desalpur

(CSE PT 2019)

3. Which of the following characterizes/characterize the people of Indus Civilization?

1. They possessed great palaces and temples.  
2. They worshipped both male and female deities.  
3. They employed horse-drawn chariots in warfare.

Select the correct statement/statements using the codes given below:

- (a) 1 and 2 only (b) 2 only  
(c) 1, 2 and 3  
(d) None of the statements given above is correct

(CSE PT 2013)

4. Regarding the Indus Valley Civilization, consider the following statements:

1. It was predominantly a secular civilization and the religious element, though present, did not dominate the scene.  
2. During this period, cotton was used for manufacturing textiles in India.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only  
(c) Both 1 and 2 (d) Neither 1 nor 2

(CSE PT 2011)

### 2. Vedic Period

1. With reference to the difference between the culture of Rigvedic Aryans and Indus Valley people, which of the following statements is/are correct?

1. Rigvedic Aryans used the coat of mail and helmet in warfare whereas the people of Indus Valley Civilization did not leave any evidence of using them.  
2. Rigvedic Aryans knew gold, silver and copper whereas Indus Valley people knew only copper and iron.  
3. Rigvedic Aryans had domesticated the horse whereas there is no evidence of Indus Valley people having been aware of this animal.

Select the correct answer using the code given below:

- (a) 1 only (b) 2 and 3 only  
(c) 1 and 3 only (d) 1, 2 and 3

(CSE PT 2017)

2. The national motto of India, 'Satyameva Jayate' inscribed below the Emblem of India is taken from

- (a) Katha Upanishad  
(b) Chandogya Upanishad  
(c) Aitareya Upanishad  
(d) Mundaka Upanishad

(CSE PT 2014)

3. The religion of early Vedic Aryans was primarily of

- (a) Bhakti  
(b) image worship and Yajnas  
(c) worship of nature and Yajnas  
(d) worship of nature and Bhakti

(CSE PT 2012)

4. With reference to the guilds (Shreni) of ancient India that played a very important role in the country's economy, which of the following statements is/are correct?

1. Every guild was registered with the central authority of the State and the king was the chief administrative authority on them.  
2. The wages, rules of work, standards and prices were fixed by the guild.  
3. The guild had judicial powers over its own members.

Select the correct answer using the codes given below:

- (a) 1 and 2 only (b) 3 only  
(c) 2 and 3 only (d) 1, 2 and 3

(CSE PT 2012)

5. The "dharma" and "rita" depict a central idea of ancient Vedic civilization of India. In this context, consider the following statements:

1. Dharma was a conception of obligations and of the discharge of one's duties to oneself and to others.  
2. Rita was the fundamental moral law governing the functioning of the universe and all it contained.

Which of the statements given above is/ are correct?

- (a) 1 only (b) 2 only  
(c) Both 1 and 2 (d) Neither 1 nor 2

(CSE PT 2011)

### 3. Jain Religion

1. "Souls are not only the property of animal and plant life, but also of rocks, running water and many other natural objects not looked 'on as living by other religious sects."

The above statement reflects one of the core beliefs of which one of the following religious sects of ancient India?

## 5. Mauryan Period

**1. Consider the following pairs:**

<i>Site of Ashoka's major rock edicts</i>	<i>Location in the State of</i>
Dhaulti	– Odisha
Erragudi	– Andhra Pradesh
Jaugada	– Madhya Pradesh
Kalsi	– Karnataka

**How many pairs given above are correctly matched?**

(a) Only one pair                      (b) Only two pairs  
(c) Only three pairs                  (d) All four pairs

(CSE PT 2022)

**2. According to Kautilya's Arthashastra, which of the following are correct?**

1. A person could be a slave as a result of a judicial punishment.
2. If a female slave bore her master a son, she was legally free.
3. If a son born to a female slave was fathered by her master, the son was entitled to the legal status of the master's son.

**Which of the statements given above are correct?**

- (a) 1 and 2 only                                      (b) 2 and 3 only  
(c) 1 and 3 only                                      (d) 1, 2 and 3

(CSE PT 2022)

**3. Who among the following rulers advised his subjects through this inscription?**

“Whosoever praises his religious sect or blames other sects out of excessive devotion to his own sect, with the view of glorifying his own sect, he rather injures his own sect very severely.”

- (a) Ashoka                                              (b) Samudragupta  
(c) Harshavardhana                              (d) Krishna Deva Raya

(CSE PT 2020)

**4. In which of the following relief sculpture inscriptions is 'Ranyo Ashoka' (King Ashoka) mentioned along with the stone portrait of Ashoka?**

- (a) Kanganahalli                                      (b) Sanchi  
(c) Shahbazgarhi                                      (d) Sohgaura

(CSE PT 2019)

**5. Who of the following had first deciphered the edicts of Emperor Ashoka?**

- (a) Georg Buhler                                      (b) James Prinsep  
(c) Max Muller                                        (d) William Jones

(CSE PT 2016)

## 6. Post-Mauryan Period

**1. Which one of the following was a very important seaport in the Kakatiya kingdom?**

- (a) Kakinada                                          (b) Motupalli  
(c) Machilipatnam                                  (d) Nelluru

(CSE PT 2017)

**2. With reference to the economic history of medieval India, the term 'Araghatta' refers to**

- (a) Bonded labour  
(b) Land grants made to military officer  
(c) Waterwheel used in the irrigation of land  
(d) Wasteland converted to cultivated land

(CSE PT 2016)

