


KD Campus
KD Campus Pvt. Ltd

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

GS SPECIAL MOCK TEST- 34 (ANSWER KEY)

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

Note : *If your opinion differ regarding any answer, please message the mock test and Question number to 8860330003*

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

GS SPECIAL MOCK TEST-34 (SOLUTION)

1. (C)
2. (B)
3. (A)
4. (D)
5. (B)
6. (C) Central Leather Research Institute or CLRI is the world's largest leather research institute in terms of research papers and patents. The institute located in Chennai, Tamil Nadu was founded on 24 April 1948 as a constituent laboratory under the Council of Scientific and Industrial Research.
7. (B) The primary product of PM Narendra Modi's Pradhan Mantri MUDRA Yojana will be providing refinance for lending to micro businesses/units (medium and small entrepreneurs). The initial products and schemes under this umbrella have already been created and the interventions have been named 'Shishu', 'Kishor' and Tarun
 1. Shishu: covering loans up to Rs 50,000
 2. Kishor: covering loans above Rs 50,000 and up to Rs. 5 lakh
 3. Tarun: covering loans above Rs 5 lakh and up to Rs. 10 lakh
8. (D)
9. (C)
10. (D)
11. (B)
12. (A)
13. (C) Engel's law is an observation in economics stating that as income rises, the proportion of income spent on food falls, even if actual expenditure on food rises. The expectations-augmented Phillips curve is the straight line that best fits the points on the graph (the regression line). It summarizes the rough inverse relationship. The Laffer Curve is a theory developed by supply-side economist Arthur Laffer to show the relationship between tax rates and the amount of tax revenue collected by governments.
14. (C)
15. (C) A cryogenic rocket engine is a rocket engine that uses a cryogenic fuel or oxidizer, its fuel or oxidizer (or both) are gases liquefied and stored at very low temperatures. Notably, these engines were one of the main factors of NASA's success in reaching the Moon by the Saturn V rocket.
16. (B)
17. (D) Prime Minister Narendra Modi has recently launched an Aadhaar-based mobile app "Bharat Interface for Money (BHIM)" to promote easier digital payments and transactions at Digi Dhan Mela at talkatora stadium in New Delhi. The Bhim app is named after Dr B R Ambedkar and will empower small traders, tribals and farmers. The app is inter-operable with Unified Payments Interface (UPI) and it connects directly to your bank account.
18. (D) Upanayana is one of the traditional Samskaras (rites of passage) that marked the acceptance of a student by a guru (teacher) and an individual's entrance to a school in Hinduism. The tradition is widely discussed in ancient Sanskrit texts of India and varies regionally.
19. (B)
20. (B)
21. (C)
22. (C)
23. (D) Prof. David R. Syiemlieh has been appointed as the new chairman of the Union Public Service Commission (UPSC). He is from Meghalaya and was a UPSC member. Syiemlieh was charged on January 4, 2017 and retire on January 21, 2018. He will succeed Alka Sirohi, a retired IAS officer of the Madhya Pradesh cadre.
24. (A)
25. (C)
26. (B)
27. (D)
28. (D) Swabhimaan is a campaign of the Government of India which aims to bring banking services to large rural areas. This campaign is to be operated by the Ministry of Finance, Government of India and the Indian Banks' Association (IBA) to bring banking within the reach of the masses of the Indian population. The Mahatma Gandhi National Rural Employment Guarantee Act is a law whereby any adult who applies for employment in rural areas has to be given work on local public works within 15 days. If employment is not given, an unemployment allowance has to be paid.
29. (A)
30. (C)

