Date: 24/02/2020

Duration : 2 hr

.

CIVIL SERVICES PRELIMINARY EXAM



# VAJIRAO & REDDY INSTITUTE

India's Top Potential Training Institute for IAS

D

Test Booklet Code: 194 Test Booklet No: 360606 Total Ques: 100

1 C
Ex.

2 A
Ex.

3 B
Ex.

4 C
Ex.

5 C
Ex.

6 C
Ex.

7 B
Ex.

8 D
Ex.

9 D
Ex.

10 A
Ex.

11 C
Ex.

12 C
Ex.

13 C
Ex.

14 D
Ex.

15 A
Ex.

16 D
Ex.

17 C
Ex.

18 B
Ex.

19 B
Ex.

20 A
Ex.

21 D
Ex.

22 A
Ex.

23 A
Ex.

24 C
Ex.

25 D
Ex.

26 D
Ex.

27 A
Ex.

28 C
Ex.

29 A
Ex. * While Mutiny of 1859 by the European troops took place during Viceroy Lord Canning.
* With the Queen's Proclamation of 1858, India's administration was handed over to the British Crown. But the transfer of power meant that the Soldiers of the three Presidency Armies would nwo require making over their allegiance to the Queen (British Crown) and the Royal Army. This led to resentment among the European troops as while serving the East India Company (EIC), they used to receive 'batta' (Extra allowance) to cover the various expenditures relating to the oeprations outside their home territories but after shifting their allegiance to British Army, they did not get any extra payment. Also the officers of British Army were senior in age to those of the same rank in the EIC unit.

30 A
Ex.

31 C
Ex.

32 C
Ex.

33 B
Ex.

34 B
Ex.

35 D
Ex.

36 C
Ex.

37 C
Ex.

38 C
Ex.

39 C
Ex.

40 D
Ex. Statement 1 is correct : Kinship was the basis of social structure and a man was identified by the clan to which he belonged. People gave their primary loyalty to the tribe, which was called jana.
Statement 2 is not correct : Women could attend assemblies and offer sacrifices along with their husbands. There are instances of five women who composed hymns although the later texts mention 20 such women.
Statement 3 is correct : Slaves were given as gifts to the priests. They were mainly women slaves employed for domestic purposes.

41 B
Ex.

VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE

42 B
Ex.

43 D
Ex.

44 C
Ex.

45 B
Ex.

46 C
Ex.

47 C
Ex.

48 B
Ex.

49 D
Ex.

50 D
Ex.

51 D
Ex. Anthracite contains 80-90% carbon. It is the type of coal which contains higher percentage of carbon. Bituminous coal has 70-90% carbon and Lignite/Brown coal contain 45-75% carbon.

52 A
Ex. The growth of pigmented dinoflagellates causes red colour to water. So these blooms are called Red tides. Algal bloom may also deplete oxygen in the waters and many release toxins that may be harmful to humans and other marine animals.

53 C
Ex. The correct sequence is Tropo-Strato- Meso-Ionospheres.
Troposphere extends upto 8-18 km, after that, Stratosphere upto 50 km, after that Mesosphere extends upto 80km and beyond that, upto 400km Ionosphere exists.

54 C
Ex. Asteroids are rocky debris of varying sizes from smaller to as large as 1000km. But the orbit of asteroids (tier orbit) lies between diameter of the Mars and Jupiter, but not between Jupiter and Saturn. So, 1 and 2 are correct but not 3.

55 B
Ex. During the flight Delhi to Tokyo, the sequence of airports is - Bangkok (Thailand), Hanoi (Vietnam), Hongkong, Taipei (Taiwan).

56 B
Ex. The third dimension is shown by series of lines called isopolaths which connect points of equal value. Daily weather map showing isobars i.e. places having equal pressures is an example of Isopleth map.

57 C
Ex. The most relevant condition for the presence of life on Mars is occurrence of ice caps and frozen water. Because the same situations, on the Earth also, are supposed to support the primitive forms oflife.

58 A
Ex. 5:30 = 6:30 hrs.
Mean Time. So if its noon at the International Date Line (Greenwich line) then IST is 12:00 + 5:30 = 17:30 hrs.
If the Earth's direction of rotation is reversed, the IST will behind Greenwich Mean Time. So if its noon at the International Date Line then IST will be 12:00-

59 B
Ex. Due to the Monsoon drift, ocean current in the Indian ocean becomes Eastward and Westward in June and November respectively. It is affected by wind circulation. In summers North Equatorial ocean currents disappear and South West monsoon current are developed. Indian counter current also disappears in North Indian ocean due to monsoon drift.

60 A
Ex. These areas near equator are called Tropical Rain Forest regions. Here, generally the type of rainfall is conventional rainfall, because of constant high temepraure and high humidity produces rainfall almost daily in the afternoon throughout the year.

61 D
Ex. In the lower part of the Thermosphere region between 100 to 400 km, ionisation of atmospheric gases takes place. This layer is called Ionosphere. There is a peak concentration of ionised particles at 250km, that is why this layer deflects radio waves.

