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2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

**GS SPECIAL MOCK TEST- 61 (ANSWER KEY)**

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|---------|---------|---------|---------|----------|
| 1. (C)  | 21. (B) | 41. (C) | 61. (C) | 81. (D)  |
| 2. (C)  | 22. (A) | 42. (A) | 62. (C) | 82. (B)  |
| 3. (A)  | 23. (A) | 43. (D) | 63. (B) | 83. (B)  |
| 4. (A)  | 24. (C) | 44. (D) | 64. (A) | 84. (B)  |
| 5. (C)  | 25. (B) | 45. (D) | 65. (D) | 85. (B)  |
| 6. (B)  | 26. (A) | 46. (A) | 66. (B) | 86. (C)  |
| 7. (C)  | 27. (C) | 47. (A) | 67. (A) | 87. (B)  |
| 8. (B)  | 28. (A) | 48. (D) | 68. (C) | 88. (C)  |
| 9. (A)  | 29. (A) | 49. (C) | 69. (A) | 89. (A)  |
| 10. (C) | 30. (C) | 50. (D) | 70. (B) | 90. (B)  |
| 11. (B) | 31. (B) | 51. (A) | 71. (C) | 91. (A)  |
| 12. (B) | 32. (D) | 52. (C) | 72. (B) | 92. (D)  |
| 13. (B) | 33. (D) | 53. (C) | 73. (A) | 93. (B)  |
| 14. (A) | 34. (A) | 54. (A) | 74. (B) | 94. (A)  |
| 15. (A) | 35. (C) | 55. (D) | 75. (D) | 95. (A)  |
| 16. (D) | 36. (B) | 56. (D) | 76. (C) | 96. (A)  |
| 17. (C) | 37. (B) | 57. (A) | 77. (A) | 97. (B)  |
| 18. (B) | 38. (D) | 58. (A) | 78. (C) | 98. (C)  |
| 19. (B) | 39. (B) | 59. (B) | 79. (B) | 99. (A)  |
| 20. (A) | 40. (D) | 60. (A) | 80. (A) | 100. (A) |

**Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003**

**Note:- Whatsapp with Mock Test No. and Question No. at 7053606571 for any of the doubts, also share your suggestions and experience of Sunday Mock**