31. (B) The K computer – named for the Japanese word “kei” meaning 10 quadrillion (10¹⁶) a supercomputer manufactured by Fujitsu, currently installed at the RIKEN Advanced Institute for Computational Science campus in Kobe, Japan. SuperMUC is the name of a supercomputer of the Leibniz Supercomputing Centre (LRZ) of the Bavarian Academy of Sciences. It is housed in the LRZ’s data centre in Garching near Munich. Tianhe-1 is a supercomputer capable of maximum range of 2.5 peta FLOPS. Located at the National Supercomputing Center in Tianjin, China, it was the fastest computer in the world from October 2010 to June 2011 and is one of the few Peta scale supercomputers in the world.
32. (D) The Ratan Watal committee has recently submitted report on promoting digital payments to the Union Government. It suggested withdrawal of all charges levied by government departments and utilities on digital payments and making it mandatory for government departments and agencies to provide option to consumers to pay digitally.
33. (D) China has successfully tested the newest version of the J-31 stealth fighter “FC-31 Gyrfalcon”, the 5th generation fighter jet. The new FC-31 has better stealth capabilities, improved electronic equipment and a larger payload capacity.
34. (A) Jivaka Kumar was born in modern-day Rajgir, in the ancient capital of Magadha around 540 BCE. He was contemporary of King Bimbisara and later Ajatashatru. He was trained in Ayurveda medicine, Jivaka was also well versed in Asana and meditation practice. Believed to have been inspired by the teachings of the Buddha.
35. (B)
36. (B) The Directive Principles of State Policy, enshrined in Part IV of the Indian Constitution reflects that India is a welfare state. Seats are reserved for scheduled castes and scheduled tribes in government jobs, educational institutions, Lok Sabha and Vidhan Sabha.
37. (A) The methodology for arriving at poverty estimates has been in place for the last several years and various committees in the past have arrived at estimates based upon certain indices of poverty from time to time. These Committees include the Alagh Committee (1977), the Lakdawala Committee (1989) followed by the Tendulkar Committee (2005) which submitted its recommendations in 2009.
38. (B)
39. (D) Maski is a village and an archaeological site in the Lingasugur taluk of Raichur district of the state of Karnataka, India. The site came into prominence with the discovery of a minor rock edict of Emperor Ashoka by C. Beadon in 1915. It was the first edict of Emperor Ashoka that contained the name Ashoka.
40. (D) 29 July 2015 – The world’s population is projected to reach 8.5 billion by 2030, 9.7 billion by 2050 and exceed 11 billion in 2100, with India expected to surpass China as the most populous around seven years from now and Nigeria overtaking the United States to become the world’s third largest country around 35 years from now, according to a new United Nations report released.
41. (A)
42. (D) Each state has an Advocate-General, an official corresponding to the Attorney-General of India and with similar functions for the state. According to the Article 165, he is appointed by the Governor and holds office during the pleasure of the Governor. Only a person qualified to be a judge of High Court can be appointed to the post. His remuneration is determined by the Governor. Article 177 empowers him to speak and to take part in the proceedings of the Legislature of the state, but he has no right to vote in it. As provided in Civil Procedure Code, High Courts are not original, appellate and advisory jurisdiction at the state level.
43. (A) The endoplasmic reticulum (ER) is a type of in eukaryotic cells. The membranes of the ER are continuous with the outer nuclear membrane. The endoplasmic reticulum occurs in most types of eukaryotic cells, including Giardia, but is absent from red blood cells and spermatozoa.
44. (A) In plants, photosynthesis takes place in chloroplasts, which contain the chlorophyll. Chloroplasts are surrounded by a double membrane and contain a third inner membrane, called the thylakoid membrane. Mitochondria are known as the powerhouses of the cell. They are