62 A
Ex. Antarctica (approx. 2300 mtr.) has highest mean elevation. It is located in South pole region. Its Eastern side is more elevated than the Western side. Australia (approx. 300 mtr.) has the lowest average height above sea level.

63 A
Ex.

64 B
Ex. The Prime Minister(PM) of India shri Narendra Modi paid a two-day official visit to Kolkata, West Bengal from January 11-12, 2020. Shri Modi renamed Kolkata Port as Shyama Prasad Mukherjee Port on the occasion of sesquicentenary (150th year) celebrations of the Kolkata Port Trust (KoPT).

65 B
Ex. On January 11, 2020 Union Minister for Women and Child Development and Textiles, Smriti Zubin Irani launched Yashaswini scheme for Women entrepreneurship at Dr Shyama Prasad Mukherjee stadium in Taleigao town near Panaji district of Goa. Swasthya Sakhi Project and breast cancer screening initiative were also inaugurated on the occasion.

66 A
Ex. The central govt has promulgated ordinance for amendment in the Mines and Minerals (Development and Regulation) Act 1957 (MMDR act 1957) and The Coal Mines (special provisions) act, 2015 (CMSP act 2015) in order to ease new areas of growth in the coal & mining sector. The govt has targeted to produce one billion tonnes of coal by 2023-24. It also aims to produce 660 million tonnes of coal by 2019-20.

INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITU

67 D

Ex. The CCEA has given its approval to extend the already existing Productivity Linked Reward (PLR) Scheme beyond 2017-18. The extension will be made applicable until any changes/ amendments made in the scheme. Scheme benefits: PLR scheme boosts industrial relationship and the work atmosphere in the Port Sector, apart from generating productivity.

68 D

Ex. On January 26, 2020, as per Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) scheme's financial statement, the govt is on the verge of running out of funds for the MGNREGA scheme. It has been announced that more than 96% of the allocated money to the fund has been spent and is still needed to pay the pending dues. Less than Rs. 2500 crore is left to sustain the scheme for the next two months.

69 C

Ex. On January 29, 2020, National Payments Corporation of India (NPCI), an umbrella organisation for operating retail payments and settlement systems, has approved part of the banks request to remove interchange fees on Unified Payments Interface (UPI) and RuPay card transactions as long as the merchant discount rate (MDR) remains zero. In contrast, it still reviewing other fees like payments service provider (PSP) fee and switching fees as it is concerned that the decision will obstruct its revenues and PSPs like PhonePe & Google-Pay.

70 D

Ex. 'Women with Wheels' cab service was started at Indira Gandhi International Airport (IGIA), New Delhi. The service was initiated by 'Sakha cabs' for the safety of women.The taxis are operated by women drivers and the services are provided only to women or men with family.The cab had been installed with GPS(Global Positioning System) and panic button to help the women drivers & women passengers.Sakha Consulting wings also provide women cab service in Indore, Jaipur and Kolkata.

71 C

Ex. On January 18, 2020, United Nations (UN), has revised the India's GDP (Gross Domestic Product) growth forecast for the year 2019-20 to 5%.

72 A

Ex. On January 15, 2020 India's central bank i.e., the Reserve Bank of India (RBI) has been ranked 6th largest buyer of sovereign gold abroad after it purchased 25.2 tonnes in the first 10 months of 2019 according to World Gold Council(WGC) report titled "Outlook 2020: Global economic trends and their impact on gold". The central banks of China, Russia, Kazakhstan, Turkey and Poland have purchased more gold than India in 2019.

73 B

Ex. On January 15, 2020 India's central bank i.e., the Reserve Bank of India (RBI) has been ranked 6th largest buyer of sovereign gold abroad after it purchased 25.2 tonnes in the first 10 months of 2019 according to World Gold Council(WGC) report titled "Outlook 2020: Global economic trends and their impact on gold".

74 B

Ex. On January 15,2020 Magh Bihu, an auspicious harvest festival is being celebrated in Assam. Magh Bihu falls in the local month of 'Magh' during mid-january. It is also called 'Bhogali Bihu' or 'Maghor Bihu' as it is celebrated with community feasts after the annual harvest takes place. The night before 'Magh Bihu' is called 'Uruka' meaning the night of feasts.The villagers make bamboo huts called 'Bhelghor' or community kitchen where they begin with the preparations for the festival.

75 A

Ex. On January 7, 2020, The President of India, Shri Ram Nath Kovind, who was on a first ever 2-day State Visit to the Union Territory of Lakshadweep, has laid the foundation stone for Lakshadweep's 1st Super Specialty Hospital at Kavaratti.

