

## IAS TOPPER'S TEST COPY

## ANNA SINHA AIR 208 CSE 2023

## **GS PAPER III**





108-TEST PAPERIL प्रहम की संस्था Care Enter number QUESTIONS. Recently gert has decided to cetup a bad 01. Bank (Budget 2020-21) to deal with 100 enert Twin balance cheet insis, given nice on NAR Jon wonsered by pandemic Legar with NPAS, Bad assets entiming Bad Bark 6 Bad Bente Resolution == Liquidity in Most. the economy Advantages 1. Eases NPA proklem (in chort tem) by overtaking bad loans 2. Raises hquidily by allowing banks to L By specialist create fresh loans 3. Better management of NPAS by concentration them in a central hand 4. Eases balance shelt serve as quick resolution toporte parent him Plus Pramesh eLib www.piuspramesh.vr frees up some Call 07967211847 git can

जम्मीदवारों को इस हाशिए न को संख्या में नहीं लिखना चाहिम Candidates must not write on this margin Not a panacea er number uestions 1. Total supply of NPA remains same only change of ownership -2. Spesn't deal with corporate fraud -> if it continues, NPAs use continue 3. may worsen chois by uncentrating all 91 niskue in one entity Cor Benten Experience grobally not encouraing finites effective norme for corporate governme, + No de Shirt reporting framework are institled in lesse in long mun hood underitandin ease in long num. but pro Plus Pramesh el w.pluspramesh Call: 0798721184

महल की राजाता प्रमाधनी को इन समित चीरिश्य ( will filtere to face Ember member Produces must of questions the on this many Drone management & licensing policy has 62. long been released by govt, however the Jammu attack reveals severe loopholes Need for ketter ment 1. Lax implementation of law is an issue - openly souted in case of medding photoprophy etc 2. Lack of anti-drone shields in usage As prouvement has been slow (ex Russian 5400) A10 3. No specific interior to manage weaponised lone arones - only untrandrones considered ito reed with Lid anecessary classifications based on betypuejent has only made it complex to administer the rules Phes Pramesh eLib www.pluspratmosh.in Clair 07987211847

जम्मीदवारों को इस खरिए प्रहन की संख्या 5. Vulnerable nature of technology - any में नहीं लिखना चाहिए दीजिए Candidates must not write on this margin Enter number of questions such tech in wrong hands can be misused without much ado men easy to fit a bomb on a drone 6. No clauses to deal with tracability thease hoad, drones drop-objects and escape But ano have Amporthe more stringency is needed in framing have possibles, keeping in micot potential bir domes address to bly weaponised. refeguérables weaponsed. mapping and ain traffic mapping and Control management Better wir Ipace in gules-Plus Pramesh eLib www.pluspramesh.in Call 07987211847

ग्रमन की संसदा THICKNE # 10 100 र्त्त देविया Rolphies many a Einher marrilung of ouestions India spends as much as 14-R. of its GAP 03. 0 on legistics wets are to legistics Performance you Index (word Bark). This similarity reduces olvoka competence c educe other Packajing Logistics losts (challenges) 1. Lack of infrashuture - low permeability of roads, multi modal terminals 2. No economies yscale in sector due to large number of email fins 3. Lack of human resources trained in logistics Plus Prainesh eL.b. en phispremeth in Call 07987217847

diversite 4. Banés to inter-state movie. due 40 diference permits systems in st जम्मीदवारों को इस हाशिए में नहीं लिखना चाहिए Candidates must not rite on this margin poon wing delivery (er Amazon USA) ware etc. T. Lark of tech usage - ex. No use of drones I lipip cance of Logistics 1. Raises competetiveness of Exports due to Chequer transport costs 2. Senves urban demands of faster demen 2 ex Blinkit, broken 12 mins dervery 3. Raises enployment 4. Forward, Cackward linkages are high S. Raises pare of growth by ensuing faster delivery, safer detivery of materials COVID19 showed the importance of a robust Toposice sector in keeping a work from Mine, lockdown eenomy on its feet · Adjogriste Trivestment must be made, gives when wantes in work shutters may be here to

प्रश्न की संख्या उम्पीदवारों को इस स्वीत में नहीं लिखना चाहित्र वीजिए Candidates most Enter number write on this margin of questions Agricultural eubsidies comprise rearry Qy. 40%. To total agricultural GWA , acc-to Budget 2020-21, having ceveral ra ication yome duck pler " Jubridien Issnes) 1. Migh kurder on exchequer due to fam by well. loan warnen, PSL tangets, MSP G. Skefred pattern of apricuture - prios dan tomards Rice - wheat contract exploitation of groundwater gregorither (90-1. withdrawal for agri.) 3. Store lining of drought resistant crops 20 like nillets as enboidies not there wer, inparts rubitional lecurity + Raises vulserability to drought (67.1. India is draught vulnerable)