## 7. Gupta & Post-Gupta Period

**1. Which one of the following ancient towns is well-known for its elaborate system of water harvesting and management by building a series of dams and channelizing water into connected reservoirs?**

- (a) Dholavira                                          (b) Kalibangan  
(c) Rakhigarhi                                        (d) Ropar

(CSE PT 2021)

**2. With reference to the period of Gupta dynasty in ancient India, the towns Ghantasala, Kadura and Chaul were well known as**

- (a) ports handling foreign trade  
(b) capital of powerful kingdoms  
(c) places of exquisite stone art and architecture  
(d) important Buddhist pilgrimage centres

(CSE PT 2020)

**3. Consider the following events in the history of India:**

1. Rise of Pratiharas under King Bhoja
2. Establishment of Pallava power under Mahendravarman – I
3. Establishment of Chola Parantaka – I
4. Pala dynasty founded by Gopala

**What is the correct chronological order of the above events, starting from the earliest time?**

- (a) 2-1-4-3                                              (b) 3-1-4-2  
(c) 2-4-1-3                                              (d) 3-4-1-2

(CSE PT 2020)

**4. With reference to the history of India, the terms "kulyavapa" and "dronavapa" denote**

- (a) measurement of land  
(b) coins of different monetary value  
(c) classification of urban land  
(d) religious rituals

(CSE PT 2020)

## 11. Early Medieval Period

1. Consider the following dynasties:

- |             |               |
|-------------|---------------|
| 1. Hoysala  | 2. Gahadavala |
| 3. Kakatiya | 4. Yadava     |

How many of the above dynasties established their kingdoms in early eighth century AD?

- |                |              |
|----------------|--------------|
| (a) Only one   | (b) Only two |
| (c) Only three | (d) None     |

(CSE PT 2023)

2. Consider the following pairs:

King	Dynasty
Nannuka	– Chandela
Jayashakti	– Paramara
Nagabhata II	– Gurjara-Pratihara
Bhoja	– Rashtrakuta

How many pairs given above are correctly matched?

- |                      |                    |
|----------------------|--------------------|
| (a) Only one pair    | (b) Only two pairs |
| (c) Only three pairs | (d) All four pairs |

(CSE PT 2022)

## 12. Delhi Sultanate

1. Who among the following rulers of medieval Gujarat surrendered Diu to Portuguese?

- |                  |                    |
|------------------|--------------------|
| (a) Ahmad Shah   | (b) Mahmud Begarha |
| (c) Bahadur Shah | (d) Muhammad Shah  |

(CSE PT 2023)

2. With reference to Indian history, who of the following were known as “Kulah Daran”?

- |                            |               |
|----------------------------|---------------|
| (a) Arab merchants         | (b) Qalandars |
| (c) Persian calligraphists | (d) Sayyids   |

(CSE PT 2022)

3. The Prime Minister recently inaugurated the new Circuit House near Somnath Temple at Veraval. Which of the following statements are correct regarding Somnath Temple?

- Somnath Temple is one of the Jyotirlinga shrines.
- A description of Somnath Temple was given by Al-Biruni.
- Pran Pratishtha of Somnath Temple (installation of the present-day temple) was done by President S. Radhakrishnan.

Select the correct answer using the code given below:

- |                  |                  |
|------------------|------------------|
| (a) 1 and 2 only | (b) 2 and 3 only |
| (c) 1 and 3 only | (d) 1, 2 and 3   |

(CSE PT 2022)

4. With reference to Indian history, consider the following statements:

1. The first Mongol invasion of India happened during

the reign of Jalal-ud-din Khalji.

2. During the reign of Ala-ud-din Khalji, one Mongol assault marched up to Delhi and besieged the city.
3. Muhammad-bin Tughlaq temporarily lost portions of northwest of his kingdom to Mongols.

Which of the statements given above is/are correct?

- |             |            |
|-------------|------------|
| (a) 1 and 2 | (b) 2 only |
| (c) 1 and 3 | (d) 3 only |

(CSE PT 2022)

5. Consider the following statements:

1. It was during the reign of Iltutmish that Chengiz Khan reached the Indus in pursuit of the fugitive Khwarezm prince.
2. It was during the reign of Muhammad bin Tughluq that Taimur occupied Multan and crossed the Indus.
3. It was during the reign of Deva Raya II of Vijayanagara Empire that Vasco da Gama reached the coast of Kerala.

Which of the statements given above is/are correct?

- |            |             |
|------------|-------------|
| (a) 1 only | (b) 1 and 2 |
| (c) 3 only | (d) 2 and 3 |

(CSE PT 2021)

6. Consider the following statements:

1. St. Francis Xavier was one of the founding members of the Jesuit Order.
2. St. Francis Xavier died in Goa and a church is dedicated to him there.
3. The Feast of St. Francis Xavier is celebrated in Goa each year.

Which of the statements given above are correct?

- |                  |                  |
|------------------|------------------|
| (a) 1 and 2 only | (b) 2 and 3 only |
| (c) 1 and 3 only | (d) 1, 2 and 3   |

(CSE PT 2021)

7. Consider the following statements:

1. In the revenue administration of Delhi Sultanate, the in-charge of revenue collection was known as ‘Amil’.
2. The Iqta system of Sultans of Delhi was an ancient indigenous institution.
3. The office of ‘Mir Bakshi’ came into existence during the reign of Khalji Sultans of Delhi.

Which of the statements given above is/are correct?

