

# OFFICERS IAS ACADEMY

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Daily Mcqs- December 21st

## 1. Identify the correctly matched pairs of Martial art forms in India with their states:

1. Thang-ta - Meghalaya.
2. Kalaripayattu - Kerala.
3. Thoda - Himachal Pradesh.
4. Gatka. - Punjab

## Select the correct answer from the below codes:

- a. 1 and 3 only
- b. 2,3 and 4 only
- c. 1 and 2 only
- d. 1,2,3 and 4.

Answer: B.

Explanation:

**Kalaripayattu - Kerala** Kalarippayattu is a famous Indian martial art from land of attraction Kerala and one of the oldest fighting systems in existence. It is practiced in most of the part of south India.

### Thang Ta - Manipur

Thang Ta is popular term for the ancient Manipuri Martial Art also known as HUYEN LALLONG. Manipuri martial arts with swords and spears, is a strong yet gracefully sophisticated art.

Huyen Langlon martial art from Manipur consists of two main components, armed combat and unarmed fighting. Sword and spear are the two primary weapons of huyen langlon.

**Thoda** martial art also known as the dance of archery from **Himachal Pradesh**. Thoda is known as a form of a martial art form that is commonly seen in Himachal Pradesh, especially in the valleys of Kullu and Manali. This sport needs excellence in archery, where the main weapons are bows and arrows. This game has two groups and the main target is the opponent's legs below knees.

### Why in the news?

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- The Sports Ministry has approved the inclusion of four indigenous Games to be a part of Khelo India Youth Games 2021, scheduled to take place in Haryana. The games include Gatka, Kalaripayattu, Thang-Ta and Mallakhamba.
- **Mallakhamba** has been well-known across India and **Madhya Pradesh and Maharashtra** have been the hotspots of this sport. **Gatka** originates from **Punjab** and this traditional fighting style of the Nihang Sikh Warriors is used both as self-defense as well as a sport.

<http://newsonair.com/News?title=Govt-approves-inclusion-of-four-indigenous-sports-in-Khelo-India-Youth-Games-2021&id=406417>

### 2. India is reported to have a “double burden of malnutrition” which means

- (a) Existence of malnourishment among mother and children in a family
- (b) Co-existence of wasting and stunting among children
- (c) Prevalence of under-nutrition and overnutrition among population
- (d) Deficiency of both macronutrients and micronutrients

**Answer: (c)**

- The double burden of malnutrition is characterised by the **coexistence of undernutrition along with overweight and obesity** (overnutrition), or **diet-related noncommunicable diseases**, within individuals, households and populations, and across the lifecycle.
- While the **Global Hunger Index (GHI)** ranked **India at 102 among 117 countries in 2019**, in view of the prevalent undernutrition situation, **overnutrition is emerging as a silent epidemic in many parts of the country**.
- The WHO groups India—with **over 10 percent of under-five children overweight**—with Thailand and Indonesia in the region, both of which have much higher per capita incomes.
- The proportion of overweight children is less than three percent in countries like Bangladesh, Myanmar, Nepal and Sri Lanka.

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- In the wake of urbanisation, globalisation and economic growth, there has been a major shift in the nutrition profile of the population which is characterised by high rates of undernutrition alongside high and increasing rates of overweight and obesity.
- Simultaneously, the **proportion of diet-related non-communicable diseases (NCDs) is increasing** as a major cause of death even as communicable, maternal, neonatal and nutritional causes are coming down.

3. It is a Wildlife Sanctuary located in the state of Kerala. It is now an integral part of the Nilgiri Biosphere Reserve. It is part of the Deccan Plateau and the vegetation is predominantly of the south Indian moist deciduous teak forests. Also, the sanctuary has pastures of the west-coast semi-evergreen trees. The wildlife sanctuary comes under Project Elephant. It holds the largest tiger population in the State.

The above description refers to which of the following Wildlife Sanctuary ?

- a) Mudumalai
- b) Bandipur
- c) Nagarhole
- d) Wayanad

Answer: D

Explanation:

- Wayanad Wildlife Sanctuary is an animal **sanctuary in Wayanad, Kerala**. It has an extent of 344.44 km<sup>2</sup> with four ranges namely **Sulthan Bathery, Muthanga, Kurichiat and Tholpetty**
- Established in 1973, the sanctuary is **now an integral part of the Nilgiri Biosphere Reserve**. It is bounded by the protected area network of Nagarhole and Bandipur of Karnataka in the northeast, and on the southeast by Mudumalai of Tamil Nadu.
- It is **part of the Deccan Plateau and the vegetation** is predominantly of the south Indian moist deciduous teak forests. Also, the sanctuary has pastures of the west-coast semi-evergreen trees. The wildlife sanctuary comes under Protect Elephant and one can spot a herd of elephants roaming in the area.
- Wayanad district has the **largest population of Adivasi in Kerala**. Scheduled tribes here include Paniyas, Kurumas, Adiyans, Kurichiyas, Ooralis and Kattunaikkans.

