

# Extra topics(PT-1)

## CLASS - VIII

### **Countries and Capitals**

#### **Country**

1. Austria
2. Belgium
3. Chile
4. Ethiopia
5. Ghana
6. Iran
7. Jamaica
8. Kenya
9. Mauritius
10. Netherlands
11. Peru
12. Romania
13. South Korea
14. Spain
15. Sweden
16. Taiwan
17. Turkey
18. United Arab Emirates
19. Venezuela
20. Zambia

#### **Capitals**

Vienna  
Brussels  
Santiago  
Addis Ababa  
Accra  
Tehran  
Kingston  
Nairobi  
Port Louis  
Amsterdam  
Lima  
Bucharest  
Seoul  
Madrid  
Stockholm  
Taipei  
Ankara  
Abu Dhabi  
Caracas  
Lusaka

# Famous Books and Authors

<b>Book</b>	<b>Authors</b>
1. Tale of Two Cities	Charles Dickens
2. Gitanjali	Rabindranath Tagore
3. Hamlet	William Shakespeare
4. Midnight's Children	Salman Rushdie
5. The Discovery of India	Jawaharlal Nehru

## Largest, Smallest, Highest, Longest in India

1. Longest river (wholly in India)	Ganga
2. Largest glacier	Siachen (Ladakh)
3. Highest lake	Tso Lhamo (Sikkim)
4. Longest beach	Marina Beach, Chennai
5. Largest state (population)	Uttar Pradesh
6. Largest union territory (area)	Ladakh
7. Highest military award	Param Vir Chakra (wartime) Ashok Chakra (peacetime)
8. Most densely populated city	Delhi
9. Highest motorable road	Through Umling La (Ladakh)
10. Longest sea bridge	Bandra–Worli Sea Link
11. Longest dam	Hirakud Dam (Odisha)
12. Longest road tunnel	Dr Syama Prasad Mookerjee Tunnel (J & K)
13. Busiest airport	Indira Gandhi International (Delhi)

14. Largest multipurpose stadium	Salt Lake Stadium (Vivekananda YubaBharati Krirangan), Kolkata
15. Largest cricket ground	Eden Gardens, Kolkata
16. Largest film studio	Ramoji Film City, Hyderabad
17. Most expensive movie	2.0 (Tamil, Hindi)
18. Longest running movie	Dilwale Dulhaniya LeJayenge
19. Highest grossing movie	Dangal
20. Most recorded artist	Asha Bhonsle

## **EXTRA TOPICS OF GK (2022-23)**

### **CLASS VIII**

Subject - G.K. & Reasoning

Aptitude HALF YEARLY EXAM

### **First in The World**

<b>First in world to</b>	
Go into space	Yuri Gagarin (1961)
Walk in space	Alexei Leonov (1965)
Walk on the moon	Neil Armstrong (1969)
Reach the North pole	Robert Peary in 1909 (disputed)
Reach on the South Pole	Roald Amundsen (1911)
Sail around the world	Expedition led by Ferdinand Magellan, and later by Juan Sebastian Elcano (1519-1521)
Fly an aeroplane	Orville Wright (1903)
Climb Mount Everest	Tenzing Norgay, Edmund Hilary (1953)

<b>First women</b>	
Prime Minister of a country	Sirimavo Bandaranaike (Sri Lanka; 1960)
Nobel Laureate	Marie Curie (Physics; 1903)
To win the Nobel Peace Prize	Bertha Von Suttner (1905)
To climb Mount Everest	Junko Tabei (1975)
To go into space	Valentina Tereshkova (1963)
Space shuttle Pilot	Eileen Collins (1995)
President of UN General Assembly	Vijay Lakshmi Pandit (1953-54)
<b>World's first</b>	
Printed Book	Gutenberg Bible
Space shuttle in space	Columbia (1981)
Spacecraft to land on Mars	Viking 1 (1976)
Skyscraper	Home Insurance Building, Chicago (1885)
Single-Chip microprocessor	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 Google, it is used by many smartphone and tablets.

### 3. Artificial Intelligence

The ability of a computer or a computer-controlling device to perform task 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 computer 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 is not determined by any Central Bank 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 include Amazon.com, Buy.com and eBay.

11. Emoji

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

12. Emoticon

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

13. Hacker

A person who access computers without being authorized.

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.

16. Netizens

An active user of the internet.

17. Phising

The fraudulent practice of sending emails purporting to be from reputable organizations in order to make individuals reveal personal information, such as passwords and credit card numbers.

18. Ping

A message to another computer in a network to check if your computer is connected to it.

19. Podcast

A program (which may be audio or audiovisual) made available in digital format for automatic download over the internet.

20. Ransomeware

A type of malicious software that prevents users from using their computer unless they pay a ransom.

21. Trojan Horse

A program that appears harmless, but can harm the computer if it is run.

# **PERIODIC TEST – 2**

## **Countries and Currencies**

<b>Country</b>	<b>Currency</b>
Argentina	Peso
Australia	Dollor
Brazil	Real
Chile	Peso
Cuba	Peso
Finland	Euro
Ireland	Euro
Israel	Shekel
Mauritius	Rupee

Netherlands	Euro
Philippines	Peso
South Korea	Won
Spain	Euro
Syria	Pound
Taiwan	Dollor

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

Longest Mountain Range	Andes (South America)
Largest Hot Desert	Sahara (Africa)
Deepest Lake	Lake Baikal
Largest river basin	Amazon Basin
Largest Island	Greenland
Largest Peninsula	Arabian Peninsula
Highest active Volcano	Ojos del Salado (Andes)
Smallest country	Vatican City
Largest Fish	Whale shark
Fastest Land animal	Cheetah
Lightest gas	Hydrogen
Tallest Building	Burj Khalifa, Dubai
Longest Wall	Great Wall of China
Longest bridge	Danyang-Kunshan Grand Bridge, China
Busiest Airport	Hartsfield-Jackson Atlanta
Tallest Statue	Statue of Unity, Gujarat, India
Largest Church	St Peter's Basilica, Vatican City
Largest Mosque	Al-Haram Mosque, Mecca
Largest Stadium (capacity)	Rungrado 1 <sup>st</sup> of May Stadium, N.Korea
Biggest National Park	Northeast Greenland National Park

## Abbreviations and Short forms

Abbreviation/Short Form	Full Form
app	Application
CEO	Chief Executive Officer
DJ	Disc Jockey
FIR	First Information Report
IQ	Intelligence Quotient
LED	Light Emitting Diode
MP	Member of Parliament



PIL	Public interest litigation
sonar	Sound navigation and ranging
VP	Vice President

## **Annual Exam**

### **Branches of Study**

1. **Anatomy**

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

2. Cryptology

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

3. Demography

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

4. Neurology

The scientific study of nerves and their disease.

5. Seismology

The scientific study of earthquakes and related phenomena.

## Organizations and their Headquarters

Organizations	Headquarters
Asian Development Bank (ADB)	Manila
Association of Southeast Asian Nations (ASEAN)	Jakarta
International Chamber of Commerce (ICC)	Paris
International Monetary Fund (IMF)	Washington, DC
Organization of the Petroleum Exporting Countries (OPEC)	Vienna
South Asian Association for Regional Cooperation (SAARC)	Kathmandu
UN Economic and Social Council (ECOSOC)	New York
Food and Agriculture Organization (FAO) of the United Nations	Rome
World Bank	Washington, DC
World Trade Organization (WTO)	Geneva