- |            |                  |
|------------|------------------|
| (a) 1 only | (b) 1 and 2 only |
| (c) 3 only | (d) 1, 2 and 3   |

(CSE PT 2019)

## 13. Vijayanagara Empire

1. Who among the following rulers of Vijayanagara Empire constructed a large dam across Tungabhadra River and a canal-cum-aqueduct several kilometres long from the river to the capital city?

**19. Peasant Movement & Tribal Rebellion**

1. With reference to the history of India, “Ulgulan” or the Great Tumult is the description of which of the following events?

- (a) The Revolt of 1857
- (b) The Mappila rebellion of 1921
- (c) The Indigo revolt of 1859 – 60
- (d) Birsa Munda’s revolt of 1899-1900

(CSE PT 2020)

2. After the Santhal Uprising subsided, what was/were the measure/measures taken by the colonial government?

- 1. The territories called Santhal Paraganas’ were created.
- 2. It became illegal for a Santhal to transfer land to a non-Santhal.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) neither 1 nor 2

(CSE PT 2018)

3. Which amongst the following provided a common factor for tribal insurrection in India in the 19th century?

- (a) Introduction of a new system of land revenue and taxation of tribal products
- (b) Influence of foreign religious missionaries in tribal areas
- (c) Rise of a large number of money lenders, traders and revenue farmers as middlemen in tribal areas
- (d) The complete disruption of the old agrarian order of the tribal communities

(CSE PT 2011)

**20. Religious and Social Reform of India**

1. Who among the following was associated as Secretary with Hindu Female School which later came to be known as Bethune Female School?

- (a) Annie Besant
- (b) Debendranath Tagore
- (c) Ishwar Chandra Vidyasagar
- (d) Sarojini Naidu

(CSE PT 2021)

2. In the context of Indian history, the Rakhmabai case of 1884 revolved around:

- 1. Women’s right to gain education
- 2. Age of consent
- 3. Restitution of conjugal rights

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

(CSE PT 2020)

3. The Vital-Vidhvansak, the first monthly journal to have the untouchable people as its target audience was published by

- (a) Gopal Baba Walangkar
- (b) Jyotiba Phule
- (c) Mohandas Karamchand Gandhi
- (d) Bhimrao Ramji Ambedkar

(CSE PT 2020)

4. Consider the following pairs:

Movement/ Organization	Leader
1. All India Anti Untouchability Gandhi League	- Mahatma
2. All India Kisan	- Swami Sahajanand Sabha Saraswati
3. Self Respect Movement	- E.V.Ramaswami Naicker

Which of the pairs given above is/are correctly matched?

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

(CSE PT 2019)

5. With reference to educational institutions during colonial rule in India, consider the following pairs:

Institution	Founder
1. Sanskrit College at Benaras	William Jones
2. Calcutta Madarsa	Warren Hastings
3. Fort William Arthur College	Arthur Wellesley

Which of the pairs given above is/are correct?

- (a) 1 and 2
- (b) 2 only
- (c) 1 and 3
- (d) 3 only

(CSE PT 2018)

6. Satya Shodhak Samaj organized

- (a) a movement for upliftment of tribals in Bihar
- (b) a temple-entry movement in Gujarat
- (c) an anti-caste movement in Maharashtra
- (d) A peasant movement in Punjab

(CSE PT 2016)

**21. Rise of Nationalism in India**

1. Consider the following freedom fighters:

- 1. Barindra Kumar Ghosh
- 2. Jogesh Chandra Chatterjee
- 3. Rash Behari Bose

Who of the above was/were actively associated with the Ghadar Party?

- (a) 1 and 2
- (b) 2 only
- (c) 1 and 3
- (d) 3 only

(CSE PT 2022)

### 22. Independence Movement in India

1. With reference to 8th August, 1942 in Indian history, which one of the following statements is correct?

- The Quit India Resolution was adopted by the AICC.
- The Viceroy's Executive Council was expanded to include more Indians.
- The Congress ministries resigned in seven provinces.
- Cripps proposed an Indian Union with full Dominion Status once the Second World War was over.

(CSE PT 2021)

2. Consider the following statements:

- The Montagu-Chelmsford Reforms of 1919 recommended granting voting rights to all the women above the age of 21.
- The Government of India Act of 1935 gave women reserved seats in legislature.

Which of the statements given above is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

(CSE PT 2021)

3. Indigo cultivation in India declined by the beginning of the 20th century because of

- Peasant resistance to the oppressive conduct of planters
- Its unprofitability in the world market because of new inventions.
- National leaders' opposition to the cultivation of indigo
- Government control over the planters

(CSE PT 2020)

4. Wellesley established the Fort William College at Calcutta because

- He was asked by the Board of Directors at London to do so.
- He wanted to revive interest in oriental learning in India
- He wanted to provide William Carey and his associates' employment.
- He wanted to train British civilians for administrative purposes in India.

(CSE PT 2020)

5. With reference to the book "Deshar Katha" written by Sakharam Ganesh Deuskar during the freedom struggle, consider the following statements:

- It warned against the colonial state's hypnotic conquest of the mind.
- It inspired the performance of swadeshi street plays and folk songs.
- The use of 'desh' by Deuskar was in the specific context of the region of Bengal.

Which of the statements given above are correct?