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- A monitoring programme of the Forest Department for 2017-18 has found that the Wayanad Wildlife Sanctuary (WWS), holds the largest tiger population in the State.

#### 4. Consider the following pairs:

1. Alipore conspiracy - PrafullaChaki  
and Khudiram Bose
2. Delhi conspiracy - Sachin Sanyal and  
Rash Behari Ghosh
3. Nasik Conspiracy - V.D. Savarkar
4. Kakori conspiracy - Ram prasad Bismil

Which of the above pairs is/are correctly matched?

- (a) 1,2 and 3
- (b) 2,3 and 4
- (c) 2 and 4 only
- (d) All of the above

Answer: (d)

Explanation: In 1908 a revolutionary conspiracy called **Alipore conspiracy** was intrigued to kill the Chief Presidency Magistrate D.H. Kingford of Muzaffarpur. The task was entrusted to **Khudiram Bose and PrafullaChaki**. They threw the bombs on a vehicle coming out of the magistrate's home on April 30, 1908.

**Delhi-Lahore Conspiracy** was organised by the Indian revolutionary underground in Bengal and Punjab and headed by **Rashbehari Bose** to assassinate the then Viceroy of India, Lord Hardinge. Basant Kumar Biswas, Amir Chand and AvadhBehari were convicted and executed in the trial of this Delhi Conspiracy Case.

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On December 21, 1909, AnantLaxmanKanhere (one of the member of Abhinav Bharat Society) shot the Collector of Nashik, A M T Jackson in the theatre at Nasik. This sensational murder is known as **Nasik Conspiracy Case**. The members of the Abhinav Bharat Society viz. **V.D. Savarkar**, Ganesh Savarkar, etc. were convicted and punished.

**Kakori train robbery or Kakori Case** was a train robbery against the British Indian Government. It was organised by revolutionary organisation i.e., Hindustan Republican Association (HRA) under the leadership of **Ram Prasad Bismil** and supported by **Ashfaqulla Khan, RajendraLahiri, Chandrashekhar Azad**.

Why in the news?

<https://indianexpress.com/article/explained/explained-who-was-khudiram-bose-7111682/>

#### 5. Consider the following statements about exoplanets

- 1) Planets that orbit around another planet are called exoplanets.
- 2) No exoplanet has been found so far by any scientists

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

Answer: D

#### Explanation

- **Statement 1 is incorrect:** All of the planets in our solar system orbit around the Sun. **Planets that orbit around other stars** (not Planets that orbit around another planet) **are called exoplanets**. Exoplanets are **planets beyond our own solar system**.

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- **Statement 2 is incorrect: Thousands of exoplanets have been discovered** in the past **two decades**, mostly with NASA's Kepler Space Telescope. These worlds come in a huge variety of sizes and orbits. Some are gigantic planets hugging close to their parent stars.
- NASA and other agencies are looking for a special kind of planet, one that has the same size as that of Earth, orbiting a sun-like star in the **habitable zone**
  - **Habitable zone:** The habitable zone is the range of **distances from a star** where a **planet's temperature allows liquid water oceans**, critical for life on Earth.
  - The earliest definition of the zone was based on simple thermal equilibrium, but current calculations of the habitable zone include many other factors, including the **greenhouse effect of a planet's atmosphere**
- The first **confirmed discovery** of a world orbiting a sun-like star, in 1995, was **51 Pegasi b**, a Jupiter-mass planet 20 times closer to its sun than that of earth's closeness to its Sun.
- Astronomers announced in August 2016 that they might have found a habitable planet orbiting **Proxima Centauri**. The newfound world, known as **Proxima b**, is about 1.3 times more massive than Earth.
  - The planet is also in the **star's habitable zone, just 4.7 million miles** (7.5 million kilometers) from its host star. It completes one orbit every 11.2 Earth-days.

#### Why in the news?

An international team of scientists has collected the first possible radio signal from a planet beyond our solar system, emanating from an exoplanet system about 51 light-years away.

<https://www.thehindu.com/sci-tech/science/first-potential-radio-signal-from-exoplanet/article33373218.ece>