**Note:- If you face any problem regarding result or marks scored, please contact 9313111777**

**GS SPECIAL MOCK TEST-61 (SOLUTION)**

1. (C) Ibadat Khana (House of Worship) at Fatehpur Sikri was the hall in which Akbar held discussion with scholars at various religions. It was built in 1575 CE by the Mughal Emperor Akbar (r. 1556-1605). By the late 1580s CE, Akbar began an attempt to reconcile the differences of all religions by creating a new faith, the Din-i-Ilahi .
2. (C)
  - Ursa Major is a constellation that can be seen in the northern hemisphere and part of the southern hemisphere. Ursa Major is the largest northern constellation and third largest constellation in the sky. Ursa Major is well-known in most world cultures and associated with a number of myths.
  - Sirius, also known as the Dog Star is the brightest star in Earth's night sky. With a visual magnitude of -1.46, the star is outshone only by several planets as well as the International Space Station.
  - Milky way is a large barred spiral galaxy. Our Sun (a star) and all the planets around it are part of a galaxy known as the Milky Way Galaxy.
  - Titan is the largest moon of Saturn. Titan is far colder than Earth, and its surface lacks stable liquid water, factors which have led some scientists to consider life there unlikely.
3. (A) Jawaharlal Nehru India's first Prime Minister (15 August 1947 - 27 May 1964) was also first Foreign Minister( 2nd September 1946 to 27th May 1964) of free India.
4. (A) Jiuquan satellite centre is situated in northwest China, about 150 km south of the Sino-Mongolia border . The Jiuquan Satellite Launch Centre (JSLC) is China's oldest rocket launch facility. It was founded in 1958, the first of China's three spaceports.
5. (C) India's power sector is one of the most diversified in the world. India ranks third among 40 countries in EY's Renewable Energy Country Attractiveness Index. the largest share of power generation in India is Thermal. The first demonstration of an electric light in Calcutta (now Kolkata) was conducted on 24 July 1879 by P.W. Fleury & Co. India's electricity sector consumes about 72% of the coal produced in the country.
6. (B) The 3rd edition of geo-political conference Raisina Dialogue was inaugurated by Israeli Prime Minister Benjamin Netanyahu in New Delhi. The theme of the conference for this year is 'Managing Disruptive Transitions: Ideas, Institutions and Idioms'.
7. (C)
  - First Anglo-Burmese war (5 March 1824 - 24 February 1826) was fought between the British and Burmese empires.
  - First Anglo-Afghan war ( 1839 to 1842) was fought between British imperial India and the Emirate of Afghanistan.
  - First Anglo-Maratha war (1775-1782) was the fought between the British East India Company and Maratha Empire in India.
  - Second Anglo- Mysore War(1780 to 1784) was fought between the Kingdom of Mysore and the British East India Company.
8. (B) Sabarimala Temple is located in the Periyar Tiger Reserve in the Western Ghat mountain ranges of Pathanamthitta District of Kerala. The temple is dedicated to the Hindu deity Sree Ayyappa.
9. (A) The joint sitting(Article 108) of the House of people and the Council of States is summoned by the president of India. The joint session of Indian Parliament has been called only for three times until now. It was called to pass three bills which are the Dowry Prohibition Act of 1961, the Banking service commission Repeal Bill of 1978 and the prevention of Terrorism Act of 2002. Not all bills can be referred to a joint sitting of Parliament. There are two exception i.e Money Bill and Constitution Amendment Bill.
10. (C) When your skin is injured or broken, platelets clump together and form clots to stop the bleeding. Platelets (thrombocytes) are colorless blood cells. Mammalian platelets have no cell nucleus: they are fragments of cytoplasm that are derived from the megakaryocytes of the bone marrow, and then enter the circulation.