- 1 and 2 only
- 2 and 3 only
- 1 and 3 only
- 1, 2 and 3

(CSE PT 2020)

6. With reference to Indian National Movement, consider the following pairs:

Person	Position Held
1. Sir Tej Bahadur Sapru	: President, All India Liberal Federation
2. K.C. Neogy	: Member, the Constituent Assembly
3. P.C. Joshi	: General Secretary, Communist Party of India

Which of the pairs given above is/are correctly matched?

- 1 only
- 1 and 2 only
- 3 only
- 1, 2 and 3

(CSE PT 2019)

7. With reference to Swadeshi Movements, consider the following statements:

- It contributed to the revival of the indigenous artisan crafts and industries.
- The National Council of Education was established as a part of Swadeshi Movement.

Which of the statements given above is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

(CSE PT 2019)

8. He wrote biographies of Mazzini, Gari-baldi, Shivaji and Shrikrishna; stayed in America for some time; and was also elected to the Central Assembly. He was

- Aurobindo Ghosh
- Bipin Chandra Pal
- Lala Lajpat Rai
- Motilal Nehru

(CSE PT 2018)

9. Who among the following were the founders of the "Hind Mazdoor Sabha" established in 1948?

- B. Krishna Pillai, E.M.S. Namboodiripad and K.C. George
- Jayaprakash Narayan, Deen Dayal Upadhyay and M.N. Roy
- C.P. Ramaswamy Iyer, K. Kamaraj and Veeresalingam Pantulu
- Ashok Mehta, T.S. Ramanujam and G.G. Mehta

(CSE PT 2018)

10. Which among the following events happened earliest?

- Swami Dayanand established Arya Samaj
- Dinabandhu Mitra wrote Neeldarpan
- Bankim Chandra Chattopadhyay wrote Anandmath
- Satyendranath Tagore became the first Indian to succeed in the Indian Civil Services Examination

(CSE PT 2018)

**1. World Geography: Map**

1. Consider the following countries:

- |              |                   |
|--------------|-------------------|
| 1. Bulgaria  | 2. Czech Republic |
| 3. Hungary   | 4. Latvia         |
| 5. Lithuania | 6. Romania        |

How many of the above-mentioned countries share a land border with Ukraine?

- |               |                |
|---------------|----------------|
| (a) Only two  | (b) Only three |
| (c) Only four | (d) Only five  |

(CSE PT 2023)

2. With reference to India's projects on connectivity, consider the following statements:

- East-West Corridor under Golden Quadrilateral Project connects Dibrugarh and Surat.
- Trilateral Highway connects Moreh in Manipur and Chiang Mai in Thailand via Myanmar.
- Bangladesh-China-India-Myanmar Economic Corridor connects Varanasi in Uttar Pradesh with Kunming in China.

How many of the above statements are correct?

- |               |              |
|---------------|--------------|
| (a) Only one  | (b) Only two |
| (c) All three | (d) None     |

(CSE PT 2023)

3. Which one of the following is a part of the Congo Basin?

- |                 |             |
|-----------------|-------------|
| (a) Cameroon    | (b) Nigeria |
| (c) South Sudan | (d) Uganda  |

(CSE PT 2023)

4. Consider the following pairs

River	Flows into
1. Mekong	Andaman Sea
2. Thames	Irish Sea
3. Volga	Caspian Sea
4. Zambezi	Indian Ocean

Which of the pairs given above is/are correctly matched?

- |                  |                      |
|------------------|----------------------|
| (a) 1 and 2 only | (b) 3 only           |
| (c) 3 and 4 only | (d) 1, 2 and 4 only; |

(CSE PT 2020)

5. Consider the following pairs:

Sea	Bordering Country
1. Adriatic Sea	: Albania
2. Black Sea	: Croatia
3. Caspian Sea	: Kazakhstan
4. Mediterranean Sea	: Morocco
5. Red Sea	: Syria

Which of the pairs given above are correctly matched?

- |                     |                     |
|---------------------|---------------------|
| (a) 1, 2 and 4 only | (b) 1, 3 and 4 only |
|---------------------|---------------------|

- |                      |
|----------------------|
| (c) 2 and 5 only     |
| (d) 1, 2, 3, 4 and 5 |

(CSE PT 2019)

6. Which of the following has / have shrunk immensely / dried up in the recent past due to human activities?

- |                |              |
|----------------|--------------|
| 1. Aral Sea    | 2. Black Sea |
| 3. Lake Baikal |              |

Select the correct answer using the code given below:

- |            |                  |
|------------|------------------|
| (a) 1 only | (b) 2 and 3 only |
| (c) 2 only | (d) 1 and 3      |

(CSE PT 2018)

7. Mediterranean Sea is a border of which of the following countries?

- |            |          |
|------------|----------|
| 1. Jordan  | 2. Iraq  |
| 3. Lebanon | 4. Syria |

Select the correct answer using the code given below:

- |                     |                     |
|---------------------|---------------------|
| (a) 1, 2 and 3 only | (b) 2 and 3 only    |
| (c) 3 and 4 only    | (d) 1, 3 and 4 only |

(CSE PT 2017)

8. Turkey is located between

- |                                        |
|----------------------------------------|
| (a) Black Sea and Caspian Sea          |
| (b) Black Sea and Mediterranean        |
| (c) Gulf of Suez and Mediterranean Sea |
| (d) Gulf of Aqaba and Dead Sea         |

(CSE PT 2014)

9. Between India and East Asia, the navigation time and distance can be greatly reduced by which of the following?

- Deepening the Malacca straits between Malaysia and Indonesia.
- Opening a new canal across the Kra Isthmus between the Gulf of Siam and Andaman Sea.

