

UPSC Civil Services Prelims 2015 Answers and Explanations

1- c

Pradhan Mantri Jan-Dhan Yojana (PMJDY) is National Mission for Financial Inclusion to ensure access to financial services, namely, Banking/ Savings & Deposit Accounts, Remittance, Credit, Insurance, Pension in an affordable manner.

http://www.pmjdy.gov.in/scheme_detail.aspx

2- a

14th Finance Commission Recommendation:

The commission has recommended states' share in net proceeds of tax revenues be 42 per cent, a huge jump from the 32 per cent recommend by the 13th Finance Commission, the largest change ever in the percentage of devolution.

The FC has not made sector-specific recommendations.

http://www.business-standard.com/article/economy-policy/14th-finance-commission-recommendations-115022500066_1.html

<http://www.thehindu.com/business/recommendations-of-the-14th-finance-commission/article6929255.ece>

3- b

BRICS

4- b

The ratio of tax-to-GDP is often used as a measure of tax paid which can be compared across years. When tax revenues grow at a slower rate than the GDP of a country, the tax-to-GDP ratio drops. A decrease in tax to GDP ratio does not mean slowing economic growth rate.

Only 3% of the entire economy comes under formal taxable sector, thus the number, tax-to-GDP ratio deals with this percentage only. When the informal sector grows, the GDP grows but without an increase in the tax collected, this the tax-to-GDP ratio decreases. Even with the economy booming, there is a possibility of this ratio to decrease, so option 1 is wrong.

5- a

The tropical cyclones does not originate because, sea surface temperatures are low. For the origination of cyclones, warm water is needed to ensure a pressure difference occurs. This is where usually the ITCZ occurs, but option 2 should be removed because the occurrence of the ITCZ also depends on the sea-surface temperature.

6- d

Arunachal Pradesh and Gujarat

7- c

The Directive Principles of State Policy are guidelines/principles given to the central and state governments of India, to be kept in mind while framing laws and policies. These provisions are not enforceable by any court, but the principles laid down therein are considered fundamental in the governance of the country. They are guidelines for creating a social order characterized by social, economic, and political justice, liberty, equality, and fraternity as enunciated in the constitution's preamble.

[Lakshmikanth & DD Basu.](#)

8- b

Coal production (weight: 4.38 %)

Fertilizer production (weight: 1.25%)

Electricity generation (weight: 10.32%)

Steel production (weight: 6.68%)

http://www.eaindustry.nic.in/eight_core_infra/eight_infra.pdf

9-b

Keibul Lamjao (Manipur) is the world's only floating national park. The national park is characterized by many floating decomposed plant materials locally called phumdis.

10-a

National Innovation Foundation-India is an autonomous body of the Department of Science and Technology, Government of India, based on the Honey Bee Network philosophy, which provides institutional support to grassroots innovators and outstanding traditional knowledge holders from the unorganized sector of the society.

<http://www.nif.org.in/>

11-c

Nitrogen Fertilizers

<http://www.omafra.gov.on.ca/english/engineer/facts/05-073.htm>

12-b

IUCN is not part of UN

13- a

Fair and Remunerative Price (FRP) : is the existing arrangement for the price to be paid to sugarcane farmers by the Sugar Mills and is announced each year by the Centre, under the Sugarcane Control Order and on the advice of Commission for Agricultural Costs and Prices (CACP), as the minimum price of sugarcane. The Cabinet Committee on Economic Affairs (CCEA), chaired by the Prime Minister approves the Fair and Remunerative price.

http://www.erewise.com/current-affairs/fair-and-remunerative-price-frp_art515e9d889d329.html#.VdsP5vmqqko

<http://www.prindia.org/theprsblog/?tag=fair-and-remunerative-price>

14- b

The North and South Equatorial currents cause accumulation of water in the western parts which disturbs the surface level. This difference in the level makes the Counter Equatorial Current flow eastward.