- organelles that act like a digestive system which takes in nutrients, breaks them down, and creates energy rich molecules for the cell. The biochemical processes of the cell are known as cellular respiration. Messenger RNA (mRNA) molecules carry the coding sequences for protein synthesis and are called transcripts; ribosomal RNA (rRNA) molecules form the core of a cell's ribosome's (the structures in which protein synthesis takes place); and transfer RNA (tRNA) molecules carry amino acids to the ribosome's during protein synthesis.
45. (B) The Periya Puranam (Tamil), that is, the great purana or epic, sometimes called Tiruttontarpuranam ("Tiru-Thondar-Puranam", the Purana of the Holy Devotees) was compiled during the 12th century by Sekkizhar. It provides evidence of trade with West Asia.
46. (A) Rank Country Uranium Reserves (metric tons)
- | | |
|----------------|-----------|
| 1. Australia | 1,706,100 |
| 2. Kazakhstan | 679,300 |
| 3. Russian Fed | 505,900 |
| 4. Canada | 493,900 |
47. (C)
48. (C) Non-plan revenue expenditure is accounted for interest payments, subsidies (mainly on food and fertilizers), wage and salary payments to government employees, grants to States and Union Territories governments, pensions, police, economic services in various sectors, other general services such as tax collection, social services, and grants to foreign governments. Non-plan capital expenditure mainly includes defense, loans to public enterprises, loans to States, Union Territories and foreign governments.
49. (A)
50. (B) In anatomy, a nasal concha, also called a turbinate or turbinal, is a long, narrow, curled shelf of bone that protrudes into the breathing passage of the nose in humans and various animals. In humans, the turbinates divide the nasal airway into 4 groove-like air passages, and are responsible for forcing inhaled air to flow in a steady, regular pattern around the largest possible surface area of nasal mucosa, which, as a ciliated mucous membrane with shallow blood supply, cleans and warms the inhaled air in preparation for the lungs.
51. (D) Navaratnas were present in the court of Chandragupta II Vikramaditya. The nine gems of the group were
- Kalidasa
 - Vetala Bhatta
 - Varahamihira
 - Vararuchi
 - Amarasimha
 - Dhanvantari
 - kshapanak
 - Shanku
 - Ghatakarpura
52. (D)
53. (D) A bill is proposed legislation under consideration by a legislature. A bill does not become law until it is passed by the legislature and, in most cases, approved by the executive. Once a bill has been enacted into law, it is called an Act or a statute.
54. (B) An agricultural produce market committee (APMC) is a marketing board established by a state government in India. APMC operate on two principles:
- Ensure that farmers are not exploited by intermediaries (or money lenders).
 - All food produce should first be brought to a market yard and then sold through auction.
55. (D) The hepatic portal vein is a blood vessel that carries blood from the gastrointestinal tract and spleen to the liver. This blood is rich in nutrients that have been extracted from food.
56. (A)
57. (D) Since 1981, the Department of Ocean Development has been launching scientific research expeditions on annual basis to Antarctica to utilize its singular environment as a great natural laboratory for scientific investigations. To carry out its scientific programmes India established the first station at Dakshin Gangotri in 1983. The second permanent station Maitra was established at Schimacher ranges in 1989. Dakshin Gangotri is now being used as supply base and transit camp. Maitri Station is manned throughout the year for scientific activities. The station is specially designed and built to withstand the vagaries of the extreme climate of Antarctica.
58. (B)
59. (C) Russia, Azerbaijan, Uzbekistan, Belarus, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan and Armenia comprise the Commonwealth of Independent States, or CIS,