Which of the statements given above is/are correct?

- |                  |                     |
|------------------|---------------------|
| (a) 1 only       | (b) 2 only          |
| (c) Both 1 and 2 | (d) Neither 1 nor 2 |

(CSE PT 2011)

**2. Our Universe, Solar System & Evolution of Earth**

1. Consider the following pairs:

Objects in space	Description
1. Cepheids	: Giant clouds of dust and gas in space
2. Nebulae	: Stars which brighten and dim periodically
3. Pulsars	: Neutron stars that are formed when massive stars run out of fuel and collapse



**6. Atmosphere & Weather****1. Consider the following statements:**

**Statement-I:** The temperature contrast between continents and oceans is greater during summer than in winter.

**Statement-II:** The specific heat of water is more than that of land surface.

**Which one of the following is correct in respect of the above statements?**

- Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- Statement-I is correct but Statement-II is incorrect
- Statement-I is incorrect but Statement-II is correct

(CSE PT 2023)

**2. With reference to the Earth's atmosphere, which one of the following statements is correct?**

- The total amount of insolation received at the equator is roughly about 10 times of that received at the poles.
- Infrared rays constitute roughly two-thirds of insolation.
- Infrared waves are largely absorbed by water vapour that is concentrated in the lower atmosphere.
- Infrared waves are a part of visible spectrum of electromagnetic waves of solar radiation.

(CSE PT 2023)

**3. Consider the following statements:**

- High clouds primarily reflect solar radiation and cool the surface of the Earth.
- Low clouds have a high absorption of infrared radiation emanating from the Earth's surface and thus cause warming effect.

**Which of the statements given above is/are correct?**

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

(CSE PT 2022)

**4. The vegetation of Savannah consists of grassland with scattered small trees, but extensive areas have no trees. The forest development in such areas is generally kept in check by one or more or a combination of some conditions. Which of the following are such conditions?**

- Burrowing animals and termites
- Fire
- Grazing herbivores

4. Seasonal rainfall

5. Soil properties

**Select the correct answer using the code given below:**

- 1 and 2
- 4 and 5
- 2, 3 and 4
- 1, 3 and 5

(CSE PT 2021)

**5. Consider the following statements:**

- Jet streams occur in the Northern Hemisphere only.
- Only some cyclones develop an eye.
- The temperature inside the eye of a cyclone is nearly 100C lesser than that of the surroundings.

**Which of the statements given above is/are correct?**

- 1 only
- 2 and 3 only
- 2 only
- 1 and 3 only

(CSE PT 2020)

**6. Why are dewdrops not formed on a cloudy night?**

- Clouds absorb the radiation released from the Earth's surface.
- Clouds reflect back the Earth's radiation.
- The Earth's surface would have low temperature on cloudy nights.
- Clouds deflect the blowing wind to ground level.

(CSE PT 2019)

**7. In the context of which of the following do some scientists suggest the use of cirrus cloud thinning technique and the injection of sulphate aerosol into stratosphere?**

- Creating the artificial rains in some regions
- Reducing the frequency and intensity of tropical cyclones
- Reducing the adverse effects of solar wind on the Earth
- Reducing the global warming

(CSE PT 2019)

**8. In the South Atlantic and South-Eastern Pacific regions in tropical latitudes, cyclone does not originate. What is the reason?**

- Sea surface temperatures are low
- Inter-Tropical Convergence Zone seldom occurs
- Coriolis force is too weak
- Absence of land in those regions

(CSE PT 2015)

**9. "Each day is more or less the same, the morning is clear and bright with a sea breeze; as the Sun climbs high in the sky, heat mounts up, dark clouds form, then rain comes with thunder and lightning. But rain is soon over."**

**Which of the following regions is described in the above passage?**

**8. Agricultural Production in the World**

1. Consider the following statements:

1. India has more arable area than China.
2. The proportion of irrigated area is more in India as compared to China.
3. The average productivity per hectare in Indian agriculture is higher than that in China.

How many of the above statements are correct?

- (a) Only one                      (b) Only two  
(c) All three                      (d) None

(CSE PT 2023)

2. Which one of the following groups of plants was domesticated in the 'New World' and introduced into the 'Old World'?

- (a) Tobacco, cocoa and rubber  
(b) Tobacco, cotton and rubber  
(c) Cotton, coffee and sugarcane  
(d) Rubber, coffee and wheat

(CSE PT 2019)

3. Among the following, which one is the largest exporter of rice in the world in the last five years?

- (a) China                              (b) India  
(c) Myanmar                      (d) Vietnam

(CSE PT 2019)

4. With reference to the usefulness of the by-products of sugar industry, which of the following statements is/are correct?

1. Bagasse can be used as biomass fuel for the generation of energy.
2. Molasses can be used as one of the feedstocks for the production of synthetic chemical fertilizers.
3. Molasses can be used for the production of ethanol.

Select the correct answer using the codes given below:

- (a) 1 only                              (b) 2 and 3 only  
(c) 1 and 3 only                      (d) 1, 2 and 3

(CSE PT 2013)

**9. Major Cities/Places/Countries of the World**

1. Consider the following pairs:

- |                                 |                                    |
|---------------------------------|------------------------------------|
| Regions often mentioned in news | Reason for being in news           |
| 1. North Kivu and Ituri         | War between Armenia and Azerbaijan |
| 2. Nagorno-Karabakh             | Insurgency in Mozambique           |
| 3. Kherson and Zaporizhzhia     | Dispute between Israel and Lebanon |

How many of the above pairs are correctly matched?