[Principles of Geography - 1, Old NCERT of class 11. Pg no 164.](#)

15- a

Correct- Srisailem is one of the most important pilgrimage centers of Lord Shiva in India, and it's one of the twelve Jyotirlingas. Srisailem, also known as Sriparvata is situated in the Rishabgiri Hills on the banks of River Krishna in Kurnool district of Andhra Pradesh. Srisailem Dam built over River Krishna is

one of the largest dams in the state of Andhra Pradesh and the largest hydroelectric project in the state. The dam offers wonderful views of the surrounding Nallamala hills.

Wrong- Reason: Omkareshwar located in Madhya Pradesh, on the Mandhata hill on the banks of the Narmada is one of the 12 revered jyotirlinga shrines of Shiva. Satmala hills is in Andhra Pradesh.

Wrong –Reason: Pushkar is a town in the Ajmer district in the Indian state of Rajasthan. The Mahadeo Hills are a range of hills in Madhya Pradesh state of central India.

16- b

The Rowlatt committee was based on the recommendations of a Sedition Committee appointed in 1918 by the British Indian Government with Mr Justice Rowlatt, as its president. The purpose of the committee was to evaluate political terrorism in India, especially Bengal and Punjab, its impact, and the links with the German government and the Bolsheviks in Russia.

Demonstrations against the arrival of Simon Commission happened in 1928.

https://books.google.co.in/books?id=PJeKBAAQBAJ&pg=PA162&lpg=PA162&dq=rowlatt+satyagraha+gandhi+tried+to+use+home+rule+league&source=bl&ots=Lq2RToH_bi&sig=330v3mZMXv838c_iU0Ahyoxt2M&hl=en&sa=X&ved=0CCAQ6AEwAGoVChMI6Mrhp9i-xwIVS5COCh2TUwue#v=onepage&q=rowlatt%20satyagraha%20gandhi%20tried%20to%20use%20home%20rule%20league&f=false

17- b

Guinea, Sierra Leone and Liberia

<http://www.cdc.gov/vhf/ebola/outbreaks/2014-west-africa/>

18-a

Fly ash contains toxic elements like arsenic. First two statements are correct

19-c

Dugongs

It is not found along whole coastal lines. Only certain areas like

<http://timesofindia.indiatimes.com/home/environment/flora-fauna/Dugongs-on-brink-of-extinction-poaching-continues-in-India/articleshow/48037397.cms>

20-d

Dadabhai Naoroji , G. Subramaniya Iyer, Romesh Chandra Dutt.

<https://nagahistory.wordpress.com/2014/02/18/an-economic-critique-of-colonialism/>

21- d

Developing countries face a series of tough challenges in 2015, including the looming prospect of higher borrowing costs in a new era of low prices for oil and other key commodities. This will result in a fourth consecutive year of disappointing economic growth this year, says the World Bank Group's latest 2015 Global Economic Prospects report

<http://www.worldbank.org/en/publication/global-economic-prospects>

22- c

When RBI reduces SLR, scheduled Commercial Banks may cut their lending rates. As soon as the SLR is decreased, the banks get access to more liquid money amongst them. Now this extra money is loaned at a lower rate, thus ensuring a cut in the lending rates. A cut in SLR will increase the liquidity in banks so option 4 is wrong. It has nothing to do with drastic GDP increase not with FIIs bringing in more capital.

23- c

Both the statements are correct

<http://inbt.jhu.edu/2013/08/06/nanotechnology-for-gene-therapy/>

24- b

In India Agricultural products are regulated under Agricultural produce Market Committee Act enacted by States. Market committee is comprised of representatives from different sectors of society that is farmers, traders, government local bodies and co-operative. In general it is observed that market committee consists of 15 members 10 from farmers 3 from traders and 1 each from the State government and local bodies.

