

SSC CGL 2019 Tier-I (Held On : 5 March 2020 Shift 1) GA Paper

Question No. 1

The famous 11-day long 'Dhanu Jatra', considered as the largest open-air theatre of the world is celebrated in which state?

Assam

Meghalaya

Manipur

✓ Odisha

Question No. 2

**Key Points**

- Spread over an 8 km radius area around the municipality of Bargarh, it is the **largest open-air theatre in the world**, one that is listed in the Guinness Book of World Records.
- It is based on Krishna's mythological tale (locally known as Krushna), and his demon-uncle Kansa.
- It is about the episode of the visit to Mathura by Krishna and Balaram to witness the ceremony of Dhanu, arranged by their (maternal) uncle Kansa.
- In November 2014, the **Government of India's Department of Culture** awarded Dhanu Yatra the status of the National Festival.

Question No. 3

In which year was the Nahargarh Fort built in Jaipur by Maharaja Sawai Jai Singh II?

1805

✓ 1734

1780

1800

Solution

In **1734**, the **Nahargarh Fort** was built in Jaipur by **Maharaja Sawai Jai Singh II**.

- He was the ruler of the **Amber kingdom**.
- He founded the Jaipur city and made it capital.
- In 1699, the Mughal Emperor, **Aurangzeb**, who had summoned him to Delhi impressed by his intellect, gave him the title of Sawai.
- The **Mughal emperor Muhammad Shah** awarded him the title of **Saramad-i-Rajaha-i-Hind** on 21 April 1721.

Question No. 4

As per the government rules, how much percentage of advance tax needs to be paid by 15th June by an individual who is liable to pay advance tax?

10%

30%

25%

✓ 15%

Question No. 5

As per the government rules, **15%** of advance tax needs to be paid by 15th June by an individual who is liable to **pay advance tax**.

- Advance tax means **earnings tax will be charged** in advance, rather than **lump-sum payment at year-end**.
- The way you collect tax is also known as **earn tax**.
- Such payments are to be made in installments as given by the income tax department according to the due dates.
- When your gross tax liability in a **financial year is Rs 10,000 or more** you will pay the advance tax.

Question No. 6

The 23rd National Youth Festival (NYF) 2020 was celebrated in Lucknow to commemorate the birth anniversary of _____.

Jawaharlal Nehru

Sardar Vallabhbhai Patel

✓ Swami Vivekananda

Mahatma Gandhi

Solution

The **23rd National Youth Festival (NYF) 2020** was celebrated in Lucknow to commemorate the birth anniversary of **Swami Vivekananda**.

- It was organized by the **Ministry of Youth Affairs and Sports and state government** from **12th to 16th January 2020**.
- The Government has been organizing National Youth Festival (NYF) **since 1995**.
- **Cultural/musical events** by local and renowned artists accompanied the inauguration.
- The festival's closing ceremony on 16th January was graced by **Uttar Pradesh Governor and Shri Kiren Rijiju**.

Question No. 7

In which year was the Currency Building in the BBD Bagh or Dalhousie area of Kolkata constructed?

✓ 1833

1910

1850

1900

Solution

In **1833**, the **Currency Building** was constructed in the **BBD Bagh or Dalhousie area of Kolkata**.

- It is also one of the **country's oldest buildings that had functioned as a bank**.
- It operated as Reserve Bank of India (RBI), as the name implies, after which it deteriorated till 2002.
- It has been designated a protected monument by the **Archaeological Survey of India (ASI)**.
- The buildings are now being turned into lively cultural spaces even in the heart of the city for theater or music festivals.

Question No. 8

Which dynasty built the pancha rathas of Mahabalipuram?

Chera

Chola

✓ Pallava

Satavahana

Solution

Pallava dynasty built the **Pancha rathas of Mahabalipuram**.