- (a) Only one                      (b) Only two  
(c) All three                      (d) None

(CSE PT 2023)

2. Consider the following pairs:

*Area of conflict mentioned in news it is locate*      *Country where*

- |         |   |             |
|---------|---|-------------|
| Don bas | : | Syria       |
| Kachin  | : | Ethiopia    |
| Tigray  | : | North Yemen |

How many of the above pairs are correctly matched?

- (a) Only one                      (b) Only two  
(c) All three                      (d) None

(CSE PT 2023)

3. Consider the following countries:

- |               |               |
|---------------|---------------|
| 1. Armenia    | 2. Azerbaijan |
| 3. Croatia    | 4. Romania    |
| 5. Uzbekistan |               |

Which of the above are members of the Organization of Turkic States?

- (a) 1, 2 and 4                      (b) 1 and 3  
(c) 2 and 5                      (d) 3, 4 and 5

(CSE PT 2022)

4. Consider the following countries:

- |               |                 |
|---------------|-----------------|
| 1. Azerbaijan | 2. Kyrgyzstan   |
| 3. Tajikistan | 4. Turkmenistan |
| 5. Uzbekistan |                 |

Which of the above have borders with Afghanistan?

- (a) 1, 2 and 5 only                      (b) 1, 2, 3 and 4 only  
(c) 3, 4 and 5 only                      (d) 1, 2, 3, 4 and 5

(CSE PT 2022)

5. Consider the following statements:

1. Bidibidi is a large refugee settlement in north-western Kenya.
2. Some people who fled from South Sudan civil war live in Bidibidi.
3. Some people who fled from civil war in Somalia live in Dadaab refugee complex in Kenya.

Which of the statements given above is/are correct?

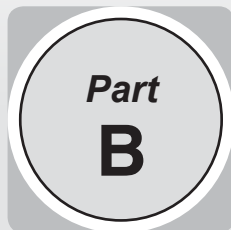
- (a) 1 and 2                              (b) 2 only  
(c) 2 and 3                              (d) 3 only

(CSE PT 2022)

6. Which one of the following statements best reflects the issue with Senkaku Islands, sometimes mentioned in the news?

- (a) It is generally believed that they are artificial islands made by a country around South China Sea.  
(b) China and Japan engage in maritime disputes over these islands in East China Sea.  
(c) A permanent American military base has been set up there to help Taiwan to increase its defence capabilities  
(d) Through International Court of Justice declared them as no man's land, some South-East Asian countries claim them.

(CSE PT 2022)



## Logical Reasoning & Analytical Ability

### Decision Making & Problem Solving

### Interpersonal Skills including Communication Skills



1. Consider the following statements in respect of five candidates P, Q, R, S and T. Two statements are true and one statement is false.

**True Statement:** One of P and Q was selected for the job.

**False Statement:** At least one of R and S was selected for the job

**True Statement:** At most two of R, S and T were selected for the job.

Which of the following conclusions can be drawn?

- At least four were selected for the job.
- S was selected for the job.

Select the correct answer using the code given below:

- (a) 1 only                      (b) 2 only  
(c) Both 1 and 2              (d) Neither 1 nor 2

*UPSC-CSE-GS PAPER-II-2023*

2. Consider the Question and two Statements given below:

**Question:** Is Z brother of X?

**Statement-1 :** X is a brother of Y and Y is a brother of Z.

**Statement-2:** X, Y and Z are siblings.

Which one of the following is correct in respect of the Question and the Statement?

- (a) Statement-1 alone is sufficient to answer the Question  
(b) Statement-2 alone is sufficient to answer the Question  
(c) Both Statement-1 and Statement-2 are sufficient to answer the Question  
(d) Both Statement-1 and Statement-2 are not sufficient to answer the Question

*UPSC-CSE-GS PAPER-II-2022*

3. Six lectures A, B, C, D, E and F, each of one hour duration, are scheduled between 8:00 a.m. and 2:00 p.m.

Consider the Question and two Statements given below:

**Question:** Which lecture is in the third period?

**Statement-1:** Lecture F is preceded by A and followed by C.

**Statement-2** There is no lecture after lecture B.

Which one of the following is correct in respect of the Question and the Statements?

- (a) Statement-1 alone is sufficient to answer the Question  
(b) Statement-2 alone is sufficient to answer the Question  
(c) Both Statement-1 and Statement-2 are sufficient to answer the Question  
(d) Both Statement-1 and Statement-2 are not sufficient to answer the Question

*UPSC-CSE-GS PAPER-II-2022*

4. In a group of 120 persons, 80 are Indians and rest are foreigners. Further, 70 persons in the group can speak English. The number of Indians who can speak English is

- (a) 20                              (b) 30  
(c) 30 or less                  (d) 30 or more

*UPSC-CSE-GS PAPER-II-2021*

5. There are two Classes A and B having 25 and 30 students respectively. In Class-A the highest score is 21 and lowest score is 17. In Class-B the highest score is 30 and lowest score is 22. Four students are shifted from Class-A to Class-B.

Consider the following statements:

- The average score of Class-B will definitely decrease.
- The average score of Class-A will definitely increase.

Which of the above statements is/are correct?