25- c

Gangetic Dolphin is the National Aquatic Animal of India. This mammal is also said to represent the purity of the holy Ganga as it can only survive in pure and fresh water

26- d

The Congress Socialist Party was founded (in 1934) by radical and young Congressmen who during their long terms of imprisonment in the Civil Disobedience Movement came into contact with Marxist ideas. Its members rejected what they saw as the anti-rational mysticism of Gandhiji as well as the sectarian attitude of the Communist Party of India towards the Congress Party. The CSP advocated decentralized socialism in which co-operatives, trade unions, independent farmers, and local authorities would hold a substantial share of the economic power. As secularists, they hoped to transcend communal divisions through class solidarity. Some, such as Narendra Deva or Basawon Singh (Sinha), advocated a democratic socialism distinct from both Marxism and reformist social democracy.

27- b

The Rajya sabha has no power either to reject or to amend a Money Bill and cannot vote on demand for grants. But RS can discuss the Annual Financial statement (Budget)

[Lakshmikanth & DD Basu.](#)

28- b

The Montagu-Chelmsford Reforms which became the Government of India Act in 1919 clearly defined the jurisdiction of the central and provincial governments.

http://www.historytuition.com/swaraj_to_complete_independence/montagu_chelmsford_reforms.html

29- c

Labour Bureau

<http://labourbureau.nic.in/indnum.htm>

30- d

IceCube

<https://icecube.wisc.edu/>

31- c

World Trade Organisation

32- c

Near field communication (NFC) is the set of protocols that enables electronic devices to establish radio communication with each other by touching the devices together or bringing them into proximity to a distance of typically 10cm or less. Hence statement 2 is incorrect

33- b

The Golan Heights, a rocky plateau in south-western Syria (Middle East). It borders Israel, Lebanon, and Jordan.

34- c

Freely permitting the conversion of rupee to other major currencies and vice versa

35- b

Durga – Jammu is the only correct answer. The others are wrongly matched.

36- d

Left Tributaries- Purna, Pranahita, Indravati, Sabari, Taliperu, Wainganga, Penganga, Wardha, Dudhana

Right Tributaries- - Pravara, Manjira, Pedda Vagu, Manair, Kinnerasani

37- a

In India, if a bill has been rejected by any house of the parliament and if more than six months have elapsed, the President may summon a joint session for purpose of passing the bill. The bill is passed by a simple majority of a joint sitting.

[Lakshmikanth & DD Basu.](#)

38-d

Andaman & Nicobar region has the entire mentioned characteristic

39- d

Avanti and Gandhara is not directly related to life of Buddha. Buddha wandered through the towns and villages in the kingdoms of Kosala and Magadha teaching his philosophy.

40-b

The Montreal Protocol on Substances that Deplete the Ozone Layer (a protocol to the Vienna Convention for the Protection of the Ozone Layer) is an international treaty designed to protect the ozone layer by phasing out the production of numerous substances that are responsible for ozone depletion.

https://en.wikipedia.org/wiki/Montreal_Protocol

41- c

Arc and Dome was not introduced by Babur. Gun powder and establishment of Timurid dynasty are related to him

<http://www.edwebproject.org/india/babur.html>

42- d

Niti Ayog has replaced Planning Commission to provide a critical directional and strategic input into the development process.

43- a

"Rio+20" is the short name for the United Nations Conference on Sustainable Development which took place in Rio de Janeiro, Brazil in June 2012 – twenty years after the landmark 1992 Earth Summit in Rio.

At the Rio+20 Conference, world leaders, along with thousands of participants from the private sector, NGOs and other groups, came together to shape how we can reduce poverty, advance social equity and ensure environmental protection on an ever more crowded planet.

The official discussions focussed on two main themes: how to build a green economy to achieve sustainable development and lift people out of poverty; and how to improve international coordination for sustainable development.

<http://www.un.org/en/sustainablefuture/about.shtml>

44- d

The executive power of Union of India is vested in the President and not the Prime Minister. The Cabinet Secretariat is under the direct charge of the Prime Minister. The administrative head of the Secretariat is the Cabinet Secretary who is also the ex-officio Chairman of the Civil Services Board.

Lakshmikanth & DD Basu.

