



## AFCAT 1 2023 Questions & Answer keys

### 25 February – Shift 1

1	<p>Who was the first woman to climb Mt. Everest?</p> <p><b>Ans. Junko Taibei</b></p> <p>Junko Tabei was a Japanese mountaineer, an author, and a teacher. In 1975, she was the first woman to reach the summit of the world's highest peak, Mount Everest.</p>
2	<p>SIMBEX Was Conducted Between India &amp; Which Country?</p> <p><b>Ans. Singapore</b></p> <p>Singapore - India Maritime Bilateral Exercise (SIMBEX) Is An Annual Bilateral Naval Exercise Conducted By The Indian Navy And The Republic Of Singapore Navy (RSN).</p>
3	<p>What is the name of the current PM of Pakistan?</p> <p><b>Ans. Mian Muhammad Shehbaz Sharif</b></p> <p>Mian Muhammad Shehbaz Sharif is a Pakistani politician and businessman who is currently serving as the 23rd Prime Minister of Pakistan, in office since 11 April 2022. He is the current president of the Pakistan Muslim League.</p>
4	<p>Who was the president of Karachi Session of Congress in 1931?</p> <p><b>Ans. Sardar Vallabhbhai Patel</b></p>
5	<p>Who got nobel prize in medicine in 2022?</p> <p><b>Ans. Svante Pääbo</b></p> <p>Svante Pääbo ForMemRS is a Swedish geneticist and Nobel Laureate who specialises in the field of evolutionary genetics. As one of the founders of paleogenetics, he has worked extensively on the Neanderthal genome.</p>
6	<p>Who was the 1st defence minister of India?</p> <p><b>Ans. Baldev Singh Chokkar</b></p> <p>The first defence minister of independent India was Baldev Singh Chokkar, who served in Prime Minister Jawaharlal Nehru's cabinet during 1947–52.</p>
7	<p>What is the capital of Ukraine?</p> <p><b>Ans. Kyiv</b></p> <p>Kyiv, also spelled Kiev, is the capital and most populous city of Ukraine. It is in north-central Ukraine along the Dnieper River. As of 1 January 2022, its population was 2,952,301, making Kyiv the seventh-most populous city in Europe.</p>

8	<p>Who is the chief of DRDO?</p> <p><b>Ans. Dr Samir V Kamat</b></p> <p>Dr Samir V Kamat assumed charge as Secretary, Department of Defence R&amp;D and Chairman, DRDO on 26 August 2022. Dr Kamat completed B. Tech. (Hons) in Metallurgical Engineering from IIT-Kharagpur in 1985 and PhD in Materials Science and Engineering from The Ohio State University, USA in 1988, and joined DRDO in 1989.</p>
9	<p>Zircon missile was manufactured by which country?</p> <p><b>Ans. Russia</b></p> <p>The 3M22 Zircon also spelled as 3M22 Tsirkon is a scramjet powered maneuvering anti-ship hypersonic cruise missile produced by Russia, for the Russian Navy which has launch platforms on frigates and submarines.</p>
10	<p>1st hydrogen bus was launched by which country?</p> <p><b>Ans. China</b></p>
11	<p>1st hydrogen bus was launched by which state in India?</p> <p><b>Ans. Pune</b></p> <p>Union Minister of State, Dr Jitendra Singh on Sunday (August 21) launched India's first indigenously developed Hydrogen fuel cell bus developed by KPIT-CSIR in Pune.</p>
12	<p>Which country's President came as the chief guest on 26th Jan parade?</p> <p><b>Ans. Egyptian President Abdel Fattah El-Sisi</b></p>
13	<p>Who scored highest no. of goal in fifa 2022?</p> <p><b>Ans. Kylian Mbappe (8 goals)</b></p>
14	<p>What is the formula of ozone?</p> <p><b>Ans- O<sub>3</sub></b></p>
15	<p>What was the world theatre day 2023 theme?</p> <p><b>Ans. 'Theatre and a Culture of Peace'</b></p>
16	<p>Who is not a member of the security council?</p> <p>a) China b) Russia c) France d) Germany</p> <p><b>Ans. Germany</b></p>
17	<p>Antonym of Delusional</p> <p><b>Ans. honest, frank, truthful, direct.</b></p>
18	<p>Which state in India has the highest number of national parks?</p> <p><b>Ans. Madhya Pradesh</b></p>

