



कौटिल्य एकेडमी

GS PAPER - I

ANSWERS AND EXPLANATIONS (17.01.2021)

1. (B) Navdatoli is a pre-historic place which is located on either side of the river Narmada. The uniqueness of this site lies in the fact that it has housed many cultures starting from the Paleolithic Period to the end of 18th century. It lies in Khargone district.
2. (A) During the 8th century AD, a struggle for control over the Kannauj took place among three major empires of India namely the Palas, the Pratiharas and the Rastrakutas. The Cholas were not part of this struggle.
3. (B) Karera Bird Sanctuary is located in Madhya Pradesh and is about 55 kilometres from Shivpuri. Shivpuri was once the summer capital of the Scindia rulers of Gwalior. Karera Bird Sanctuary is a bird watcher's delight. The sanctuary is famous for its celebrity inhabitant Indian bustard and is believed to be last refuge of this bird.
4. (A) Louis Agassiz was the first person to hypothesize that the Earth was once subject to an ice age. His hypothesis was as follows: ancient glaciers had not only encroached farther south than the Alps, but had in fact, reached southern Europe, Asia, and North America which led to an "ice age"
5. (C) In the river course of 1,312 km, there are 41 tributaries, out of which 22 are from the Satpura range and the rest on the right bank are from the Vindhya range.
6. (C) Via the Government of India Act 1919, a bicameral legislature was set up at centre with two houses viz. Legislative Assembly and Council of State. This was a primitive model of India's Lok Sabha and Rajya Sabha.
7. (C) Raja Ramanna Centre for Advanced Technology is a unit of Department of Atomic Energy, Government of India, engaged in R & D in non-nuclear front line research areas of Lasers, Particle Accelerators & related technologies. It was established in the year 1984.
8. (B) President of the Republic of Suriname, Chandrika persad Santokhi, will be the chief guest at India's Republic Day parade on January 26, after UK Prime Minister Boris Johnson cancelled his visit to India.
9. (A) Cookies let websites remember you, your website logins, shopping carts and more
10. (A) A former diplomat, Sinha served as high commissioner of India to UK and Sri Lanka. He was appointed as CIC by the President in November 2020.
11. (B) Bhil tribe is concentrated in western districts of Madhya Pradesh, where as Chhatarapur is in the eastern part.
12. (A) Mahabalipuram or Mamallapuram is a historic city and UNESCO World Heritage site in Tamil Nadu, India built during the reign of the Pallava dynasty, between the 3rd century CE and 7th century CE, it was an important centre of art, architecture and literature.
13. (C) In the Gwalior region of Madhya Pradesh mainly Laterite Soil is found.

14. (B) The Sargasso Sea, located entirely within the Atlantic Ocean, is the only sea without a land boundary.
15. (C) The Narmada Valley Development Authority is an organization of Madhya Pradesh Government constituted for planning water resources development in Narmada basin and expeditious implementation of projects. It was established in the year 1985 on 9th August.
16. (D) The post of Governor in Indian Constitution is inspired from the American Constitution although their powers and methods of election are very different.
17. (B) Aryabhata, first unmanned Earth satellite built by India. It was named for a prominent Indian astronomer and mathematician of the 5th century CE. The satellite was assembled at Peenya, near Bangalore, but was launched from within the Soviet Union by a Russian-made rocket on April 19, 1975
18. (A) Musk is now worth \$182.9 billion, which again makes him the wealthiest person on the planet, according to Forbes' estimates. The Tesla chief is now just less than \$1 billion richer than Bezos, who falls to second-richest person in the world
19. (A) Creeper, named for a character on the "Scooby Doo" cartoon show, is generally recognized as the first computer virus. It was written in 1971 by Bob Thomas of BBN Technologies and spread through DEC PDP-10 computers on ARPAnet, displaying the message, "I'm the creeper, catch me if you can!"
20. (B) The new Madhya Pradesh Public Service Commission was constituted as follows from 1st November 1956, under Section 118(3) of the States Reorganization Act by the order of the President.
21. (C) Ojha is a sub-tribe of the Gond tribe.
22. (C) Temuchin, later Genghis Khan, was born around 1162 near the border between modern Mongolia and Siberia.
23. (C) The Johila is a small river rising in the Amarkantak region. It is a tributary of the Son
24. (A) It is the world's most extensive and spectacular coral reef ecosystem composed of over 2,900 individual reefs and 900 islands. The reef is located in the Coral Sea (North-East Coast), off the coast of Queensland, Australia. Recently, the International Union for Conservation of Nature (IUCN) has highlighted that Australia's Great Barrier Reef is in a critical state and deteriorating as climate change warms up the waters in which it lies
25. (B) Tapi is a goddess found in Hinduism. She is known also as the goddess of the river Tapi and mother-goddess of the South (home of the sun) where she brings heat to the earth. According to certain Hindu texts, Tapi was a daughter of Surya (the Sun god) by Chhaya, one of the wives of Surya.
26. (A) According to Article 74-There shall be a Council of Ministers with the Prime Minister at the head to aid and advise the President who shall, in the exercise of his functions, act in accordance with such advice: Provided that the President may require the council of Ministers to reconsider such advice, either generally or otherwise, and the President shall act in accordance with the advice tendered after such reconsideration
27. (D) The Red Data Book is the state document established for documenting rare and endangered species of animals, plants and fungi as well as some local sub-species that exist within the territory of the state or country.
28. (B) Ahmedabad has made India proud again. The walled city has become India's first World Heritage City. Unesco's world heritage committee selected Ahmedabad in its 41st session in Krakow in Poland on Saturday. More than 20 countries supported it.
29. (B) A bookmark is handy when you find a web page that you want to remember and be able to look at another day. When you bookmark a web page, you are creating a shortcut for quick access to that web