- (a) 1 only                              (b) 2 only  
(c) Both 1 and 2                      (d) Neither 1 nor 2

*UPSC-CSE-GS PAPER-II-2021*

6. Consider two Statements and a Question:

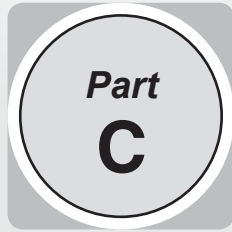
**Statement-1 :** The last day of the month is a Wednesday.

**Statement-2 :** The third Saturday of the month was the seventeenth day.

**Question:** What day is the fourteenth of the given month?

Which one of the following is correct in respect of the Statements and the Question?

- (a) Statement-1 alone is sufficient to answer the Question



# General Mental Ability

## 1. Coding-Decoding

1. It 'ZERO' is written as 'CHUR', then how is 'PLAYER' written?  
(a) SOCAGT (b) SODBG T  
(c) SODBHT (d) SODBH U  
*UPSC-CSE-GS PAPER-II-2023*
2. The letters of the word "INCOMPREHENSIBILITIES" are arranged alphabetically in reverse order. How many positions of the letter/letters will remain unchanged?  
(a) None (b) One  
(c) Two (d) Three  
*UPSC-CSE-GS PAPER-II-2023*
3. AB and CD are 2-digit numbers. Multiplying AB with CD results in a 3-digit number DEF. Adding DEF to another 3-digit number GHI results in 975. Further A, B, C, D, E, F, G, H, I are distinct digits. If  $E = 0$ ,  $F = 8$ , then what is  $A + B + C$  equal to?  
(a) 6 (b) 7  
(c) 8 (d) 9  
*UPSC-CSE-GS PAPER-II-2023*
4. If the order of the letters in the English alphabet is reversed and each letter represents the letter whose position it occupies, then which one of the following represents 'LUCKNOW'?  
(a) OGXPMLD (b) OGXQMLE  
(c) OFXPML E (d) OFXPML D  
*UPSC-CSE-GS PAPER-II-2022*
5. Images of consonants of the English alphabet (Capitals) are observed in a mirror. What is the number of images of these which do not look like their original shapes?  
(a) 13 (b) 14  
(c) 15 (d) 16  
*UPSC-CSE-GS PAPER-II-2021*
6. In the English alphabet, the first 4 letters are written in opposite order; and the next 4 letters are written in opposite order and so on; and at the end Y and Z are interchanged. Which will be the fourth letter to the right of the 13th letter?  
(a) N (b) T  
(c) H (d) I  
*UPSC-CSE-GS PAPER-II-2021*
7. In a code language 'MATHEMATICS' is written as 'LBSIDNZUHDR'. How is 'CHEMISTRY' written in that code language?  
(a) DIDLHRSSX (b) BIDNHTSSX  
(c) BIDLHTSSX (d) DGFLIRUQZ  
*UPSC-CSE-GS PAPER-II-2021*
8. The letters from A to Z are numbered from 1 to 26 respectively. If GHI = 1578 and DEF 912, then what is ABC equal to?  
(a) 492 (b) 468  
(c) 262 (d) 246  
*UPSC-CSE-GS PAPER-II-2020*
9. If every alternative letter of the English alphabet from B onwards (including B) is written in lower case (small letters) and the remaining letters are capitalized, then how is the first month of the second half of the year written?  
(a) JuLY (b) jULy  
(c) jUIy (d) jUIY  
*UPSC-CSE-GS PAPER-II-2019*
10. If \$ means 'divided by'; @ means 'multiplied by'; # means 'minus', then the value of  $10\#5@1\$5$  is  
(a) 0 (b) 1  
(c) 2 (d) 9  
*UPSC-CSE-GS PAPER-II-2019*
11. If LSJXVC is the code for MUMBAI, the code for DELHI is  
(a) CCIDD (b) CDKGH  
(c) CCJFG (d) CCIFE  
*UPSC-CSE-GS PAPER-II-2018*
12. If RAMON is written as 12345 and DINESH as 675849, then HAMAM will be written as  
(a) 92233 (b) 92323  
(c) 93322 (d) 93232  
*UPSC-CSE-GS PAPER-II-2018*
13. In a certain code, '256' means 'red colour chalk', '589' means 'green colour flower' and '254' means 'white colour chalk'. The digit in the code that indicates 'white' is  
(a) 2 (b) 4  
(c) 5 (d) 8  
*UPSC-CSE-GS PAPER-II-2017*

# Basic Numeracy

## 1. Arithmetic

(Age, Average, Numer System, Simplification, etc.)