11. (B) The World Trade Organization (WTO) deals with the global rules of trade between nations. Its main function is to ensure that trade flows as smoothly, predictably and freely as possible. The WTO officially commenced on 1 January 1995 under the Marrakesh Agreement.
12. (B) Telegram, a popular Dubai-based encrypted texting startup, will integrate a block chain system called "Telegram Open Network" (TON) into its messenger app and launch a new cryptocurrency called "Gram," according to Tech Crunch.
13. (B)
- A graphite reactor is a nuclear reactor that uses carbon as a neutron moderator, which allows un-enriched uranium to be used as nuclear fuel. Graphite has been a popular moderator in the past, however one drawback is that it needs to be extremely pure to be effective.
  - Graphite can be made artificially using boron electrodes, however during this process it is possible for the boron to "poison" the graphite if even a small amount of contamination occurs as boron is a very good neutron absorber. Control rods are used in nuclear reactors to control the fission rate of uranium and plutonium.
  - The primary use of a Uranium Fuel Rod is to sit in a Nuclear Reactor.
  - Liquid metallic sodium may be used as the sole coolant, carrying heat from the core. Sodium has a high heat capacity and it doesn't moderate fast neutrons like water does, making it very useful in a fast reactor.
14. (A)
- Viceroy's of India during the British rule
- Lord Curzon - 6 January 1899 to 18 November 1905
  - Lord Chelmsford- 4 April 1916 to 2 April 1921
  - Lord Harding- 23 November 1910 to 4 April 1916
  - Lord Irwin- 3 April 1926 to 18 April 1931
15. (A) 13th National Disaster Response Force Raising Day observed on 19th January 2018. NDRF saved 4000 lives from disaster striking the country last year. An MoU was also signed in between NDRF and NSDC.
17. (C) The corner of the cells of collenchyma tissue in plant are thickened due to deposition of Cellulose and pectin. Collenchyma cells are present at the periphery of herbaceous stems, petioles and in the ribs of some leaves. Collenchyma tissue is composed of elongated cells with irregularly thickened walls.
18. (B) Assistance to States for Development of Export Infrastructure and Allied Activities (ASIDE) Scheme launched in 2002. The main aim of ASIDE scheme was to encourage the export. The ASIDE scheme was launched after subsuming the following 4 erstwhile schemes:
- Export Promotion Industrial Park Scheme (EPIP),
  - Export Promotion Zones Scheme (EPZ),
  - Critical Infrastructure Balancing Scheme (CIB)
  - Export Development Fund (EDF) for the North-East and Sikkim
19. (B) Cosmic rays are atom fragments that rain down on the Earth from outside of the solar system. Cosmic rays are high-energy radiation. Most cosmic rays are atomic nuclei stripped of their atoms with protons (hydrogen nuclei) being the most abundant type but nuclei of elements as heavy as lead have been measured.
21. (B) On January 24, 1908, the Boy Scouts movement begins in England with the publication of the first installment of Robert Baden-Powell's Scouting for Boys. With the success of Scouting for Boys, Baden-Powell set up a central Boy Scouts office, which registered new Scouts and designed a uniform.
23. (A) Sarkaria Commission was set up in June 1983 by the central government of India under the chairmanship of Justice R.S. Sarkaria to review the question of centre state relations. It made the strong suggestion that Article 370 was not a transitory provision.
24. (C) MRI (Magnetic Resonance Imaging) is a non-invasive imaging technology that produces three dimensional detailed anatomical images without the use of damaging radiation. It uses a large magnet and radio waves to look at organs and structures inside the body. It is often used for disease detection, diagnosis, and treatment monitoring.