- This was an Indian dynasty, which ruled a portion of **southern India from 275 CE to 897 CE**. Since the extinction of the Satavahana dynasty which the Pallavas served as feudatories, they gained prominence.
- During the reign of **Mahendravarman I (571–630 CE)**, and **Narasimhavarman I (630–668 CE)** it became a major power.
- Pallavas built the **Shore Temple in Mamallapuram, a UNESCO World Heritage Site**.
- They **developed the script for Pallava** from which Grantha eventually descended.

Question No. 9

VISHWAS, which is a major e-governance initiative launched by the government in January 2020, is the acronym for which of the following?

Video Integration and State Wide Advanced System

Video Interface and State Wide Advanced Security

Video Integration and System Wide Advanced Security

✓ Video Integration and State Wide Advanced Security

Solution

VISHWAS(Video Integration and State Wide Advanced Security), which is a major e-governance initiative launched by the government in **January 2020**.

- It was inaugurated by **Union Home minister Amit Shah on 10th January 2020**.
- This project was launched for the Gujarat police and Indian Postal department in Gandhinagar.
- It improves law and order management, traffic management and control crime.
- With this project, the **Union minister also launched these project: Netrang and AASHVAST**.

Question No. 10

What was the theme of the 107th Indian Science Congress held in Bengaluru?

Future India : Science and Technology

Reaching the Unreached through Science and Technology

Science and Technology for National Development

✓ Science and Technology: Rural Development

Solution

Science and Technology: Rural Development was the theme of the **107th Indian Science Congress** held in Bengaluru.

- India's biggest annual meeting of science luminaries from all over the world, the **107th Indian Science Congress** held at the **University of Agricultural Sciences, GKV Campus, Bangalore, Karnataka, from 3 to 7 January 2020.**
- It was inaugurated by **Prime Minister Narendra Modi.**
- To scientists, researchers and educators involved in different aspects of scientific developments and technology, Congress is a significant focal point.
- The five-day long gathering seeks to bring together the community of science around the world to address scientific creativity and research.

Question No. 11

Pongal festival is celebrated for four days in Tamil Nadu. What is the fourth day of Pongal called?

Mattu Pongal

Thai Pongal

Bhogi Pongal

✓ Kaanum Pongal

Solution

Pongal festival is celebrated for four days in Tamil Nadu. The fourth day of Pongal is called **Kaanum Pongal.**

Key Points

- It is celebrated by **south Indians during the Hindu Harvest festival.**
- This is dedicated to the Hindu sun god, the Surya, and it corresponds to Makar Sankranti, the festival of harvests celebrated in India under many regional names.
- The first day of Pongal is called **Bhogi Pongal.**
- The second day of Pongal is called **Surya Pongal.**
- The third day of Pongal is called **Mattu Pongal.**

Question No. 12

What is the colour of the light emitted by the Sun?

✗ Red

Orange

Yellow

✓ White

Solution

The white colour of the light emitted by the Sun.

- The actual **Sun colour is white**.
- The reason the Sun appears bright to us is that the Earth's atmosphere disperses higher wavelength colours less quickly, such as red, orange and violet. These wavelengths are, indeed, what we see, due to this the **Sun appears yellow**.
- The white colour is the composite of **all visible light frequencies**.
- The **highest wavelength of light is Red and the lowest wavelength of light is violet**.

Question No. 13

Which is the first Indian company to hit the ₹10 lakh crore mark in market capitalisation?

Tata Consultancy Services

HDFC Bank

✓ Reliance Industries

ICICI Bank

Solution

Reliance Industries is the first Indian company to hit the **₹10 lakh crore mark in market capitalization**.

- The **second most valued firm on the stock exchanges**, **Tata Consultancy Services** has a market cap of Rs 7.81 lakh crore.
- **Exxon Mobil** is the world's most valuable 290 billion dollar energy firm.
- Only in August last year, RIL became the first corporation to **cross the Rs 8 lakh crore mark**.
- This was also the first company to cross the **market cap mark of \$100 billion in 2007**.

Question No. 14

Ishwar Sharma has been honoured with the Global Child Prodigy Award 2020. What is this award associated with?