76 C

Ex. On January 15, 2020, According to the Ministry of Home Affairs (MHA), the central government, for the 1st time, will collect data on households headed by a transgender and members living in the family for census 2021. Previously, the choice of the head of the household was gender - male or female. The Census 2021 is to ask 31 questions to the citizens. For the first time of Indian history, the following are to be included The information about households run by transgender is to be collected. Under the question of sex of household head, male, female and transgender is to be collected. The Census 2021 is to be conducted through mobile phone application Inquiry about main cereal consumed Earlier it was announced that the census for the first time will collect data on OBC. However, this has not been included. Rather there is provision of SC/ST in the census.

77 B

Ex. On January 17, 2020 the Union Minister of Law and Justice (MoL&J) Shri Ravi Shankar Prasad inaugurated the Centre of Excellence (CoE) in Blockchain Technology set up in Bengaluru, Karnataka. The CoE has been set up with the aim of providing blockchain as a service and help all stakeholders to benefit from shared learning, experiences and resources.

78 C

Ex. ICICI (Industrial Credit and Investment Corporation of India) Bank, an Indian financial institution, has launched first-of-its-kind 24×7 self-service delivery tool for customers called "iBox" at one of its branches in Mumbai, Maharashtra.Under this facility, customers will now be able to take their debit, credit card, check book and return check from the branch close to their home or office.The iBox terminals are installed outside the premises of the bank's branches, which can be used even after the bank closes.

79 D

Ex. NagobaJatara is a festival which is prominently celebrated in Keslapur village, Indervelly Mandal, Adilabad district of Telangana. It is also the 2nd biggest tribal carnival and is celebrated by Mesaram clan of Gond tribes for nearly a month.

INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITU

**80** A

**Ex.** Indian Railways undertook the Radio-frequency identification (RFID) project which aims for automatic identification & data collection of rolling stock with focus on improving the safety and reliability. Two works for the RFID project have been sanctioned by the Railway board worth Rs.112.96 Crores where coaches and wagons are to be RFID-tagged. It has features of Real time visibility of railway wagons through the National Rail Network(NRN) with the help of RFID technology.

**81** C

**Ex.**

**82** A

**Ex.**

**83** D

**Ex.**

**84** D

**Ex.**

**85** C

**Ex.**

**86** C

**Ex.**

**87** D

**Ex.**

**88** D

**Ex.**

**89** C

**Ex.**

**90** A

**Ex.**

**91** B

**Ex.** Currency crisis refers to decline in value of a counry's currency. The decline in value creates instabilities in exchange rates.
The foreign exchange earnings and remittances arrest downfall of currency and will bring foreign currency. This will contribute in reducing the risk of a currency crisis. Increasing the government expenditure will not reduce the risk of currency crisis.

**92** A

**Ex.** Sand is a minor minerals as defined under Mines and Minerals Development and Regulation Act, 1957 (MMDR Act). This act empowers State Government to make rules for regulating the grant of mineral concessions in respect of minor minerals. Also, it empowers State Government to frame rules to prevent illegal mining, transporation and storage of minerals.

**93** A

**Ex.**

**94** D

**Ex.** The reason for occurrence of multi-drug resistance in microbial pathogen in India are : taking incorrect doses of antibiotics to cure disease, use of antibiotics in livestock farming and multiple chronic diseases in some people. this occurs due to evolution of strain of pathogen which aremulti-drug resistant.

INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE VAJIRAO INSTITUTE

**95** D

**Ex.** altered any more.
an electronic document. It ensure that the original content is unchanged. It identifies the certifying authority issuing it. It is also used to serve as a proof of identity of an individual to access information on internet.
It is a process that guarantees that the contents of a message have not been altered in transit. Once a digital signature has been placed the document can not be

**96** B

**Ex.**

**97** D

**Ex.** Methane hydrate, hydromethane, metahne ice or fire ice is a solid compound containing large amounts of methane or natural gas. It occurs in Arctic Tundra region and seafloor. In addition, deep fresh water lakes may also host gas hydrates. The metahne hydrates are sensitive to warming and warming of the atmosphere releases a large amount of the deposits of methane hydrate. Methane is a potent greenhouse gas which converts into $CO_2$ and water in the presence of oxygen. Thus, it can trigger global warming when it gets released from deposits.

**98** D

**Ex.**

**99** A

**Ex.** The Indira Gandhi Government started the process of nationalisation of coal mines in the year 1971. The nationalisation was complete in teh year of 1973, with the enactment of Coal Mines (Nationalisation) Act, 1973.
This Act was repealed by the Narendra Modi Government in 2018, which allowed the private firms to enter commercial mining industry. Now coal allocation is done on the basis of bidding process. India imports coal to meet its domestic energy demands and it has not yet become self-sufficient in production of coal.

**100** D

**Ex.** Agricultural soils release harmful gases like methane and nitrous oxide. These emissions are due to the natural biochemical process in the nitrogen cycle. Further application of nitrogen based fertilisers adds to the process of conversion of nitrogen to nitrous oxide. The main sources of ammonia in the environment include decaying organic matter and excreta of humans and animals (cattles).
The poultry industry is responsible for the excretion of reactive nitrogen compounds in the environment.