

# Extra topics (PT-1)

## CLASS - VII

### **Countries and Capitals**

#### **Country**

1. Australia
2. Bulgaria
3. China
4. Egypt
5. Greece
6. Indonesia
7. Jordan
8. Malaysia
9. Norway
10. Russia
11. Singapore
12. Thailand
13. Ukraine
14. United States of America
15. Zimbabwe

#### **Capital**

- Canberra  
Sofia  
Beijing  
Cairo  
Athens  
Jakarta  
Amman  
Kuala Lumpur  
Oslo  
Moscow  
Singapore  
Bangkok  
Kiev  
Washington, DC  
Harare

### **Famous Books and Authors**

#### **Book**

1. Tale of Two Cities
2. Gitanjali
3. Hamlet
4. Midnight's Children
5. The Discovery of India

#### **Authors**

- Charles Dickens  
Rabindranath Tagore  
William Shakespeare  
Salman Rushdie  
Jawaharlal Nehru

## **Largest, Smallest, Highest, Longest in India**

- |  |   |
|--|---|
| 1. Highest peak of South India         | Anamudi                                 |
| 2. Longest river in South India        | Godavari                                |
| 3. Largest lagoon                      | Chilika (Odisha)                        |
| 4. Largest desert                      | Thar Desert<br>(or Great Indian Desert) |
| 5. Largest state (area)                | Rajasthan                               |
| 6. Smallest state (population)         | Sikkim                                  |
| 7. Highest civilian award              | Bharat Ratna                            |
| 8. Largest forest cover                | Madhya Pradesh                          |
| 9. Longest national highway            | NH 44 (Srinagar<br>to Kanyakumari)      |
| 10. Longest river bridge               | Bhupen Hazarika Setu,<br>Assam          |
| 11. Highest dam                        | Tehri Dam<br>(Uttarakhand)              |
| 12. Longest tunnel                     | Pir Panjal Railway<br>Tunnel (J & K)    |
| 13. Largest container port<br>(Mumbai) | Jawaharlal NehruPort                    |
| 14. Train with longest route           | Dibrugarh—Kanyakumari<br>Vivek Express  |
| 15. Largest cricket ground<br>Kolkata  | Eden Gardens,                           |

## Half-yearly

## Extra topics

### CLASS - VII

#### **First in the world to**

- |                          |                      |
|--------------------------|----------------------|
| 1. Go to Space           | Yuri Gagarin (1961)  |
| 2. Walk in Space         | Alexei Leonov (1965) |
| 3. Sail around the world | Expedition led by    |

4. Fly an aeroplane
5. Climb Mount Everest

Ferdinand Magellan, and  
later by Juan Sebastian  
Elcano (1519-1521)  
Orville Wright (1903)  
Tenzing Norgay,  
Edmund Hillary (1953)

### First woman

1. Prime minister of a country
2. Nobel laureate
3. To climb Mount Everest
4. Space shuttle pilot
5. President of UN General  
Assembly

Sirimavo Bandaranaike  
(Sri Lanka; 1960)  
Marie Curie (Physics; 1903)  
Junko Tabei (1975)  
Eileen Collins (1995)  
Vijaya Lakshmi Pandit  
(1953-54)

### World's First

1. Printed book
2. Space shuttle in space
3. Spacecraft to land on Mars
4. Skyscraper
5. Single-chip microprocessor

Gutenberg Bible  
Columbia (1981)  
Viking 1 (1976)  
Home Insurance Building,  
Chicago (1885)  
Intel 4004 (1971)

# Tech Talk

## 1. Alexa-

A virtual assistant developed by Amazon that keeps getting smarter. It can listen to and understand our voice commands, and help us get many jobs done.

## 2. Android-

An operating system developed by a Google. It is used by many smartphones and tablets.

## 3. Artificial intelligence-

The ability of computer or a computer-controlled device to perform tasks that usually require human intelligence.

## 4. Bitcoin-

A digital currency (cryptocurrency) introduced in 2009. It has no physical form, so all bitcoin transactions take place over the internet.

## 5. Bot (short for robot)-

A computer program designed to carry out repetitive tasks automatically.

## 6. Bug-

An error in a software program.

## 7. Cybercrime-

Criminal activity carried out using computers and the internet.

## 8. Cryptocurrency-

A digital currency created and stored electronically. It is designed to be secure and anonymous. It does not have any physical form and its supply did not determined by any central or authority.