Sports

✓ Yoga

Science

Literature

Solution

Ishwar Sharma has been honoured with the **Global Child Prodigy Award 2020**. This award is associated with **Yoga**.

- He received his Certificate of Achievement at a special event in New Delhi in January 2020 attended by **Nobel laureate Kailash Satyarthi and Lieutenant Governor Dr. Kiran Bedi of Puducherry**.
- He was chosen from the UK for the awards that recognize children prodigies from **45 countries and 30 different categories, including riding, choreography, palaeontology, exercise, and martial arts**.
- The award will now give him a chance to be a yoga ambassador and to spread the message.
- This award recognizes the kids **below 15**.

Question No. 15

The Indian Railways has integrated its helpline numbers into a single number. What is the number?

✓ 139

160

145

150

Solution

The Indian Railways has integrated its helpline number into a single number **139**.

- It converted into a single number on **1st January 2020**.
- SMS facility also added into it and is available in 12 languages.
- Indian railway is the **fourth largest** railway network in the world.
- **Ashwini Vaishnaw** is the current minister of Railways.

Question No. 16

Which National Park among the following is the largest protected area in the Eastern Himalayan sub-region?

Jim Corbett National Park

✓ Namdapha National Park

Keibul Lamjao National Park

Bandipur National Park

Question No. 17

Key Points

- **Namdapha National Park** is the largest protected area in the **Eastern Himalayan sub-region**.
- It is a wide protected area of **1,985 km² in Arunachal Pradesh** of Northeast India.
- The national park harbours the northernmost lowland evergreen rainforests in **the world at 27°N latitude**.
- Even harbours vast dipterocarp forests, covering the northwestern parts of the **eco-region rainforests Mizoram-Manipur-Kachin**.
- It is the **fourth largest national park in India**.

Additional Information

National Park	State
Jim Corbett National Park	Uttarakhand
Keibul Lamjao National Park	Manipur
Bandipur National Park	Karnataka

Question No. 18

G. Babita Rayudu took charge as an Executive Director for which of the following organisations in January 2020?

- ✓ The Securities and Exchange Board of India

Insurance Regulatory and Development Authority of India

Small Industries Development Bank of India

Bombay Stock Exchange

Solution

G. Babita Rayudu took charge as an Executive Director for **The Securities and Exchange Board of India (SEBI)** in January 2020.

- It is the regulator of the **Indian government-owned securities and commodity market**.
- It was formed in 1988 and granted statutory powers through the **1992 SEBI Act, on 30 January 1992**.
- **Madhabi Puri Buch** is the chairman of SEBI.
- The headquarters of SEBI in **Mumbai**.

Question No. 19

Which district has been awarded the Plastic Waste Management Award -2020 for being the best district of India in the plastic waste management category during Swachhta Hi Seva 2019?

Jorhat

Majuli

Hojai

- ✓ Dibrugarh

Solution

Dibrugarh has been awarded the **Plastic Waste Management Award -2020** for being the best district of India in the plastic waste management category during **Swachhta Hi Seva 2019**.

- **Swachhta Hi Seva on Swachhta** is a huge nationwide program of awareness and mobilization.
- The 2019 Swachhta hi Seva was held from **11 September till 2 October 2019**.
- PM Modi had set the goal of making India ODF under the **Swachh Bharat Mission (SBM)** by **October 2, the 150th anniversary of Mahatma Gandhi's birth**.
- On October 2 the initiative also included a nationwide shramdaan for **collecting and segregating plastic waste**.

Question No. 20

In terms of area, which state has the largest forest cover in India?

✓ Madhya Pradesh

Kerala

Maharashtra

Odisha

Question No. 21

In terms of area, **Madhya Pradesh** has the **largest forest cover in India**.

- It is the second-largest state by area after Rajasthan in India, and the **fifth-largest state by population**.
- The capital of Madhya Pradesh is **Bhopal**.
- The largest city of Madhya Pradesh is **Indore**.
- As per the economy, it is the **10th largest state economy in India**.