page. You can access that bookmark at any time to view the web page again without having to search the Internet to find it.

30. (C) First CAG of India was V Narahari Rao tenure 1948 to 1954
31. (B) This samaroh takes place in the city of Jabalpur. Subhadra Kumari Chauhan (16 August 1904– 15 February 1948) was an Indian poet. One of her most popular poems is “Jhansi ki Rani”
32. (A) Around the year AD 570 Muhammad, the founding prophet of Islam, was born in Mecca, at the time the central city of the Arabian Peninsula. Some 40 years later Muhammad started preaching a new religion, Islam, which constituted a marked break from existing moral and social codes in Arabia. The new religion of Islam taught that there was one God, and that Muhammad was the last and most important in a series of prophets and messengers. Through his messengers God had sent various codes, or systems of laws for living, culminating in the Qur'an (Koran), the holy book of Islam
33. (C) The city of Gwalior lies on its bank although the river itself is in a very bad state.
34. (C) Suez Canal, is a , sea-level waterway running north-south across the Isthmus of Suez in Egypt to connect the Mediterranean and the Red seas. The canal separates the African continent from Asia, and it provides the shortest maritime route between Europe and the lands lying around the Indian and western Pacific oceans. It is one of the world's most heavily used shipping lanes.
35. (C) The fourth and the last begum of Bhopal - Nawab Shah Jahan Begum conceived the very beautiful 'Minto Hall' to felicitate Lord Minto, the then Viceroy of India. The foundation stone for Minto Hall was laid on 12th November 1909. The building was finally completed by Nawab Hamidullah Khan, son of Nawab Shah Jahan Begum. The architect of this heritage building was AC Rowan
36. (A) In the history of independent India, a state of emergency has been declared thrice. The first instance was between 26 October 1962 to 10 January 1968 during the India-China war, when “the security of India” was declared as being “threatened by external aggression”.
37. (D) The Intergovernmental Panel on Climate Change (IPCC) is the international body for assessing the science related to climate change. It was set up in 1988 by the World Meteorological Organization (WMO) and United Nations Environment Programme (UNEP) to provide policymakers with regular assessments of the scientific basis of climate change, its impacts and future risks, and options for adaptation and mitigation.
38. (B) The mosque, whose leaning minaret was one of Mosul's most famous landmarks, is where IS leader Abu Bakr al-Baghdadi proclaimed a “caliphate” in 2014. The jihadist group blew it up last year as government forces retook the city.
39. (C) Telnet, developed in 1969, is a protocol that provides a command line interface for communication with a remote device or server, sometimes employed for remote management but also for initial device setup like network hardware. Telnet stands for Teletype Network, but it can also be used as a verb; ‘to telnet’ is to establish a connection using the Telnet protocol.
40. (B) Set up in March 2007 under the Commission for Protection of Child Rights Act, 2005. It works under the administrative control of the Ministry of Women & Child Development.
41. (A) Located 58km/90 mins from Bhopal in Vidhisha, Udayagiri Caves is a group of 20 Gupta-era temples and monasteries carved out of a rocky hill, out of which one is dedicated to Jainism and rest to Hinduism.
42. (B) The core of the kingdom was the area of Bihar south of the Ganges; its first capital was Rajagriha (modern Rajgir) and later it was Pataliputra (modern Patna).

