


KD Campus
KD Campus Pvt. Ltd

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

GS SPECIAL MOCK TEST- 59 (ANSWER KEY)

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

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-58 (SOLUTION)

1. (B) Hoysala architecture is the building style developed under the rule of the Hoysala Empire between the 11th and 14th centuries, in the region known today as Karnataka, a state of India. Large and small temples built during this era remain as examples of the Hoysala architectural style, including the Chennakesava Temple at Belur, the Hoysaleswara Temple at Halebidu, and the Kesava Temple at Somanathapura.
2. (B) A mountain that was formed before the beginning of the Tertiary Period is called old Mountain.
3. (B) The Constitution of India is the supreme law of India. B. R. Ambedkar, the chairman of the Drafting Committee, is widely considered to be its chief architect. B. N. Rau was appointed as the Constitutional Adviser to the Constituent Assembly in formulating the Indian Constitution in 1946. It was adopted by the Constituent Assembly on 26 November 1949, and came into effect on 26 January 1950. At the time of commencement, the constitution had 395 articles in 22 parts and 8 schedules. It consists of almost 80,000 words and took 2 years 11 months and 18 days to build."
4. (C) Warm-Blooded animal, such as mammals and birds, that maintain a constant body temperature regardless of the temperature of the surroundings. It has been hypothesized that mammals and birds evolved warm-bloodedness as a defense against fungal infections. Very few fungi can survive the body temperatures of warm-blooded animals.
5. (C) Economic Planning is the making of major economic decisions. In an economy like India, the basis socioeconomic problems like poverty, unemployment, stagnation in agricultural and industrial production and inequality in the distribution of income and wealth can hardly be solved within the framework of an unplanned economy planning is required to remove these basic maladies. The Concurrent List (Seventh Schedule) is a list of 52 items (though the last item is numbered 47) given in the Seventh Schedule to the Constitution of India. It includes the power to be considered by both the central and state government.
6. (C) The Union Ministry of Railways has launched Smart Freight Operation Optimisation & Real Time Information (SFOORTI) application to help plan traffic flows and optimize freight operations.
7. (D) The Atharvaveda is composed in Vedic Sanskrit, and it is a collection of 730 hymns with about 6,000 mantras, divided into 20 books. The Atharvaveda Samhita contains hymns many of which were charms, magic spells and incantations. Some hymns were not about magic spells and charms, but prayer qua prayer and philosophical speculations.
8. (B)
 - Doddabetta (Means Big hill in Kannada) is the highest mountain in the Nilgiri hills.
 - Vindhyaachal Mountain spreads in Gujarat, Madhya Pradesh, Uttar Pradesh, Bihar and Jharkhand, and parts of Madhya Pradesh and parts of Uttar Pradesh, its terrain is called Bharner hill. The eastern part of Vindhyan Chal, which comes from Satpura hill, The hill is called Meckel's Hill.
 - The Dhaulagiri massif in Nepal extends 120 km (70 mi) from the Kaligandaki River west to the Bheri. Dhaulagiri I is the seventh highest mountain in the world and the highest mountain within the borders of a single country (Nepal).
 - The mountain lies near the source of some of the longest Asian rivers: the Indus, Sutlej, Brahmaputra, and Ghaghara. Mount Kailash is a peak in the Kailash Range, which forms part of Transhimalaya in the Tibet Autonomous Region of China.
9. (D) Government of India Act 1935 was passed by British Parliament in August 1935. The Government of India Act 1935 was the last constitution of British India which split Burma from it. It lasted until 1947, when British territory was split into Pakistan, India. This act was opposed by both the Muslim League and Congress however both contested in the elections of 1937.
10. (D) The Vechur Cattle is a rare breed of Bos