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26. (A) Bajaj Finance will acquire 12.60% stake in mobile wallet company Mobikwik.
27. (C) if the plane mirror is approaching the object with a speed of  $x/t = 10\text{cm/s}$  then the image will approach the object with a speed of  $2x/t = 20\text{ cm/s}$ . Hence the image will approach you with a speed of  $20\text{ cm/s}$ .
28. (A)
- Book Conquest of Self was written by Mahatma Gandhi and first edition of this book was published in 1943.
  - Book Crisis into Chaos was written by E. M. S. Namboodiripad and first edition of this book was published in 1981.
  - Book Golden Threshold was written by Sarojini Naidu and first edition of this book was published in 1905.
  - Book Wake up India was written by Annie Besant and first edition of this book was published in 1913.
- 29 (A) The ministry of environment and forest declared India's first marine eco-sensitive zone around Marine National Park in Gulf of Kutch, Gujarat. This decision prohibits any industrial activity in the area. It will apply stringent environmental regulations in the region for developmental works in 36 villages and 31 rivers flowing into the Arabian Sea.
30. (C) The 73rd Amendment 1992 added panchayati Raj System under Part-IX of the Constitution of India. Currently, the Panchayati Raj system exists in all states except Nagaland, Meghalaya, and Mizoram, and in all Union Territories except Delhi. Panchayat System or rural local self-government means the ruling of a local area by a body of people of the same locality, which is mainly under the control of the State Government. The system has three levels: Gram Panchayat (village level), Mandal Parishad or Block Samiti or Panchayat Samiti (block level), and Zila Parishad (district level).
31. (B) HIV (Human immunodeficiency) infection is a contagious disease and can be transmitted from person to person. AIDS (acquired immune deficiency syndrome) is transmitted by sexual intercourse, by blood transfusion and across the placenta. Untreated, HIV reduces the number of CD4 cells (T cells) in the body. This damage to the immune system makes it harder and harder for the body to fight off infections and some other diseases. No effective cure currently exists, but with proper medical care, HIV can be controlled.
32. (D) Mauritius was the largest source of foreign investment in India in FY17, followed by the US and the UK, according to recent census by the Reserve Bank of India (RBI). It has 21.8% share at market value. Foreign direct investment (FDI) in India is the major monetary source for economic development in India.
33. (D)
- Colt's Manufacturing Company is an American firearms manufacturer (Army industry), founded in 1855 by Samuel Colt. Samuel Colt received a British patent on his improved design for a revolver in 1835.
  - Alfred Bernhard Nobel was a Swedish chemist, engineer, inventor, businessman, and philanthropist. Known for inventing dynamite.
  - Newton's Law of Cooling states that the rate of change of the temperature of an object is proportional to the difference between its own temperature and the ambient temperature.
  - Pascal's law states that when there is an increase in pressure at any point in a confined fluid, there is an equal increase at every other point in the container.
34. (A) Cathode rays are not the part of electromagnetic spectrum. Cathode rays are streams of electrons observed in vacuum tubes.
35. (C) The Quit India Movement was a movement launched at the Bombay session of the All-India Congress Committee by Mahatma Gandhi on 9 August 1942, during World War II, demanding an end to British Rule of India. Due to the arrest of major leaders, a young and till then relatively unknown Aruna Asaf Ali presided over the AICC session on 9 August. She is widely remembered for hoisting the Indian National Congress flag at the Gowalia Tank maidan in Bombay during the Quit India Movement, 1942.