## 9. Digital footprint-

The trail of data created while using the internet. It includes the websites visited, emails sent, and information submitted to online services.

10. **E-commerce-**

Electronic-commerce, or business carried out over the internet. E-commerce sites includes Amazon.com, Buy.com, and eBay.

11. **Emoji-**

A small icon that can be placed in line with the text. The name 'emoji' comes from a Japanese phrase for 'picture character'.

12. **Emoticon-**

A facial expression formed by a combination of characters (letters, numbers, symbols) usually found on a computer keyboard.

13. **Hacker -**

A person who can access computers without being authorised.

14. **Mashup-**

A webpage or application that combines complementary elements from two or more sources.

15. **Netiquette-**

A set of social and ethical rules that apply to communication over social networks and the internet.

# P.T - II

## Countries and Currencies

	Country	Currency
1.	Australia	Dollar
2.	Belgium	Euro
3.	China	Yuan
4.	Egypt	Pound
5.	Greece	Euro
6.	Indonesia	Rupiah
7.	Malaysia	Ringgit
8.	Myanmar	Kyat
9.	Norway	Krone
10.	Russia	Ruble (rouble)
11.	Singapore	Dollar
12.	Spain	Euro
13.	Thailand	Baht
14.	UAE	Dirham
15.	USA	Dollar

## Largest, Smallest, Highest, Longest in the World

1.	Largest desert	Antarctica (a cold desert)
2.	Longest river	Nile
3.	Smallest ocean	Arctic Ocean
4.	Largest country (area)	Russia
5.	Smallest mammal(length)	Bumblebee bat
6.	Fastest animal	Peregrine falcon (in flight)
7.	Fastest swimmer	Black marlin
8.	Hardest natural substance	Diamond
9.	Longest railway	Trans-Siberian Railway
10.	Highest railway station	Tanggula, China

- |                                    |  |
|------------------------------------|--|
| 11. Largest dam (power generation) | Three Georges Dam,<br>China            |
| 12. Largest Temple                 | Angkor Wat,<br>Cambodia                |
| 13. Largest art museum             | Louver, Paris                          |
| 14. Largest cricket ground         | Melbourne Cricket Ground,<br>Australia |
| 15. Longest epic                   | Mahabharata                            |

## **Abbreviations and Short Forms**

### **Abbreviations /Short form**

### **Full form**

- |          |   |
|----------|---|
| 1. a.m.  | Ante Meridiem<br>(before midday)                              |
| 2. CCTV  | Closed-Circuit<br>Television                                  |
| 3. DIY   | Do-it-yourself  |
| 4. email | Electronic Mail   |
| 5. FAQ   | Frequently asked<br>questions                                 |
| 6. HD    | High Definition   |
| 7. LCD   | Liquid Crystal Display  |
| 8. PAN   | Permanent<br>Account Number                                   |
| 9. radar | Radio detection and<br>ranging/radio direction<br>and ranging |
| 10. VAT  | Value-Added Tax.  |

# ANNUAL

## Branches of Study

### 1. Anatomy-

The scientific study of the body structure of humans and other living beings.

### 2. Cryptology-

The study of codes, and techniques of writing and solving them.

### 3. Demography-

The study of populations, with reference to size, composition, distribution and the effects of births, diseases, death etc.

### 4. Neurology-

The scientific study of nerves and their diseases.

### 5. Seismology-

The scientific study of earthquakes and related phenomena.

# Organisation and Their Headquarters Organisation

## Headqua

### rters

- |   |                |
|---|----------------|
| 1. Asian Development Bank (ADB)                                   | Manila         |
| 2. Association of Southeast Asian Nations (ASEAN)                 | Jakarta        |
| 3. International Chamber of Commerce (ICC)                        | Paris          |
| 4. International Monetary Fund (IMF)                              | Washington, DC |
| 5. Organisation of the Petroleum Exporting Countries (OPEC)       | Vienna         |
| 6. South Asian Association for Regional Cooperation (SAARC)       | Kathmandu      |
| 7. UN Economic and Social Council (ECOSOC)                        | New York       |
| 8. Food and Agricultural Organisation (FAO) of the United Nations | Rome           |
| 9. World Bank   | Washington, DC |
| 10. World Trade Organisation (WTO)                                | Geneva         |