- indicus cattle named after the village Vechoor in Kottayam district of the state of Kerala in India. it is the smallest cattle breed in the world according to the Guinness Book of Records, and is valued for the larger amount of milk it produces relative to the amount of food it requires. The protein component of the Vechur cow's milk has an improved antimicrobial property. The Vechur Ghee (clarified butter) produced from Vechur cow's milk, is famous for its high medicinal values due to the presence of A2 beta-lactalbumin protein and higher argentine content which is good for the health of convalescing people.
11. (B) A committee on capital account convertibility was setup by the Reserve Bank of India (RBI) under the chairmanship of former RBI deputy governor S.S. Tarapore to "lay the road map" to capital account convertibility consisting of the following:
- Shri S.S. Tarapore Chairman
 - Dr. Surjit S. Bhalla Member
 - Shri M.G. Bhide Member
 - Dr. R.H. Patil Member
 - Shri A.V. Rajwade Member
 - Dr. Ajit Ranade Member
- The committee was formed on 28 February 1997. The committee submitted its report in May 1997. The objective of the committee was to study economies that had implemented capital account convertibility and understand the prerequisites for it.
12. (C) Dr K Sivan is an Indian Space Scientist who has been appointed as the next Chairman of the Indian Space Research Organization. He currently serves as Director, Vikram Sarabhai Space Center. Sivan is popularly known as 'Rocket Man' for his significant contribution in the development of cryogenic engines. In 2014, he received Doctor of Science (Honoris Causa) from Sathyabama University, Chennai and Shri Hari Om Ashram Prerit Dr Vikram Sarabhai Research award in 1999. He was conferred upon with the prestigious Dr Biren Roy Space Science award in 2011.
14. (B) In February March 1918 Saurashtra region faced plague. Mill Owner of Ahmedabad Decide to end the Plague Bounce. The Mill Owners wanted to withdraw the bonus whole the workers demanded a 50% wage hike. The Mill Owners were willing to give only 20% wage hike. But after First World War The worldly Plague i.e. Inflation came into existance. In March 1918, under the leadership of Gandhi, there was a strike in the cotton mills. In this strike Gandhi used the weapon of Hunger strike. The result was that the strike was successful and the workers got a 35% wage increase.
15. (D)
- Morphine is a pain medication of the opiate variety which is found naturally in a number of plants and animals. It acts directly on the central nervous system (CNS) to decrease the feeling of pain.
 - Sodium is high reactive element. If it is kept in open it can explosively react with oxygen to catch fire. Hence to prevent accidental damage sodium is immersed in kerosene oil.
 - Boric acid is a weak, monobasic Lewis acid of boron, which is often used as an antiseptic, insecticide, flame retardant, neutron absorber, or precursor to other chemical compounds.
 - German silver is alloys of copper, zinc, and nickel, sometimes also containing lead and tin.
16. (B) The first national flag in India is said to have been hoisted on August 7, 1906, in the Parsee Bagan Square (Green Park) in Calcutta. In 1947, when India gained freedom from the British, a committee headed by Dr. Rajendra Prasad decided to adopt the flag of the Congress as the national flag of India with a few modifications. On July 21st 1947, the National Flag was adopted by the Constituent Assembly.
18. (B) Warm-blooded animal species can maintain a body temperature higher than their environment. Warm-blooded creatures, like mammals and birds, try to keep the inside of their bodies at a constant temperature. They do this by generating their own heat when they are in a cooler environment, and by cooling themselves when they are in a hotter environment. Cold-blooded creatures take on the temperature of

their surroundings. They are hot when their environment is hot and cold when their environment is cold.

19. (A) mass of sun = 2×10^{30} kg
mass of proton = 2×10^{-27} kg
 \therefore No of protons in the sun =
 $(2 \times 10^{30} \text{ kg}) \div (2 \times 10^{-27} \text{ kg}) = 10^{57}$

20. (A)

Organization	Location	Establishment
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- | | | |
|----------|-----------------------|------|
| a. ISRO | 1. Bengaluru | 1969 |
| b. IUCAA | 2. Pune | 1988 |
| c. IUAC | 3. New Delhi | 1990 |
| d. VSSC | 4. Thiruvananthapuram | 1963 |

21. (A) The "Bombay Manifesto" signed in 1936 by twenty-one Bombay businessmen, contained an open indictment of Nehru's preaching of socialist ideals, which were deemed prejudicial to private property and to the peace and prosperity of the country.

Although it did not evoke support from any other section of the business community, it strengthened the hands of the moderates within the Congress like Bhulabhai Desai and G.B. Pant who put pressure on Nehru to tone down his socialist utterances.

22. (C) Ocean currents can be generated by wind, density differences in water masses caused by temperature and salinity variations, gravity, and events such as earthquakes. Revolution of Earth is not related with Generation of Ocean Current

23. (A) The Constitution makers had deliberated the issue of Official Language in detail at the time of framing the Constitution and it was decided that Hindi in Devanagari script should be adopted as the official language of the Union. This is the basis of declaring Hindi as the Official Language of the Union under Article 343(1). Article 351 of the Constitution speaks of the development of Hindi as the Official Language of the Union. This Committee was set up in 1976 under section 4 of the Act. This Committee comprises of 30 members of Parliament,

20 from Lok Sabha and 10 from Rajya Sabha. Later, the Committee was reconstituted after the 1977, 1980, 1984, 1989, 1991, 1996, 1998, 1999 & 2004 Lok Sabha polls.