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- as of 2014. Turkmenistan and Ukraine are both unofficial members of the organization. Georgia was a member of the CIS but left the group in 2008.
60. (C) In Indian law, public interest litigation means litigation for the protection of the public interest. It is litigation introduced in a court of law, not by the aggrieved party but by the court itself or by any other private party.
61. (A) The Committee on Investor Awareness and Protection, chaired by Mr D. Swaroop from Pensions Fund Regulatory Authority of India (PFRDA), on the need for minimum standards for financial advisers and financial education. The paper states that the twin goals of regulation and making the populace financially able are essential for the healthy growth of the financial services industry.
62. (D) The Nobel Prize in Physiology or Medicine 1979 was awarded jointly to Allan M. Cormack and Godfrey N. Hounsfield "for the development of computer assisted tomography
Ian Donald (December 1910 – 19 June 1987) was a Scottish physician who pioneered the use of diagnostic ultrasound in medicine.
In the mid-1950s, Earl Bakken became acquainted with Dr. C. Walton Lillehei, a pioneer in open heart surgery at the University of Minnesota Medical School. At that time, Dr. Lillehei and other surgeons discovered that heart block occurred after corrective heart surgery in about 10% of their patients.
Pramod Karan Sethi (28 November 1927 6 January 2008) was an Indian orthopedic surgeon. With Ram Chandra Sharma, he co-invented the "Jaipur foot", an inexpensive and flexible artificial limb, in 1969.
63. (C) India's first Digi Dhan mela has been held in Gurugram, Haryana on December 26, 2016 to promote digital and cashless transactions. In it, a customer can purchase any item meant for sale by paying digitally only. The next Digi Dhan Mela will be organized in Dehradun on December 29, 2016 to promote plastic money.
64. (C) The Bihar government has recently declared 50% reservation in all judicial services for aspirants belonging to the EBCs, OBCs, SCs and STs. According to the Bihar Cabinet, aspirants belonging to EBCs will get 21% reservation, OBCs will have 12 % reservations, SCs will have 16 % reservation and STs will be provided 1% reservation in all judicial services of the State.
1. A Public Interest Litigation(PIL) can be filed in any High Court or directly in the Supreme Court.
2. It is not necessary that the petitioner has suffered some injury of his own or has had personal grievance to litigate.
65. (A)
66. (B)
67. (D)
68. (B) In the Republic of India, a chief minister is the head of government of each of twenty-nine states and two union territories (Delhi and Pondicherry). According to the Constitution of India, at the state-level, the governor is de jure head, but de facto executive authority rests with the chief minister. The Chief Minister is the leader of the Legislative Assembly of the State. On his advice the Governor exercises his functions in matters like summoning, proroguing or, if necessary, dissolving the Legislative Assembly. As the chief spokesman of the State Government, he explains the government policies.
69. (C) The mission of the Company is to join its community partners and stake holders to make CONCOR a Company of outstanding quality. To provide responsive, cost effective, efficient and reliable logistics solutions to its customers through synergy with community partners and ensuring profitability and growth.
70. (A)
71. (B) 1. Tughlaqabad fort in 1321
2. Lodhi garden in 1517
3. QutubMinar in 1192
4. FatehpurSikri in 1569
72. (C) Copacabana is located in the South Zone of the city of Rio de Janeiro, Brazil. Copacabana Beach is one of the most famous and most beautiful beaches in the world.
73. (D)
74. (D)
75. (A)
76. (B)
77. (C) The 8th edition of Vibrant Gujarat Global Summit was held at Mahatma mandir, Gandhinagar from January 10th to 13th, 2017. The central focus of the 2017 Global Summit is "Sustainable Economic and