36. (B) India successfully tested Agni-V, validating the long range surface-to-surface ballistic missile's reliability. Agni-V is inter-continental ballistic missile (ICBM), which has a strike range of over 5,000km. "This was the fifth test of the missile and the third consecutive one from a canister on a road mobile launcher.
37. (B) Local government, that is to say, the constitution and powers of municipal corporations, improvement trusts, district boards, mining settlement authorities and other local authorities for the purpose of local self-government or village administration. It is listed in State List.
38. (D) Kala-azar is a slow progressing indigenous disease caused by a protozoan parasite of genus Leishmania.
39. (B) Payments Banks are a new set of differentiated banks introduced by the Reserve Bank of India with the aim of extending deposit and payments services to millions of unbanked and underbanked Indians. Vijay Shekhar Sharma is the Chairman in the Paytm Payments Bank. Headquarters of paytm payments Bank is in Noida, Uttar Pradesh.
42. (A) The Kheda Satyagraha of 1918 was the third Satyagraha movement inspired by Mohandas Gandhi in the Kheda district of Gujarat, India during the period of the British Raj. The peasants of Kheda signed a petition calling for the tax for this year to be scrapped in wake of the famine.
43. (D) Vamsadhara and Pennar are not the tributaries of Godavari. River Vamsadhara is an important east flowing river between Mahanadi and Godavari, in Southern Odisha and North Eastern Andhra Pradesh. The Pennar river rises on the hill of Nandi Hills in Chikballapur District of Karnataka state, and runs north and east through the state of Andhra Pradesh to empty into the Bay of Bengal.
44. (D) Attorney General for India is the Indian government's chief legal advisor, and its primary lawyer in the Supreme Court of India. The Attorney General for India is appointed by the President of India under Article 76(1) of the Constitution of India and holds office during the pleasure of the President. Attorney General is the first law officer of the government of India and acts as top advocate for Union Government
46. (A) Ujjivan Small Finance Bank launches tax saver FD scheme across all its branches with minimum amount is Rs. 1000 and the maximum, Rs. 1.5 lakh per financial year. The FD scheme is targeted at salaried individuals and business professionals.
47. (A) Senior BJP leader and former MLC Prof Narayan SadashivPharande passed away. Pharande had served as the chairman of the Maharashtra Legislative Council from 1998 to 2004 and also as the BJP state president from 1991 to 1995.
49. (C)
- Chauri-Chaura Episode 5 February 1922
  - Jallianwala Bagh massacre 13 April 1919
  - Rowlatt Satyagraha 18 March 1919
  - Champaran Satyagraha 19 April 1917
50. (D)
1. About 80% of the Manganese production of the country comes from Balaghat.
  2. NMDC is the only organised producer of diamond in India from its Majhgawan mine at Panna, Madhya Pradesh.
51. (A) Election Commissioners of India are members of Election Commission of India, a body constitutionally empowered to conduct free and fair elections to the national and state legislatures. Chief Election Commissioner of India is usually a member of the Indian Civil Service and mostly from the Indian Administrative Service. In India, the Chief Election Commissioner can be removed from his office in the same manner and on the same grounds as a judge of the Supreme Court. By the "Election Commission Act, 1991", the salary of the chief election commissioner is the same as salary of a Judge of Supreme Court of India.
53. (C) Bank of Baroda is a public sector bank of India. It is the third largest bank in the region after State Bank of India and Punjab National Bank. The tagline of Bank of Baroda is India's International bank.