24. (B) Down syndrome is caused by having three copies of the genes on chromosome 21, rather than the usual two. It is typically associated with physical growth delays, characteristic facial features and mild to moderate intellectual disability. Down syndrome is one of the most common chromosome abnormalities in humans.

25. (C) The Basel II Accord was published initially in June 2004. Basel II is a set of international banking regulations put forth by the Basel Committee on Bank Supervision, which leveled the international regulation field with uniform rules and guidelines. Basel II provides guidelines for calculation of minimum regulatory capital ratios and confirms the definition of regulatory capital and 8% minimum coefficient for regulatory capital over risk-weighted assets. Basel II divides the eligible regulatory capital of a bank into three tiers.

26. (A) The Union Cabinet chaired by Prime Minister Shri Narendra Modi has approved a Memorandum of Understanding (MoU) with Canada for cooperation in the field of Science & Technology. The MoU will provide a mechanism and help to foster scientific cooperation between R&D and academic institutions of India and Canada. Under this MoU, the India-Canada Centre for Innovative Multidisciplinary Partnership to Accelerate Community Transformation and Sustainability (IC-IMPACTS) programme will be supported to promote India-Canada multidisciplinary research partnerships. The MoU was concluded in pursuance to the inter-Governmental Agreement for Scientific and Technological Cooperation between the India and Canada concluded in November 2005.

27. (B) Dimension of force = $[m^1 L^1 T^{-2}]$
Considering dimensional unit conversion formula i.e
 $n_1 [M_1^a L_1^b T_1^c] = n_2 [M_2^a L_2^b T_2^c]$

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$$\Rightarrow a = 1, b = 1 \text{ and } c = -2$$

Putting the value in the conversion formula

$$n_2 = n_1 (1\text{kg}/1\text{g})^1 \cdot (1\text{m}/1\text{cm})^1 (1\text{s}/1\text{s})^{-2}$$

$$= 1 \cdot (10^3/1\text{kg}) (10^2 \text{ cm}) = 10^5 \text{ dyne}$$

28. (D) Later Vedic age witnessed the composition of three later Veda Samhitas namely, the Samveda Samhita, the Yajurveda Samhita, the Atharvaveda Samhita as well as Brahmanas and the Upanishads of all the four Vedas and later on the two great epics-the Ramayana and the Mahabharata.
29. (B) The Bermuda Triangle, also known as the Devil's Triangle. The Bermuda Triangle lore includes such stories as that of Flight 19, a group of 5 U.S. torpedo bombers that vanished in the Triangle in 1945. A rescue plane sent to look for them also disappeared. Other stories include the mystery of USS Cyclops, resulting in the largest non-combat loss of life in U.S. Navy's history. The ship with a crew of 309 went missing in 1918. Even as recently as 2015, El Faro, a cargo ship with 33 on board vanished in the area. Altogether, as far as we know, 75 planes and hundreds of ships met their demise in the Bermuda Triangle.



30. (A) On 9 December 1946 the Assembly began its first session, with 208 members attending and its last session was held on 24 January 1950. On 26 January 1950 the constitution took effect and the Constituent Assembly became the Provisional Parliament of India.
31. (B) The correct hierarchical arrangement of taxonomic categories in ascending order is:
Species → Genus → Family → Order
Class → Phylum → Kingdom
32. (B) Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) or Rural Electricity

- Infrastructure and Household Electrification Scheme was launched in 2005 and is dedicated to provide electricity to all rural households. The Scheme is funded 90% by Central government and 10% by Rural Electrification Corporation (REC). This scheme is applicable for all rural households living below poverty line. Users can contact Gram Panchayat for further details related to the Scheme..
33. (C) Speed of sound in air is about 340 m/s, in (sea) water about 1500 m/s and in copper around 3800m/s.
34. (B) Hydrofluoric acid is a solution of hydrogen fluoride (HF) in water. Hydrofluoric acid (HF) solution shouldn't be stored in glass containers as it readily reacts with the silicates present in the glass to form hexafluorosilicic acid (H₂SiF₆).
36. (D) The Karakoram pass falls on the boundary of Indian state of Jammu and Kashmir and China .It also plays a major geographic role in the dispute between Pakistan and India over control of the Siachen Glacier area immediately to the west of the pass.
37. (C) Right to Information is An Act to provide for setting out the practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, the constitution of a Central Information Commission and State Information Commissions and for matters connected therewith or incidental thereto. Under the provisions of the Act, any citizen of India may request information from a "public authority" (a body of Government or "instrumentality of State") which is required to reply expeditiously or within thirty days.
38. (A)
- | | |
|-----------------|--------------|
| a. Plague | 1. Bacteria |
| b. Filaria | 2. Lymphnode |
| c. Encephalitis | 3. Brain |
| d. AIDS | 4. Virus |
39. (A) SEBI had setup an Advisory Committee on Derivatives headed by Prof. J. R Varma to inter alia review the