- Social Development". The Summit was bring together Heads of States and Governments, Ministers, Leaders from the Corporate World, Senior Policy Makers, Heads of International Institutions and Academia from around the world to further the cause of development and promote cooperation.
78. (C) The correct chronological order of the Afghan rulers to the throne of Delhi is Bahlol Khan Lodi (1451-1489), Sikandar Shah (1489-1517), Ibrahim Lodi (1517-1526).
79. (C)
80. (D) The Article 20 is one of the pillars of fundamental rights guaranteed by the Constitution of India. It mainly deals with protection of certain rights in case of conviction for offences. When an individual as well as corporations are accused of crimes, the provisions of Article 20 safeguard their rights. The striking feature of the Article 20 is that it can't be suspended during an emergency period. Protection Of Life And Personal Liberty: No person shall be deprived of his life or personal liberty except according to procedure established by law. Article 21 Of The Constitution Of India.
81. (D) Mercosur is composed of 5 sovereign member states: Argentina; Brazil; Paraguay; Uruguay; and Venezuela. Following the impeachment of President Fernando Lugo by the Paraguayan Senate, this country was suspended from Mercosur, and the admittance of Venezuela as a full member became effective on 31 July 2012.
82. (D)
83. (A) Nedumkayam, Nilambur in Malapuram District of Kerala has become the India's first cashless and digital tribal colony. The people of this colony, in spite of threats from the Maoists, are all set for digital transactions. The declaration was made after adequate training for the entire tribal people of the colony in cashless transaction and digital literacy.
84. (A) The Swachh Swasth Sarvatra is a joint initiative of the Ministry of Health and Family Welfare and the Ministry of Drinking Water and Sanitation to achieve better health outcomes through improved sanitation and increased awareness and healthy lifestyles.
85. (D) The Modi script was used to write the Marathi language spoken in the Indian state of Maharashtra. It originated as a cursive variant of the script during the 17th century CE. Modi was used until the 1950's when Devanagari replaced it as the written medium of the Marathi language.
86. (A)
87. (B)
88. (B) BRICS is the acronym for an association of five major emerging national economies: Brazil, Russia, India, China and South Africa. The grouping was originally known as "BRIC" before the inclusion of South Africa in 2010. The New Development Bank (NDB), formerly referred to as the BRICS Development Bank, is a multilateral development bank operated by the BRICS states (Brazil, Russia, India, China and South Africa) as an alternative to the existing American and European-dominated World Bank and International Monetary Fund.
89. (B) An epiphyte is a plant that grows harmlessly upon another plant (such as a tree) and derives its moisture and nutrients from the air, rain, and sometimes from debris accumulating around it. Epiphytes are usually found in the temperate zone or in the tropics.
90. (C) Vinod Dham is an inventor, entrepreneur and venture capitalist. He is popularly known as the Father of the Pentium chip and for his contribution to the development of highly successful Pentium processors from Intel. Sir John Dalton was an English chemist, physicist, and meteorologist. He is best known for his pioneering work in the development of modern atomic theory; and his research into colour blindness. "Bill" Gates is an American business magnate, entrepreneur, investor, author, and philanthropist. In 1975, he and Paul Allen co-founded Microsoft, which became the world's largest PC software company. During his career at Microsoft, Gates held the positions of chairman, CEO and chief software architect, and was the largest individual shareholder until May 2014.
91. (B) The Haj Committee of India (HCoI) is a statutory body of Union Ministry of Minority Affairs constituted under the Haj Committee Act, 2002 (Act 35 of 2002). It makes arrangements for the Haj pilgrimage of Muslims in India. Recently, the Union Minister of State for Minority Affairs (Independent Charge) and Parliamentary


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Affairs, Mukhtar Abbas Naqvi has launched Haj Committee of India Mobile App at Haj House in Mumbai to encourage online applications to ensure fair opportunity for 2017 Haj pilgrimage with complete transparency and comfort.

92. (C)
93. (B) Whitley Council Also known as Joint Industrial Council (JIC)/National Joint Industrial Council (NJIC). it is a council of employers and trade unions established in the initially in United Kingdom. It works as a connecting channel between employers and worker groups for consultation between to foster better and friendly industrial relations.
94. (A)
95. (C)
96. (D) Work done by the string of the simple pendulum during one complete oscillation is zero. Tension in the string exactly cancels the component parallel to the string. This

leaves a net restoring force back towards the equilibrium position as it is equal to zero.

97. (C) In this activity, students will culture nitrogen-fixing bacteria from root nodules of leguminous plants. This will reinforce understanding of the role of bacteria in the nitrogen cycle and explore an example of symbiosis or mutualism.
98. (A) Chandragiri Fort is a historical fort, built in the 11th century located in Chandragiri, Tirupati in Andhra Pradesh, India. Chandragiri was under the rule of Yadava Naidus for about three centuries and came into control of Vijayanagar rulers in 1367.
99. (C)
100. (B)