<http://knowindia.gov.in/knowindia/profile.php?id=31>

45- c

Astronomers had announced that they have found eight new planets in the "Goldilocks" zone of their stars, orbiting at a distance where liquid water can exist on the planet's surface. This doubles the number of small planets (less than twice the diameter of Earth) believed to be in the habitable zone of their parent stars. Among these eight, the team identified two that are the most similar to Earth of any known exoplanets to date.

Though galactic habitable zone (Goldilocks) refers to the habitable zone, it was in news in the context of search for earth like planets (ex: Kepler-438b and Kepler-442b) in outer space.

<http://phys.org/news/2015-01-planets-goldilocks-zone.html#jCp>

46- b

C. Rajagopalachari

<https://books.google.co.in/books?id=ZELmNAkC8R0C&pg=PA172&lpg=PA172&dq=tanjore+coast+to+break+the+salt+law+in+1930&source=bl&ots=q33KzTBM52&sig=S03AVkl7u4bDmcq7RvOUJcZEvJ8&hl=en&sa=X&ved=0CEIQ6AEwB2oVChMIyamFjIDCxlVyz0aCh1kqQl2#v=onepage&q=tanjore%20coast%20to%20break%20the%20salt%20law%20in%201930&f=false>

47- c

City on South Bank of Krishna River

48- b

Annie Besant was first woman president of Indian national congress. She presided over the 1917 Calcutta session of the Indian National Congress.

Badruddin Tyabji was the first Muslim president of INC- in 1887 INC Session, Madras.

49- a

Green Climate Fund is found under UNFCCC

http://unfccc.int/cooperation_and_support/financial_mechanism/green_climate_fund/items/5869.php

50- c

Forty years of pioneering work culminating in the successful launch of India's first Mars orbiter this September has won the Indian Space Research Organisation the Indira Gandhi Prize for Peace, Disarmament and Development for 2014.

<http://www.thehindu.com/news/national/isro-chosen-for-indira-gandhi-prize-for-peace-disarmament/article6614424.ece>

51- a

According to the proposals of the Cabinet Mission announced in May, 1946, the country could have a Federal government consisting of the British and the Indian India. The Federation was naturally to look after the national and international problems like the Defense and communication, the foreign affairs and the international trade while the provinces were to enjoy complete autonomy in Provincial subjects like police, agriculture, industries, educational and many other local problems.

The plan did not include the enlargement of the powers of the Indian Court nor provided for more Indians in the ICS.

<http://www.importantindia.com/16811/cabinet-mission-1946/>

52- d

The park is located in Changlang district of the Northeastern state of Arunachal Pradesh, near its border with Myanmar. The geography of the park is largely mountainous, falls under the Pale-arctic and Indo-Malayan bio-geographic areas resulting in a diverse species assemblage. The habitat changes with increasing altitude from tropical moist forests to Montane forests, temperate forests and at the higher elevations, to Alpine meadows and perennial snow.

https://en.wikipedia.org/wiki/Namdapha_National_Park

<http://kaziranga.co.uk/nearby-kaziranga/namdapha-national-park.html>

53- b

Amnesty International is a global movement of more than 7 million people who take injustice personally. It is a campaign for a world where human rights are enjoyed by all.

<https://www.amnesty.org/en/who-we-are/>

54- b

Rock cut elephant dhauri

55 – d

Feudal System

56- d

BioCarbon Fund Initiative is of WORLD BANK

57- b

India is a member of East Asia Summit. But not a member of APEC, ASEAN

58- c

India's coal industry does not produce good quality coking coal, thus for the steel production demands India imports coking coal, whereas saltpetre and rock phosphates are abundantly available in the country.

http://www.business-standard.com/article/economy-policy/coking-coal-imports-decline-29-6-in-december-at-indian-ports-115011300897_1.html

59- a

The Fifth Schedule to the Constitution of India contains provisions concerning the administration and control of Scheduled Areas and Scheduled Tribes. The Sixth Schedule to the Constitution of India contains provisions concerning the administration of tribal areas in the States of Assam, Meghalaya, Tripura and Mizoram

[Lakshmikanth & DD Basu & wikipedia](#)

60- c

The Budget Division is responsible for the preparation and submission to Parliament of the Central Government's Budget other than Railways, as well as the supplementary Demands for Grants and Demands for Excess Grants.