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4. water enbidy encourages over-use, प्रश्म की दीरिलए Enter number Entern of questions mater use inefficiency depution of Linv id 17. r.). water blocks ( with Subridy on J. Higher use of electricity due to subsidy power. causes coal usage - pollution 6. Subsidised MVY seeds need higher water, fertiliser usage -> depletion + Soi de gradation. However, few positives) 1. Supports 40% employment 2. Food security and 3. Exports are largest in Rive, Baranas etc. India's subsidy policy must support farmer but must be tempered with woneary for to incomposition of and the concernant and the concernant and it is and the Jeed environment and elignate (SA913) with getion OBT putsider, Jubrider hold ggettion form holding Rize at

प्रश्न की संख्या दीजिए उम्मीदवारों को इत हाशिए गें नहीं लिखना चाहिए Enter number Candidates must not of questions write on this margin 11 Circular economy " refers to an economy 05. based on reduce reuse and reague" such that no exess waste of materials generated is Reduced packing No fetishism Recycled begm rullar econ material unalistic Sustainable designe oduction (Role of Circular economy 1. Allows meeting NAC commitments wa reduced everall emissions 2. Employment generation of recycles, designer Boose to public health by reducing waster 3. imalistic - production - here last petitine exer new met Plus Pramesh eLib www.pluspramesh.in Call. 07987211847

all'any 5. meets growing demand for "conscious Enter number of questions consumption " (Plastic part et.) (Venicle Scroppage Policy) 1. Tax Rebates on new vehicles on surppive old incertaines recycling all Jeanory and greniule needs to be received - Shickured opproach so Vand 3. Incertives to producers ky many of credits for recycling old rehicles der un 4. Adresses big source ge-waste-given ite of growing whan affinerce and demand the advant personal vehilles and cent che "usage for needs, not wants" is the 9 way torward to true thigh townular economy

प्रश्न की संख्या रम्मीदवार्रे को इस हाशिए वीजिए में नहीं लिखना चाहिए Enter number Candidates must not of questions write on this margin The National Gneer Tribunal was let up under 06 . Part XIV-A of the constitutions Article 323-B, nder NGT Act to ensure provisions c justice and has come a long way ecological Significance 1. Experts advise is inculcated into protectal process by may of membership. makers 2. Final and Birding provisions reduce time loss is oppeals and ensure fishice 3. Raises ability to neet NALC at 10P21 for India ky may of judicial activism Grounds for Shaping legislation which is coologically lenstlive The , en ICZM Rules, CR2 mles Plus Pramosh eL P anea pluspriamesh in Call 07987211547

उम्मीदवारों को इस हाशिए प्रज्ञ की संख्या में नहीं लिखना चाहिए Candidates must not वीणिए 1ssues write on this margin Enter number of questions Environment in concurrent list, 7 "schedule creates centre state tusele 2. Allegations of judicial over-reach 3. Clows down pare of reforms - stayson Alvord > MPA 4. Vacancies seduce speed of justice delivery 1972, F-RA J. Lack of real time ecolopical dates Forest not Surveys etc. are done with time lays rered under - , hanpen decision making the Act Recent mings on Aarey colony trees, Kerala housing society on Vembanad Kol, CR2 (cimited Jusural ch' notification, chutting of Fandabad Crick Kelly Show the nicing inportance of att. effective and data availability and cooperative jederalism w consector tendenther boost NGT. mensures to conclude latter. Plue Pramesh eLib

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प्रहन की संख्या उम्मीदवारों को इस हाशिए दीजिए में नहीं लिखना चाहिए Enter number Candidates must not of questions write on this margin Rare diseases" are defined by USFSA as 07. diseases whose incidence is nearly 1/1,00,000 individuals. (Lack of amareness Quality letigma have siseases) of ly my Guarnple 9 mantion low treatment options lore dream experts ( National Policy for Rare diseases, 2021) 1. NISAAN Kendoas set up to monitor and coursel people 2. One time grant for treatment of rare also provides diseases which are treatable 3. Reychologicall courselling to people with we rare diseases R& S support to liper securatity hospitals es aliseases Looki Plus Pramesh eLib www.pluspramesh.in Call: 07987211847

समीदवारों को इस हाशिए प्रश्न की संख्या [Issues] नहीं जिलना चाडी वीजिए Enter number of questions 1. No provisionis for diseases which require chronic treatment ex Altheimer 2. Lack of separate funding - Rashriya Arogya Nidhi grants used Lo A 3. Res expenditure is low - only 0.67%. GAP capp (VSebit. Krael) . No amareness campaigns planned - this courses lifelong stigma and reduced granty glik have diseases must be treated holistrally and with sympathy to ensure heart for you should have alto covered andium au (soh 3) Acenardo boll dete in beginning to make it more compartenire

प्रश्न की संख्या वीजिए Enter number of questions

08.