43. (D) Bagh project is joint venture of Madhya Pradesh and Maharashtra.
44. (B)
45. (B) Purushottam Vinayak Dixit was appointed the “first lokayukta” of “Madhya Pradesh”. He was a “former chief justice” of the “High Court”. Lokayukta or civil commissioner is anti-corruption officer.
46. (A) Women Reservation in Panchayats. As per provisions contained in Article 243 D of the Constitution, 1/3rd of the Seats of Panchayati Raj Institutions and 1/3rd offices of the Chairperson at all level of Panchayati Raj Institutions covered by Part IX of the Constitution are reserved for women
47. (B) Brazil is at the top among the 18 megadiverse countries. It hosts between 15 and 20 per cent of the world’s biological diversity, with more than 120,000 species of invertebrates, about 9,000 vertebrates and more than 4,000 plant species
48. (C) The 3rd season of the Khelo India Youth Games concluded. Maharashtra retained its reign in the Khelo India Youth Games held in Guwahati with 256 medals including 78 gold. Haryana stood second with a total of 200 medals. Delhi finished third with 122 medals
49. (D) A modem is typically used to send digital data over a phone line. The sending modem modulates the data into a signal that is compatible with the phone line, and the receiving modem demodulates the signal back into digital data. Wireless modems convert digital data into radio signals and back.
50. (C) In 1964, the Central Vigilance Commission (CVC) was set up by the Government on the recommendations of Santhanam Committee, to advise and guide Central Government agencies in the field of vigilance.
51. (B) He was born in Narsinghpur district of Madhya Pradesh
52. (D) Abul Fazl was the author of Ain-i-Akbari and one of most important advisors in Akbar’s court. He was also one of the Navratnas in the court of Akbar. In 1602, he was assassinated under secret orders from emperor Akbar’s eldest son, the future emperor Jahangir as he thought that Abul Fazal was exciting hatred in the heart of Akbar. Bir Singhdeo Bundela was deputed by him to kill Fazl.
53. (B)
54. (C) The **Richter scale** is a **scale** of numbers used to tell the power (or **magnitude**) of earthquakes. Charles **Richter** developed the **Richter Scale** in 1935
55. (A) The Right to Education act was implemented in Madhya Pradesh in 2010.
56. (C) Article 32 affirms the right to move the Supreme Court if a fundamental right is violated
57. (D) The Thoracic cage (rib cage in common vernacular) is the organ system that protects the lungs. It is made up of bones, muscles, cartilage, and tendons.”The thoracic cage (rib cage) forms the thorax (chest) portion of the body. It consists of the 12 pairs of ribs with their costal cartilages and the sternum . The ribs are anchored posteriorly to the 12 thoracic vertebrae . The thoracic cage protects the heart and lungs.”
58. (C) India’s Apurvi Chandela on May 1, 2019 became world number 1 in women’s 10m air rifle event, according to the latest rankings released by the International Shooting Sport Federation.
59. (C) Tinder is a dating site.
60. (D) CVC does not come under any ministry and works as an independent body.

61. (B) Chomana Dudi is a feature film in the Kannada language. It is based on a novel of the same name, written by Shivaram Karanth. The film was released in the year 1975 and won the Swarna Kamal, India's National Award for the best film
62. (D) Nana Phadnavis was called the 'Chanakya of Maratha Politics'. He was one of the most influential ministers of the Maratha era. His administrative, diplomatic and financial skills brought prosperity to the Maratha Empire and his management of external affairs kept the Maratha Empire away from the thrust of the British East India Company.
63. (D)
64. (B) A carbon credit (often called a carbon offset) is a tradable certificate or permit. One carbon credit is equal to one tonne of carbon dioxide emitted. Carbon credits can be acquired through afforestation, renewable energy, CO2 sequestration, methane capture, buying from an exchange (carbon credits trading) etc.
65. (D) Both statements are correct
66. (A) S/he has the right to speak and to take part in the proceedings of both the Houses of Parliament or their joint sitting and any committee of the Parliament of which s/he may be named a member, but without a right to vote.
67. (D) Canning takes off Vitamin c from food, can add extra salt and sugar and in some cases can cause cancer.
68. (B) Netaji Subhas National Institute of Sports commonly known as National Institute of Sports, is the Academic Wing of the Sports Authority of India and Asia's largest Sports Institute located in city of Patiala
69. (D) yoox is a e-commerce website
70. (D) NITI Aayog was formed on 1st January 2015, it comes under M/o Planning and its full form is National Institution for Transforming India
71. (C) Muktibodh was born in Sheopur, Madhya Pradesh. He started out as an important poet, and was one of the seven poets included in the first volume of Tar Saptak
72. (B) Derozio joined Hindu College in 1826 and within a short period attracted students. The Academic Association, established in 1828 under the guidance of Derozio, arranged discussions on various subjects.
73. (D) Kanha Kisli is the oldest national park of Madhya Pradesh formed in 1955.
74. (D) Santiago is the beautiful capital of the South American country of Chile.
75. (C) Agar Malwa is the 51st district and a municipality in the state of Madhya Pradesh, India, formed in 2013 by excluding a part of Shajapur District. It is situated along the Indore—Kota SH-27 highway. It was formerly a cantonment region at the time of India's independence because of the favorable weather and the availability of water.
76. (B)
77. (C) National AIDS Control Organization is a division of the Ministry of Health and Family Welfare that provides leadership to HIV/AIDS control programme in India through 35 HIV/AIDS Prevention and Control Societies.
78. (C) The World Hindi Day or Vishwa Hindi Diwas was observed on January 10 every year. The day was observed as on this day in 1975, India's former Prime Minister Indira Gandhi inaugurated the first World Hindi Conference