Only 2nd Statement is correct. Consolidated Fund of India - All the legally authorised payments on behalf of the Government of India are made out of this fund. No money out of this fund can be appropriated (issued or drawn) except in accordance with a parliamentary law.

Public Account of India - this account is operated by executive action, that is, the payments from this account can be made without parliamentary appropriation. Such payments are mostly in the nature of banking transactions.

Lakshmikanth & DD Basu

http://finmin.nic.in/the_ministry/dept_eco_affairs/budget/Major%20Functions.asp

61- d

The Supreme Court is the custodian of Indian Constitution and exercises the power of Judicial Review over the acts of legislature the executive.

Lakshmikanth & DD Basu

62- b

Accelerated Irrigation Benefits Programme

<http://bhuvan3.nrsc.gov.in/applications/aibp/aibphome/aibp.html>

63- c

The Genetic Engineering Appraisal Committee (GEAC) is the apex body constituted in the Ministry of Environment and Forests under 'Rules for Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms/Genetically Engineered Organisms or Cells 1989', under the Environment Protection Act, 1986.

<http://envfor.nic.in/major-initiatives/geac-clearances>

64- c

Participants of Mekong-Ganga Cooperation initiative Cambodia, Lao, Myanmar, Vietnam and Thailand

<http://www.thehindu.com/todays-paper/tp-in-school/india-to-host-sixth-mekongganga-cooperation-meeting/article3852491.ece>

65- b

Basel III or Basel 3 released in December, 2010 is the third in the series of Basel Accords. These accords deal with risk management aspects for the banking sector. Basel III is a global, voluntary regulatory framework on bank capital adequacy, stress testing and market liquidity risk.

<http://www.allbankingsolutions.com/banking-tutor/basel-iii-accord-basel-3-norms.shtml>

66- b

First statement is wrong.

67 -d

The Indian Ocean Rim Association (IORA), formerly known as the Indian Ocean Rim Initiative and Indian Ocean Rim Association for Regional Cooperation (IOR-ARC), is an international organisation consisting of coastal states bordering the Indian Ocean.

The objectives of IORA are as follows:

- To promote sustainable growth and balanced development of the region and member states
- To focus on those areas of economic cooperation which provide maximum opportunities for development, shared interest and mutual benefits
- To promote liberalisation, remove impediments and lower barriers towards a freer and enhanced flow of goods, services, investment, and technology within the Indian Ocean rim.

https://en.wikipedia.org/wiki/Indian-Ocean_Rim_Association

<http://www.iora.net/>

68-a

Swadeshi Movement had its genesis in the antipartition movement which was started to oppose the British decision to partition Bengal. The formal proclamation of the Swadeshi movement was made on August 7, 1905

Difference between Moderates and Extremists over Swadeshi and Boycott : The Extremists wanted to extend Swadeshi and Boycott movement from Bengal to the rest of the country. They also wanted to extend the boycott to every form of association with the Government. The Moderates, on the other hand, wanted to confine the boycott movement to Bengal and there who limit it to the boycott of foreign goods.

<http://www.facts-about-india.com/the-swadeshi-movement.php>

69-a

<http://www.bbc.com/travel/story/20150218-indias-amazing-living-root-bridges>

www.iasbaba.com

70-d

All of the above cause Tides

71-a

First three are the applications of IRS

<http://bhuvan.nrsc.gov.in/bhuvan/content/indian-remote-sensing-satellites-earth-observation-india-high-resolution-satellite-data>

72-c

In India, evergreen forests are found on the eastern and western slopes of the Western Ghats in such states as Tamil Nadu, Karnataka, Kerala and Maharashtra. And also found in Assam, Arunachal Pradesh, Meghalaya, Mizoram, Nagaland, Tripura, West Bengal and Andaman and Nicobar Islands. They are also found in the hills of Jaintia and Khasi.