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- recommendation of Dr. L.C Gupta Committee in the present context. The Advisory Committee gave its recommendation in its report on "Development and Regulation of Derivative Markets in India".
40. (C) Amazon CEO Jeff Bezos became the world's richest person on October 27 as Amazon's shares jumped 13 percent, to close at \$1,100.95. He was also briefly the richest person in the world when the markets opened on July 27, 2017, according to Forbes
44. (A)
- | | |
|--|--------------------|
| Committee on the Rules of Procedure | : Rajendra Prasad |
| Steering Committee | : Rajendra Prasad |
| Finance and Staff Committee | : Rajendra Prasad |
| Ad hoc Committee on the National Flag | : Rajendra Prasad |
| Committee on the Constituent Assembly | : G.V.Mavalankar |
| Functions of the Committee States | : Jawaharlal Nehru |
| Advisory Committee on Fundamental Rights, Minorities and Tribal and Excluded Areas | : Vallabhbai Patel |
| Minorities Sub-Committee | : H.C. Mookherjee |
| Fundamental Rights Sub-Committee | : J.B. Kripalani |
| Union Powers Committee | : Jawaharlal Nehru |
| Union Constitution Committee | : Jawaharlal Nehru |
| Drafting Committee | : B.R. Ambedkar |
45. (D) The King Cobra snakes' diet is mainly composed of other snakes. The King Cobra snake prefers non-venomous snakes, however, it will also eat other venomous snakes including kraits and Indian Cobras.
46. (A) The International Development Association (IDA) is an international financial institution which offers concessional loans and grants to the world's poorest developing countries. The IDA is a member of the World Bank Group and is headquartered in Washington, D.C., United States. It was established in 1960.
47. (A) The World Hindi Day was first observed on 10 January 2006. It is in addition to present National Hindi Divas which is being observed annually on 14 September.
48. (A) When wire carrying d.c. current in the same direction are placed close to each other, the wire will attract each other.
52. (B)
- | | | |
|------------------|---|-------------|
| (A) Tuberculosis | - | BCG |
| (B) Malaria | - | Chloroquine |
| (C) Tetanus | - | ATS |
| (D) Vitamin B1 | - | Thiamine |
54. (A) The President of India, Shri Ram Nath Kovind inaugurate the 4th International Conference on Dharma-Dhamma at Rajgir. The Conference has been organised by Nalanda University in collaboration with the Centre for Study of Religion and Society, India Foundation, and the Ministry of External Affairs, Government of India, with an aim to provide an opportunity to academics and policy makers from India and abroad to share ideas and build collaboration for a better world.
55. (B) Uranium found in nature consists largely of two isotopes, U^{235} and U^{238} . Natural uranium contains 0.7% of the U^{235} isotope. The remaining 99.3% is mostly the U^{238} isotope which does not contribute directly to the fission process. Isotope separation is difficult because two isotopes of the same element have very nearly identical chemical properties, and can only be separated gradually using small mass differences. U^{235} is only 1.26% lighter than U^{238} .