79. (B) The National e-Governance Plan is an initiative of the Government of India to make all government services available to the citizens of India via electronic media. NeGP was formulated by the Department of Electronics and Information Technology and Department of Administrative Reforms and Public Grievances
80. (A) According to Article 338 there shall be a Special Officer for the Scheduled Castes and Scheduled Tribes to be appointed by the President.
81. (B) 1 Km distance from Narmada mandir in East Direction is Mai ki Bagia . Also called 'Charanotdakkund' . It is known for its natural beauty. According to the folk tale prevalent among the villagers, Narmada used to play at this place with her friend, a beautiful girl named Gulbakavali, a 12 year girl, at her tender age. Hence the name Narmadamai. 'Gulbakavali is actually' impersonation of a plant.
82. (D) During the Swadeshi Movement Gandhiji was in South Africa.
83. (B) Bandhavgarh National Park is in Madhya Pradesh and surrounded by 32 Hills. Bandhavgarh National Park is one of the wildlife sanctuaries of Madhya Pradesh situated at 197 Kms away north east of Jabalpur. It belongs to the Vindhyan mountain ranges of Central India and it boasts to have the highest density of tiger population.
84. (C) The Labrador Current is a cold current in the North Atlantic Ocean which flows from the Arctic Ocean south along the coast of Labrador and passes around Newfoundland, continuing south along the east coast of Canada near Nova Scotia. Near Nova Scotia, this cold water current meets the warm northward moving Agulhas
85. (D)
86. (B) The 10th Schedule of the Indian Constitution (which talks about the anti-defection law) is designed to prevent political defections prompted by the lure of office or material benefits or other like considerations. The Anti-defection law was passed by Parliament in 1985 and reinforced in 2002.
87. (D) On April 26, 1986, a sudden surge of power during a reactor systems test destroyed Unit 4 of the nuclear power station at Chernobyl, Ukraine, in the former Soviet Union. The accident and the fire that followed released massive amounts of radioactive material into the environment.
88. (D) The Pakistan military has conducted a test flight of a guided multi-launch rocket system (GMLRS), Fatah-1.
89. (D) Advertising is a marketing tool.
90. (C) National Backward Classes Commission was established in 1993.
91. (A) Bareilly village is in Jabalpur where Rani Durgavati's tomb is located.
92. (B) In 1927 Katherine Mayo, a foreign journalist, visited India. She wrote a book called 'Mother India'. It was about Indian civilization, culture and life. She saw only sheer ignorance and filth in India and nothing good or decent. People who were opposed to the freedom of India had given money for the publication of Miss Mayo's book. In response to that book Lala Lajpat Rai wrote this book. In this book Lala Lajpat Rai gave a fitting reply to false propaganda of Miss Mayo. In this book Lala Lajpat Rai compared Indian society with contemporary USA and Britain. He pointed out that situation is not much different than India. This book is really helpful in understanding India and world society of 1928.
93. (B) River Tons originates in Kaimur Hills in Maihar located in Satna district.
94. (B) Kimberley, South Africa, is home to the world's largest diamond mine, also known as the "Big Hole." Dug by humans and so large it is visible from space, the pit has yielded some of the world's largest diamonds

INDORE

95. (C) Indore has most number of SC Population whereas Jhabua has the lowest population.
96. (B) According to Article 169, Parliament may by law provide for the abolition of the Legislative Council of a State having such a Council or for the creation of such a Council in a State having no such Council, if the Legislative Assembly of the State passes a resolution to that effect by a majority of the total membership of the Assembly and by a majority of not less than two-thirds of the members of the Assembly present and voting.
97. (A) Bile is a complex fluid containing water, electrolytes and a battery of organic molecules including bile acids, cholesterol, phospholipids and bilirubin that flows through the biliary tract into the small intestine. This Bile is produced by the Liver.
98. (C) Veteran India wicket-keeper batsman Parthiv Patel announced his retirement from all forms of cricket on Wednesday (December 09). Patel, who made his debut for Team India at an age of 17 in 2002. He played important role in several victories for Team India at a very tender age but failed to cement his spot in the national side.
99. (A) Henry Edward Roberts is considered the father of Personal Computer, he is the one who coined the term "personal computer". He has released the Altair 8800 in 1974. It was later published on the front cover of Popular Electronics in 1975 making it an overnight success.
100. (A) The president of India appoints the chairman of commission.

INDORE