Areas over 250 cm of rainfall - Arunachal Pradesh and Mizoram

Tropical wet evergreen forests are met usually in southern and western part of Mizoram.

<http://www.forest.mizoram.gov.in/page/forest-types.html>

73-d

The deployment of IndARC, the country's first underwater moored observatory in the Kongsfjorden fjord, half way between Norway and the North Pole, represents a major milestone in India's scientific endeavours in the Arctic region

<http://www.thehindu.com/sci-tech/energy-and-environment/indias-arctic-observatory-to-aid-climate-change-studies/article6405727.ece>

74- c

<http://www.bankinformationcenter.org/issues/forests/fcpf/>

AS per website, the fund is given to countries and no where it is mentioned that it is given to universities or scientists doing research in this field. Rest UPSC will decide

75-a

Odia in 2014 became the sixth language of the country to get “classical language” status after the Union Cabinet conceded a long-pending demand for putting it in the same league as Sanskrit, Tamil, Telugu, Kannada and Malayalam.

Odia is billed as the first language from the Indo-Aryan linguistic group and the case for making it a classical language was also premised on the fact that it has no resemblance to Hindi, Sanskrit, Bengali and Telugu.

<http://www.thehindu.com/news/national/odia-gets-classical-language-status/article5709028.ece>

76-c

Bird International is originated from Hot spot concept developed by Meyer way before BI came into existence. So it might be wrong statement

77-b

Jordan

78- a

Teak trees are the most dominant species of trees found in Tropical moist deciduous forest.

<http://gradestack.com/CBSE-Class-9th-Complete/Natural-Vegetation-and/Tropical-Deciduous/14914-2954-3281-study-wtw>

79- c

The Beijing Declaration and Platform for Action, the most progressive blueprint ever for advancing women’s rights

<http://beijing20.unwomen.org/en/about>

80- b

Day and night are both around 12 hours and the annual temperature range is small, as low as 3 C. Mean monthly temperatures are 26 - 28 C. The diurnal range is greater than the annual range. Night time temperatures may fall to 18 C whereas daytime temperatures may reach 35 C. With high humidity and constant temperatures this may be oppressive.

The constant uplift of warm, unstable air is caused by the convergence of tropical air masses in these latitudes and results in low pressure throughout the year.

Many equatorial regions are affected by the ITCZ. As the ITCZ passes over these areas it brings heavy rainfall and thunderstorms. The converging, ascending air spawns convectional thunderstorm activity with much of the rainfall occurring in late afternoon or early evening when the atmosphere is most susceptible to thunderstorms.

<http://www.geographylwc.org.uk/A/A2/A2climchange/eqclim.html>

<http://www.britannica.com/science/wet-equatorial-climate>

81-b

GDP

82- d

Unlike the members of the legislative assembly, the members of the legislative council are indirectly elected. The maximum strength of the council is fixed at one-third of the total strength of the assembly and the minimum strength is fixed at 40. It means that the size of the council depends on the size of the assembly of the concerned state. Though the Constitution has fixed the maximum and the minimum limits, the actual strength of a Council is fixed by Parliament.

The Chairman is elected by the council itself from amongst its members and not by the Governor.

[Lakshmikanth & DD Basu](#)

83- d

To uphold and protect the sovereignty, unity and integrity of India is a Fundamental Duty of citizen of India.