56. (A) For the first time India discovered 152 million - years old fossil of Ichthyosaurus, an extinct marine reptile in the Kutch Region of Gujarat.
57. (C) The developmental and environmental objectives of Agenda 21 will require a substantial flow of new and additional financial resources to developing countries, in order to cover the incremental costs for the actions they have to undertake to deal with global environmental problems and to accelerate sustainable development.
58. (B) Bharatiya Janata Party (BJP) claimed that it has emerged as the world's largest party with a membership strength of 8.8 crores, surpassing the Communist Party of China which has 8.6 crore members.
59. (B) Researchers at the Indian Institute of Technology (IIT) Guwahati have successfully created an implantable bioartificial pancreas model grown within a 3D silk scaffold. The bioartificial pancreas, which encapsulates insulin-producing cells, is capable of naturally producing insulin in a sustained manner.
60. (D) Gujarat has topped among 22 states Punjab has acquired 2nd position followed by Andhra Pradesh, Karnataka and Maharashtra in the Logistics Ease Across Different States (LEADS) index released by Union Ministry of Commerce & Industry. The Logistics Ease Across Different States (LEADS) index, a composite indicator to assess international trade logistics across states and Union territories, is based on a stakeholders' survey conducted by Deloitte for the ministry of commerce and industry.
61. (B) The World Business Council for Sustainable Development announced that Mr Sunny Verghese, Co-Founder and Group Chief Executive Officer of Olam International, has been appointed as the new chairman of world Business Council for sustainable Development. WBCSD was created in 1995 with merger of Business Council for Sustainable Development and World Industry Council for the Environment and has offices in New York and New Delhi.
62. (A) In the 2017 rankings, there were 149 countries ranked, and Norway topped the list, followed by New Zealand and Finland. India has been ranked at the 100th position among 149 nations in the global prosperity index, showing a four-rank improvement from last year, according to 2017 Legatum Prosperity Index. The ranking is based on a variety of factors including wealth, economic growth, education, health, personal well-being, and quality of life.
63. (C) The Union Human Resource Development Minister Prakash Javadekar has announced that Paika rebellion (Paika Bidroha) of 1817 will be named as First War of Independence against British Rule as it took place four decades before the 1857 Sepoy Mutiny, which has so far been regarded as the first war of Indian Independence.
65. (C) Scientists have developed a super strong, flexible adhesive material inspired by the glue secreted by slugs that sticks to biological tissues - even when wet - without causing toxicity. Slugs naturally secrete a special kind of mucus (adhesive material) in its place when threatened, making it difficult for a predator to pry it off its surface.
66. (B) The three economic sectors (Primary, secondary and tertiary) can be further classified under the Public and Private sector. In the public sector the government owns most of the assets and provides all the services. In the private sector, ownership of assets and delivery of services is in the hands of private individuals or companies.
67. (A) ASBA (Applications Supported by Blocked Amount) is a process developed by the India's Stock Market Regulator SEBI for applying to IPO. In ASBA, an IPO applicant's account doesn't get debited until shares are allotted to them.
68. (A) National scheduled castes finance and Developments corporation has tied up with PNB Bank to provide financial Assistance to scheduled caste families living below double poverty line. A Memorandum of Agreement to this effect was signed by B.M.Padha, Corporate General Manager , Priority Sector & Financial Inclusion Division, PNB and Devanand, General Manager, NSFDC.

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| <p>73. (D) The liver plays a key role in digestion, as it produces and excretes bile (a yellowish liquid) required for emulsifying fats and help the absorption of vitamin K from the diet.</p> <p>75. (A) The Matunga suburban station on the Central Railway has now become the first such ladies special station, and for this contribution the name of this station added in Limca Book of Records.</p> <p>78. (C) A wetland is "an ecosystem that arises when inundation by water produces soils dominated by anaerobic processes, which, in turn, forces the biota, particularly rooted plants, to adapt to flooding." Fish are more dependent on wetland ecosystems than any other type of habitat. Frogs are used as an indicator of ecosystem health due to their thin skin which absorbs both nutrient and toxins. The wetland ecosystem attracts mammals due to its prominent seed and vegetation sources, abundant populations of invertebrates, small reptiles and amphibians.</p> <p>79. (C) The Protection of Women from Domestic Violence Act 2005 is an Act of the Parliament of India enacted to protect women from domestic violence. It was brought into force by the Indian government from 26 October 2006. The act does not extend to Jammu and Kashmir, which has its own laws, and which enacted in 2010 the Jammu and Kashmir Protection of Women from Domestic Violence Act, 2010.</p> | <p>81. (C) American Depository Receipts is a Certificate issued by a US bank for the common stock (ordinary shares) of a non-US corporation, held by the bank in a custodial-account.</p> <p>82. (B) Aanchal Thakur is an Indian female alpine skier. She represented India at the 2012 Winter Youth Olympics that took place in Innsbruck. In 2018, Aanchal Thakur created history after becoming the first Indian skier ever to claim a medal in the international skiing event. She won the bronze medal in the 2018 Alpine Ejder 3200 Cup which was held in Turkey and was organised by the Federation Internationale de Ski.</p> <p>88. (C) The UAE and Saudi Arabia will be the first countries in the Gulf Cooperation Council (GCC) to introduce Value Added Tax (VAT) from January 1, 2018. The rate for VAT is set at 5 per cent whereas excise tax will be 100 per cent on tobacco and energy drinks and 50 per cent on soft drinks excluding sparkling water</p> <p>91. (B) Iqta was an Islamic practice of tax farming that became common in Muslim Asia during the Buyid dynasty.</p> <p>96. (D) Because the specific gravity of the needle is greater than that of water displaced by it. Specific gravity (Or relative density)</p> $= \frac{\text{Density of the substance}}{\text{Density of water at } 4^{\circ}\text{C}}$ <p>The average density of iron needle is greater than water, therefore, its sinks.</p> <p>99. (C) Fulhar Lake situated in Pilibhit, district of Indian State Uttar Pradesh .</p> |
|---|--|