- What is the remainder when  $85 \times 87 \times 89 \times 91 \times 95 \times 96$  is divided by 100?  
(a) 0 (b) 1  
(c) 2 (d) 4  
*UPSC-CSE-GS PAPER-II-2023*
- What is the unit digit in the expansion of  $(57242)^{9 \times 7 \times 5 \times 3 \times 1}$ ?  
(a) 2 (b) 4  
(c) 6 (d) 8  
*UPSC-CSE-GS PAPER-II-2023*
- If ABC and DEF are both 3-digit numbers such that A, B, C, D, E and F are distinct non-zero digits such that  $ABC + DEF = 1111$ , then what is the value of  $A + B + C + D + E + F$ ?  
(a) 28 (b) 29  
(c) 30 (d) 31  
*UPSC-CSE-GS PAPER-II-2023*
- D is a 3-digit number such that the ratio of the number to the sum of its digits is least. What is the difference between the digit at the hundred's place and the digit at the unit's place of D?  
(a) 0 (b) 7  
(c) 8 (d) 9  
*UPSC-CSE-GS PAPER-II-2023*
- Three of the five positive integers p, q, r, s, t are even and two of them are odd (not necessarily in order). Consider the following:  
1.  $p + q + r + s - t$  is definitely even.  
2.  $2p + q + 2r - 2s + t$  is definitely odd.  
Which of the above statements is/are correct?  
(a) 1 only (b) 2 only  
(c) Both 1 and 2 (d) Neither 1 nor 2  
*UPSC-CSE-GS PAPER-II-2023*
- Consider the following in respect of prime number p and composite number c.  
1.  $\frac{p+c}{p-c}$  can be even.  
2.  $2p + c$  can be odd.  
3. pc can be odd.  
Which of the statements given above are correct?  
(a) 1 and 2 only (b) 2 and 3 only  
(c) 1 and 3 only (d) 1, 2 and 3  
*UPSC-CSE-GS PAPER-II-2023*
- A 3-digit number ABC, on multiplication with D gives 37DD where A, B, C and D are different non-zero digits. What is the value of  $A + B + C$ ?  
(a) 18  
(b) 16  
(c) 15  
(d) Cannot be determined due to insufficient data  
*UPSC-CSE-GS PAPER-II-2023*
- For any choices of values of X, Y and Z, the 6-digit number of the form XYZXYZ is divisible by :  
(a) 7 and 11 only (b) 11 and 13 only  
(c) 7 and 13 only (d) 7, 11 and 13  
*UPSC-CSE-GS PAPER-II-2023*
- Let x be a positive integer such that  $7x + 96$  is divisible by x. How many values of x are possible?  
(a) 10 (b) 11  
(c) 12 (d) Infinitely many  
*UPSC-CSE-GS PAPER-II-2023*
- If p, q, r and s are distinct single digit, positive numbers, then what is the greatest value of  $(p + q)(r + s)$ ?  
(a) 230 (b) 225  
(c) 224 (d) 221  
*UPSC-CSE-GS PAPER-II-2023*
- A number N is formed by writing 9 for 99 times. What is the remainder if N is divided by 13?  
(a) 11 (b) 9  
(c) 7 (d) 1  
*UPSC-CSE-GS PAPER-II-2023*
- Each digit of a 9-digit number is 1. It is multiplied by itself. What is the sum of the digits of the resulting number?  
(a) 64 (b) 80  
(c) 81 (d) 100  
*UPSC-CSE-GS PAPER-II-2023*
- What is the sum of all digits which appear in all the integers from 10 to 100?  
(a) 855 (b) 856  
(c) 910 (d) 911  
*UPSC-CSE-GS PAPER-II-2023*



# Data Interpretation & Sufficiency

1. In a party, 75 persons took tea, 60 persons took coffee and 15 persons took both tea and coffee. No one taking milk takes tea. Each person takes at least one drink.

**Question:** How many persons attended the party?

**Statement-1:** 50 persons took milk.

**Statement-2:** Number of persons who attended the party is five times the number of persons who took milk only.

**Which one of the following is correct in respect of the above Question and the Statements?**

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

*UPSC-CSE-GS PAPER-II-2023*

2. For five children with ages  $a < b < c < d < e$ ; any two successive ages differ by 2 years.

**Question:** What is the age of the youngest child?

**Statement-1:** The age of the eldest is 3 times the youngest.

**Statement-2:** The average age of the children is 8 years.

**Which one of the following is correct in respect of the above Question and the Statements?**

- (a) The Question can be answered by using one of the Statements alone, but cannot be answered using the other Statement alone.
- (b) The Question can be answered by using either Statement alone.
- (c) The Question can be answered by using both the Statements together, but cannot be answered using either Statement alone.
- (d) The Question cannot be answered even by using both the Statements together.

*UPSC-CSE-GS PAPER-II-2023*

3. Consider the Question and two Statements given below:

**Question:** Is  $x$  an integer?

**Statement-1:**  $x/3$  is not an integer.

**Statement-2:**  $3x$  is an integer.

**Which one of the following is correct in respect of the Question and the Statements?**

- (a) Statement-1 alone is sufficient to answer the Question
- (b) Statement-2 alone is sufficient to answer the Question
- (c) Both Statement-1 and Statement-2 are sufficient to answer the Question
- (d) Both Statement-1 and Statement-2 are not sufficient to answer the Question

*UPSC-CSE-GS PAPER-II-2022*

4. A pie chart gives the expenditure on five different items A, B, C, D and E in a household. If B, C, D and E correspond to  $90^\circ$ ,  $50^\circ$ ,  $45^\circ$  and  $75^\circ$  respectively, then what is the percentage of expenditure on item A?

- (a)  $\frac{112}{9}$
- (b)  $\frac{125}{6}$
- (c)  $\frac{155}{9}$
- (d)  $\frac{250}{9}$

*UPSC-CSE-GS PAPER-II-2022*

5. Consider the Question and two Statements given below:

**Question:** What is the age of Manisha?

**Statement-1:** Manisha is 24 years younger than her mother.

**Statement-2:** 5 years later, the ages of Manisha and her mother will be in the ratio 3 : 5.

**Which one of the following is correct in respect of the Question and the Statements?**

- (a) Statement-1 alone is sufficient to answer the Question
- (b) Statement-2 alone is sufficient to answer the Question
- (c) Both Statement-1 and Statement-2 are sufficient to answer the Question
- (d) Both Statement-1 and Statement-2 are not sufficient to answer the Question.

*UPSC-CSE-GS PAPER-II-2022*