19	odd one out – penguin, alligator, turtle, tortoise <b>Ans. Penguin</b>
20	Where is headquarter of UNEP located? <b>Ans- Nairobi, Kenya</b> <b>Headquartered in Nairobi, Kenya, UNEP works through its divisions as well as regional, liaison and out-posted offices and a growing network of collaborating centres of excellence.</b>
21	Which state shares the border with Chhattisgarh ? <b>Ans. Chhattisgarh is in the central part of India. The state shares its border with Madhya Pradesh and Maharashtra in the west, Uttar Pradesh in the north, Odisha and Jharkhand in the east, and Andhra Pradesh in the south.</b>
22	Who invented refrigerator? <b>Ans. Fred W. Wolf</b> In 1913, American Fred W. Wolf invented the first home electric refrigerator, which featured a refrigeration unit on top of an icebox. Mass production of domestic refrigerators began in 1918 when William C. Durant introduced the first home refrigerator with a self-contained compressor.
23	Embraer aircraft is from which country? <b>Ans- Brazil</b>
24	Who developed Vikas engine? <b>Ans. Nambi Narayanan</b> Vikas engine was invented by ISRO scientists including Nambi Narayanan, who played a critical role. The initials Vikram Ambalal Sarabhai, i.e., a portmanteau of Vikas Engine is a liquid-propellant rocket engine family designed by the Center for Liquid Propulsion Systems in the 1970s.
25	Synonyms of succulent <b>Ans- Juicy, moist</b>
26	Which of the following is called the 'Gateway to the Pacific'? <b>Ans- Panama Canal</b> <b>The Panama Canal is a shortcut between the Atlantic Ocean and the Pacific Ocean.</b>
27	Suman Bery is the vice chairman of which org.? <b>Ans- NITI AAYOG</b>
28	What is arribada in biodiversity conservation? <b>Ans- Arribada means arrival. In this case, arrival of thousands of olive ridley sea turtles from the ocean, en masse -- to nest and depart.</b>

29	Synonym of dignified <b>Ans- noble, majestic, stately, proud</b>
30	Antonym of Embellish <b>Ans- disfigure, lessen, blemish, scar</b>
31	Synonym of Sagacious <b>Ans- wise, clever, knowledgeable</b>
32	Idiom – a fly on the wheels <b>Ans- a person who overestimates their own influence.</b>
33	PHYSICS 2022 NOBLE PRIZE was won by whom? <b>Ans- Alain Aspect, John Clauser and Anton Zeilinger have each conducted groundbreaking experiments using entangled quantum states, where two particles behave like a single unit even when they are separated. Their results have cleared the way for new technology based upon quantum information.</b>
34	Where is Keoladeo National Park located? <b>Ans- Rajasthan</b> <b>Keoladeo National Park is a vast bird sanctuary and former royal game reserve in the north Indian state of Rajasthan. South of the ancient city of Bharatpur, the park's woods and man-made wetlands protect over 350 species of migratory and resident birds, including herons, cormorants and eagles. To the southeast, Fatehpur Sikri is home to sandstone temples and a mosque, built by Emperor Akbar in the 16th century.</b>
35	Who was the 1st Indian to get nobel prize after independence? <b>Ans- Har Govind Khorana</b>
32	Synonym of Dexterous <b>Ans. Skillful, talented, capable</b>
33	Who was chairman of NEP? <b>Ans. Krishnaswamy Kasturirangan</b> Krishnaswamy Kasturirangan, chairperson of the National Education Policy (NEP) drafting panel, commented "No language is being imposed.
34	EX SAMPRITI exercise was conducted between which countries? <b>Ans- INDIA BANGLADESH JOINT MILITARY EXERCISE "EX SAMPRITI-X" COMMENCED IN BANGLADESH. Ex SAMPRITI-X conducted at Jashore Military Station in Bangladesh from 05 June to 16 June 2022.</b>
35	"Kalsutri bhaulya" is the name of which state dance? <b>Ans. Maharashtra</b>

	Traditional string puppet theatre from Maharashtra in south-west India. The performers of kalasutri bahulya (kalasutri, string, and bahulya, puppet), descendants of families of puppeteers that originally came from Rajasthan and Gujarat, are today very few in number.
36	Synonym of dignified <b>Ans. Gracious, noble, majestic</b>