84- c

An ecosystem is a community of living organisms in conjunction with the nonliving components of their environment (things like air, water and mineral soil), interacting as a system. These biotic and abiotic components are regarded as linked together through nutrient cycles and energy flows. As ecosystems are defined by the network of interactions among organisms, and between organisms and their environment,

85- c

The main objective of Panchayati Raj system was to ensure People's participation in development and Democratic decentralisation

Lakshmikanth & DD Basu

86- c

Components of Monetary policy- Open Market Operations, Cash Reserve Ratio, Statutory Liquidity Ratio, Bank Rate, Repo Rate and Reverse Repo Rate.

http://simplifiedfinance.net/home/index.php?option=com_content&view=article&id=212:monetary-policy-simplified-and-analysed&catid=36:articles&Itemid=72

87- c

Controlling inflation is a joint effort of both the Government and RBI. Hence 1st & 2nd Statement are wrong. 3rd Statement is right- decreased money circulation helps in controlling the inflation.

Inflation is when the economy grows due to increased spending. When this happens, prices rise and the currency within the economy is worth less than it was before. This basically means that the currency won't buy as much as it would before. When a currency is worth less, its exchange rate decreases when compared to other currencies.

There are many methods used to control inflation. One popular method of controlling inflation is through contractionary monetary policy. The goal of a contractionary policy is to reduce the money supply within an economy by decreasing bond prices and increasing interest rates. This helps reduce spending because when there is less money to go around, those who have money want to keep it and save it, instead of spending it. It also means less available credit, which also reduces spending. Reducing spending is important during inflation because it helps halt economic growth and, in turn, the rate of inflation.

<http://www.investopedia.com/ask/answers/111314/what-methods-can-government-use-control-inflation.asp>

<http://www.yourarticlelibrary.com/macro-economics/inflation-macro-economics/controlling-inflation-3-important-measures-to-control-inflation/31093/>

88- a

The **Non-Proliferation Treaty** or **NPT**, is an international treaty whose objective is to prevent the spread of nuclear weapons and weapons technology, to promote cooperation in the peaceful uses of nuclear energy, and to further the goal of achieving nuclear disarmament and general and complete disarmament.

NPT-designated nuclear weapon states (China, France, Russia, United Kingdom, United States

Four UN member states have never joined the NPT: India, Israel, Pakistan and South Sudan.

https://en.wikipedia.org/wiki/List_of_states_with_nuclear_weapons

89- b

Welfare State

The directive principles ensure that the State shall strive to promote the welfare of the people by promoting a social order in which social, economic and political justice is informed in all institutions of life.

[Lakshmikanth & DD Basu](#)

90- b

Substitution of Steel for Wooden ploughs

91- d

Parliament System of Government

Collective Responsibility - this is the bedrock principle of parliamentary government. The ministers are collectively responsible to the Parliament in general and to the Lok Sabha in particular (Article 75).

[Lakshmikanth & DD Basu](#)

92-d

Swine flu

<http://www.webmd.com/cold-and-flu/flu-guide/h1n1-flu-virus-swine-flu>

93 – d

Bio-Toilets

Its bacterial Inoculum and end products are biogas and water

94- c

Dollars and other hard currency

95-a

Fuel Cell

AC cannot be produced right away from Fuel Cells. So option 3 is incorrect. Hence answer is only 1 by elimination. Also, it can be used for small devices.

96- a

Kalamkari is an ancient Indian art that originated about 3000 years ago. It derives its name from Kalam meaning Pen, and Kari meaning work, literally Pen-work. These paintings were earlier drawn on cotton fabric only, but now we can see these paintings on silk and other materials as well. The Kalamkari art includes both, printing and painting. In ancient India, the art of painting using organic colors and dyes was very popular, but this style of painting originated at Kalahasti (80 miles north of Chennai) and at Masulipatnam (200 miles east of Hyderabad). The paintings then used to depict Hindu Deities and the scenes from Hindu mythology.

<http://www.indiamarks.com/kalamkari-the-ancient-indian-art-organic-fabric-painting/#>

<https://en.wikipedia.org/wiki/Kalamkari>

97-b

Seed Village Concept

http://agritech.tnau.ac.in/seed_certification/seed_tech_Seed%20Village.html

98-a

Reduction of Deficit

99-c

Geographical Indication

100-c

<http://www.ireda.gov.in/>

www.iasbaba.com