Notes:

- Area-wise **Madhya Pradesh** has the largest forest cover in the country followed by **Arunachal Pradesh, Chhattisgarh, Odisha, and Maharashtra**.
- In terms of forest cover as a **percentage** of total geographical area, the top five States are **Mizoram (85.41%), Arunachal Pradesh (79.63%), Meghalaya (76.33%), Manipur (75.46%) and Nagaland (75.31%)**.

Question No. 22

In which of the following locations was the Quit India Movement launched by Mahatma Gandhi in 1942?

Jallianwala Bagh

✗ Pragati Maidan

✓ August Kranti Maidan

Shivaji Park

Solution

In **August Kranti Maidan**, the **Quit India Movement** was launched by **Mahatma Gandhi in 1942**.

- It is also known as **Gowalia Tank Maidan** and located in **Central Mumbai**.
- **On 8 August 1942, Mahatma Gandhi** delivered the Quit India speech decreeing that the British must quit India immediately or else there would be mass agitations.
- He called for resolute yet passive resistance which meant the certainty that Gandhi foresaw the revolution, best represented by his call to do or die.
- Gandhi made the speech to help **India become independent**.

Question No. 23

Chiropody is a branch of science related to which part of the body?

Kidney

✓ Feet

Lungs

Liver

Solution

Chiropody is a branch of science related to Feet.



Key Points

- This is a field of medicine dedicated to researching, diagnosing, and treating foot, leg, and lower extremity conditions medicinally and surgically.
- **Podopediatrics** is a specialty of podiatric medicine which focuses on the treatment of lower limb medical problems in children.
- **Nephrology** is the study of **kidney** in the Human body.
- **Pulmonology** is the study of the **lungs**.
- **Hepatology** is the study of the **liver**.

Question No. 24

Which of the following rivers flows through Tiruttani a famous pilgrimage place of South India?

Vaigai

Kaveri

✓ Nandi

Palar

Solution

Nandi river flows through Tiruttani a famous pilgrimage place of South India.

- **Tiruttani** is a town located in Tamil Nadu.
- This city is famous for the **Temple of Tiruthani Murugan, one of the Arupadaiveedu, dedicated to Kartikeya.**
- When Andhra state was established on 1 November 1953, Tirutani was part of **Andhra Pradesh state's Chittoor district until 1960.**
- Tirutani and Ramakrishnarajupet assembly areas of Andhra Pradesh are transferred to Madras state on 1 April 1960, with the Andhra Pradesh and Madras Alteration of Boundaries Act of 1959, in return for smaller territory.

Question No. 25

Name the law in Physics which states that equal volume of all gases under the same conditions of temperature and pressure contain the equal number of molecules.

Ohm's Law

Charles's Law

✓ Avogadro's Law

Boyles's Law

Question No. 26

Avogadro's Law states that equal volume of all gases under the **same conditions of temperature and pressure contain an equal number of molecules.**

- It is an experimental gas law, which relates the **volume of a gas to the amount of gas present.**
- For example equivalent quantities of molecular hydrogen and nitrogen, when they are at the same temperature and pressure, contain the same number of molecules and exhibit ideal gas behavior.
- **Ohm's law:** Relation between the voltage and current at a constant temperature.
- **Charles's law:** a law stating that the volume of an ideal gas at constant pressure is directly proportional to the absolute temperature.
- **Boyle's Law:** the relation between volume and pressure of a gas at a constant temperature.

Question No. 27

The police of which state was honoured with the President's Colours award in December 2019?

Kerala

Maharashtra

✓ Gujarat

Tamil Nadu

Solution

The Gujarat Police was honoured with the **President's Colours award in December 2019.**

- Gujarat became India's seventh state police force to be given the **President's Colors Honour.**
- The Vice President, **Shri M. Venkaiah Naidu**, addressed this.
- He made homage to Gujarat Police martyrs.
- The request for President's Colors was introduced by **the office of Director-General (DG) and Police Inspector General (IGP)**, the Gujarat Police Chief.