## AFCAT 1 2023 Questions & Answer keys

### 25 February – Shift 2

1	Word substitution - one who helps others without thinking about themselves. <b>Ans. Altruistic</b>
2	dog : bark, bird : ? <b>Ans. chirp</b>
3	what is world's longest suspension footbridge? <b>Ans. sky bridge 721</b> Sky Bridge 721 is a suspension footbridge that is the longest of its kind in the world, a record previously held by Gandaki Golden Footbridge. Built in the municipality of Dolní Morava, Czech Republic, the bridge is 721 metres long and is at a height of up to 95 metres off the ground.
4	Where was simbex 2022 conducted? <b>Ans- Visakhapatnam</b> <b>SIMBEX-2022 is being conducted in two phases – Harbour Phase at Visakhapatnam from 26 to 27 October 2022 followed by the Sea Phase in Bay of Bengal from 28 to 30 October 2022.</b>
5	What kind of missile is Helina? <b>Ans. Helicopter launched Anti Tank missile</b>
6	Synonym of Dissonant: <b>Ans. inharmonious, anomalous</b>
7	Idiom - to the manner born <b>Ans. naturally at ease in a specified job or situation.</b>
8	A stand used by lecturer to put books on stage <b>Ans. lectern</b>
9	Odd one out - knee wrist palm finger

	<b>Ans. palm</b>
<b>10</b>	Pampas grassland is located in which country? <b>Ans. Argentina</b>
<b>11</b>	Match the following: <b>Chinook - USA</b> <b>Ilyushin - Russia</b> <b>Hawk - UK</b> <b>Dornier - Germany</b>
<b>12</b>	What is the recently awarded cleanest city in India more than 1 lakh population? <b>Ans. Indore</b> In an impressive display of sustainability and good governance, Indore, the city of lakes and palaces, walked away with the Cleanest City title for the sixth consecutive year, in the 'more than 1 lakh population' category, while Surat was adjudged the second cleanest city, for the second time in a row.
<b>13</b>	Pooja Patel is related to which sport? <b>Ans. Yoga</b> At the 36th National Games, Pooja Patel of Gujarat has become the first athlete to win gold in Yogasana. Yogasana is one of the five sports to be played at the National Games this year for the first time. This Indian indigenous sport made its debut at the Khelo India University Games earlier this year.
<b>14</b>	Daksh portal is launched by which ministry? <b>Ans. Ministry of Skill Development and Entrepreneurship (MSDE)</b>
<b>15</b>	Hwasong missile is from which country? <b>Ans- North Korea</b> The Hwasong-17 is nuclear-armed North Korea's biggest missile yet, and is the largest road-mobile, liquid-fuelled ICBM in the world.
<b>16</b>	Salim Ali National Park is located in which state? <b>Ans. J&amp;K</b> Salim Ali National Park is also called City Forest National Park and is located in Jammu and Kashmir in India. It extends in a 9.07 km area and is positioned in the closeness of Srinagar, the summer capital of Jammu and Kashmir. It is situated at a distance of 12 kilometers from the Airport of Srinagar.
<b>17</b>	Prachand is what kind of helicopter?

	<b>Ans- Light Combat Helicopter</b>
<b>18</b>	What is the ore of lead called? <b>Ans. lead sulphide (PbS) or galena</b>
<b>19</b>	Which aircraft was sent by India to rescue Indians from ukraine? <b>Ans. C-17 globemaster</b>
<b>20</b>	When is Vijay Diwas celebrated? <b>Ans. December 16</b>
<b>21</b>	Which state does not share border with Assam? <b>Ans. Assam shares Inter-State boundaries with Arunachal Pradesh, Nagaland, Manipur, Mizoram, Tripura, Meghalaya and West Bengal.</b>
<b>22</b>	Boiling : simmer :: Downpour : ? <b>Ans. Drizzle</b>
<b>23</b>	Synonym of PAROCHIAL <b>Ans. Narrow-minded, provincial, petty</b>
<b>24</b>	Udyam Abhilasha is a govt scheme launched by which org? <b>Ans. SIDBI</b> <b>Small Industries Development Bank of India (SIDBI) has launched Udyam Abhilasha (उद्यम अभिलाषा), a national level entrepreneurship awareness campaign. It was launched in 115 Aspirational Districts identified by NITI Aayog in 28 States.</b>
<b>25</b>	"Patriotism is a religion and religion is love for India" is a quote by whom? <b>Ans- Bankim Chandra Chatterjee</b>
<b>26</b>	What is the motto of BRO? <b>Ans. Shramena Sarvam Sadhyam</b> The organisations motto is Shramena Sarvam Sadhyam (everything is achievable through hardwork). BRO is instrumental in significantly upgrading and building new India-China Border Roads (ICBRs).
<b>27</b>	What is the first indigenously developed drone defence system of India? <b>Ans- Indrajaal drone defence system</b> <b>India's first Indigenous drone defense dome 'Indrajal' has been developed by Grene Robotics, a Hyderabad based technology R&amp;D company. Indrajaal is capable of protecting a large area of 1,000-2,000 sq. km.</b>