  
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| <p>54. (A) US President Donald Trump has been awarded a 'Medal of Bravery' by the Afghans residents over his stand against Pakistan. The bravery award has been handed over to the US Embassy in Kabul. "This is a handmade medal .</p> <p>55. (D) Each cell of a lead storage battery consists of alternate plates of lead (cathode) and lead coated with lead dioxide (anode) immersed in an electrolyte of sulfuric acid solution.</p> <p>57. (A) All plants have some fiber in them, but certain plants have more fiber, which provides strength and elasticity to paper. Leaves of fibrous plants such as iris, yucca, corn, skins of onions and rice can be used to make paper.</p> <p>58. (A) There are five conditions under which parliament can make laws on state list.</p> <ol style="list-style-type: none"> <li>1. If rajya sabha approves a resolution with special majority and declares that a subject is of national interest. (under Article-249)</li> <li>2. Emergency under Article 352 is in operation</li> <li>3. If the legislature of 2 or more state request parliament to make law for an item in state list. for example kerela and tamilnadu can ask for water disputes. (under Article 252)</li> <li>4. For implementation of international treaties .eg Micro irrigation, treaty on agriculture.</li> <li>5. president's rule under Article 356 is in operation</li> </ol> <p>60. (A) Private sector lender YES Bank will mobilise \$1 billion till 2023 and \$5 billion till 2030 towards financing solar energy projects in India. The announcement was made at the International Solar Alliance (ISA) conference at Abu Dhabi.</p> <p>61. (C) World's longest 347km-long underwater cave system is discovered in Mexico by the Gran Acuifero Maya project. The maze of caves is a major archaeological find that promises to shed light on the mysteries of the Mayan civilization.</p> <p>62. (C) Maharashtra cabinet approves 1% reservation for orphans in government jobs under general category.</p> <p>63. (B)</p> <ol style="list-style-type: none"> <li>1. James Hargreaves's Spinning Jenny - 1764</li> <li>2. John Kay's Flying Shuttle - 1733</li> <li>3. Samuel Crompton's Mule - 1779</li> <li>4. Richard Arkwright's Water Frame - 1768</li> </ol> | <p>65. (D) The Supreme Court delivered a judgement August 12, 2005 in the case of P.A. Inamdar &amp; Ors. vs. State of Maharashtra &amp; Ors, declaring that the State can't impose its reservation policy on minority and non-minority unaided private colleges, including professional colleges. So, to impose the State's reservation policies on the private unaided colleges, 93rd Constitutional Amendments have added Article 15(5) in the Constitution of India providing for reservation in educational institution in the Private sector also.</p> <p>67. (A) India's largest IT Service firm, TCS has signed a deal worth over \$690 million with M &amp; G prudential. Under the contract, TCS will digitally transform M&amp;G Prudential's business and deliver enhanced service for its UK savings and retirement customers.</p> <p>68. (C) The famous Brazil national football player Ronaldinho has retired from international football.</p> <p>69. (A) Charles Babbage, A mathematician, philosopher, inventor and mechanical engineer, originated the concept of a digital programmable computer. He known as the father of computer.</p> <p>71. (C)</p> <p>According to the census 2011</p> <p>most populous state- Uttar Pradesh<br/>least populous state - Sikkim<br/>growth of population- 17.64 %<br/>highest fertility rate- Meghalaya<br/>Literacy Rate- 74.04 %<br/>most literate state- Kerala (93.9%)<br/>least literate state - Bihar (63.82%)<br/>most literate Union territory- Lakshadweep (92.2%)<br/>least literate Union territory- Dadra and Nagar Haveli<br/>least populous Union territory- Lakshadweep</p> <p>73. (A) Caffeine is the world's most widely consumed psychoactive drug. caffeine in small quantities has therapeutic benefits in some mammals. Soft drinks such as cocoa contain significant quantities of Caffeine.</p> <p>74. (B) Private sector Leander Bank DCB Bank has raised Rs.150 crore through issuance of bonds. Headquarters of DCB Bank is in Mumbai. Murali M Natrajan is MD and CEO of DCB Bank.</p> |
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| <p>75. (D) Renowned cinematographer WB Rao passed away. His first film was Insaaf in 1987.</p> <p>77. (A) Plassey is located near Murshidabad in west Bengal. The Battle of Plassey was a major battle that took place on 23 June 1757 at Palashi, Bengal between British East India Company and the Nawab of Bengal</p> <p>78. (C) Concept of 'biodiversity hotspots' was given in 1988 by Norman Myers. The Biodiversity hotspots support 60% of world's plant and animal species with a high share of endemics and cover around 2.5% of Earth's land surface.</p> <p>79. (B) Some parts of Article 22 are not Fundamental Rights but are Fundamental Dangers to the citizens of India for whom and allegedly by whom the Constitution was framed, to usher in a new society, with freedom of expression and freedom of association available to all. The preventive detention laws are repugnant to modern democratic constitutions. Article 22(1) and (2) are also called Rights of an arrested person.</p> <p>81. (D) For the Co-production of film between two nations India's prime minister has signed a pact with Isrel's Prime minister Benjamin Netanyahu.</p> <p>82. (B) Om Prakash Rawat was appointed as the next chief election commissioner (CEC). Before being appointed as election commissioner, Rawat served as secretary in the ministry of heavy industries and public enterprises. He also served as principal secretary to the chief minister of Madhya Pradesh from 2004 to 2006.</p> <p>85. (B) Ozone layer above the surface of Earth provides a shield against Ultra-Violet rays. Exposure to ultraviolet (UV) radiation is a major risk factor for most skin cancers. UV radiation is also produced by electric arcs.</p> | <p>86. (C) Former football player George weah take charge as the 25th president of Liberia.</p> <p>88. (C) Chinese e-commerce giant Alibaba owned messaging app Ding Talk enterprise which is aimed at SMEs has entered the Indian market following the release of an English version Of the app.</p> <p>91. (A) The iconic teen murit chowk in central New Delhi was renamed as Teen murti - Haife after the Israeli City Haifa . The announcement comes after the scheduled visit of Israel Prime Minister Benjamin Netanyahu to India.</p> <p>93. (B) Sanjay Agarwal is the MD and CEO of AV small finance Bank. Headquarter of AU small finance Bank is in Jaipur. It was established in 1996.</p> <p>94. (A) Tamiflu is an antiviral medication used to treat flu symptoms caused by influenza.</p> <p>95. (A) Asian Development Bank has signed an equity investment of up to \$ 50 million with true North VI LLP to provide equity capital to middle - market companies in India. Through its investment in True North VI, ADB will support market leading businesses in India that require sophisticated funding solutions to realize their growth plans.</p> <p>99. (A) The Indian Coast Guard (ICG) and Japan Coast Guard (JCG) undertook a joint search and rescue exercise, 'SAREX-18,' in the Bay of Bengal off the Chennai coast.</p> <p>100. (A) The National Human Rights Commission, NHRC will be holding two days 'Open Hearing and Camp Sitting' in order to address the grievances of the people speedily at Jaipur, Rajasthan on the 18th - 19th January, 2018. Besides the hearing of the cases, the Government officers will also be sensitized about the issues concerning human rights.,</p> |
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