रम्पीदवारों को इस हातिए में नहीं लिखना चाहिए Candidates must not write on this margin A notified disaster" is one which is declared by centre or state under Disaster management Bet, 2000 to ensure urgency of response and priority of relief 1. Ensures release of National Disaster Response funds to centre states to respond 2. necessary power to notify "Essential commedicies " under ESMA for publie

3. NORF forces may be used for unitian and

4. Inposition of eurjews etc becomes easier

(COVID 19

relief

mechanisme

1. Funds released hered ease demand -Supply mismatch for medical of etc.

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e enabled जम्मीदवार्य को इस ह A inposition of unfews and earial distarcing DRF Public places Ne 3. Reduced inter-state most of people - heped reduce spread of disease Issues 1. Non-wordinated opproach of states each dealt in our way, at dip pts of time 2. Non release of funds in time - large no. of death - PM CARES funds had to be put in to aument efforts 3. Non humanitanan opproach - public beatings in libaner - police state opproach 4. Could not deal with migrast labour exodus tran geproach along with coordination Myreaners mantan are lessings to be band for the otive use of the ac

प्रश्न की संख्या दीजिए Enter number of questions

जन्मीदवारों को इस सारीए में नहीं लिखना चाहिए Candidates must not write on this margin

QQ`.

of land under force of gravity causing loss of public property and lives lood dereniption inforeduce Such quertion Landslide Vulnerable Zones Reasons 1. Tectonic activity in Hinalayan region causes instability and erest faulting + Euclden most are common 2. Loose debris, glacial till - easier to more 3. Iter clopes of Himalayas, western ghas L'Higher pressure of gravity Plach rain in w-ghats - graning Plus Pramesh eLib www.pluspramosh.in Call: 07987211847 well.

Landslides are coursed by cudden mort.

जम्मीदवारों को इस हाशिए Glarial Lake outbursts is kinalowas cause में नहीं लिखना चाहिए গ্ৰহণ ন Candidates must not प्रश्न की संख्या write on this margin वीजिन 5-बीजिए Enter Enter number of gui of questions land most. 6. Christe change aided glacial meet - Hash floods (chamali > 2021) couses handstides (National Risaster management policy (measures) (1) Landslide Hazard Mappy (A) Pre disaster (3) Community drills Targetted and to unberable (B) During Sisaster ()(2) chelles NLRMP(C) Post disastr (1) Latellite data analysis (2) Build back better infra Developing Fothers (3) Charial lake danning Early apprestation received apprestation of erosion of 1 agnin landstides hystem , No construction zones in hazardous aneas -, land embankments to reduce and from Anthonopogenic retori ww.pluspramesh.in al 07987211847

जम्मीदवारों को इस हाशिए राज्य की संख्या में नहीं लिखना चाहिए ीजिए Candidates must not write on this margin nter number Demity's no longer just about amed questions Q10 . forces - it has turned into a highly technology intensive, competitive and lethal field creating leveral asymmetries (yberinne) (Stones in J&K) lood. COVID 19 Rise of Super-intelligent Recent cases) Ciologital In Jucole more Warfare computers AI, block chain an pech of aided networks leculary limate [Meed for Reforms] change, mignation, weaponisation of eubline eretities en 1. Bioloxial apents privit 2. Trans-national nature of trieats - need for globally coordinated opproach 3. Gyber-physical Lystems vives med reeded to keep data grids saje Plus Praniesh eLib www.pluspramashin Call 07987211847

4. Adequate data privacy needed in era प्रशन की संगत Alfler Ebter number questions of data colonialism T. Rualibration of old weapons systems For new threats on Airforce needs drove inter captors 6. Gace weaponisation needs to be countered and invested in ex mission Makti Angue Formeed for inter-connected ness avois Angue crime monitoring sections of gost exciting National connected and Not gene to deal with connected nature of inne onell generation in hursd White charminal of fittest " the one beckons of a course to invest into security for the jutare to eightice the severegity and intenity of on White the severegity and intenity on White the severegity and intenity of on

SECTION B

प्रश्न की संख्या दीजिए Enter number of questions

011.

Candidates must not write on this margin "Sark web" and "Sark met" are referred to the part of internet which is not rearchable with usual cervers and is used as a Rtatform for crime, mappicking, temor finance No and international unupling be , google rearthable we surface web 201 sark web 60%. 507 , cash receipts pophive hospital neords Seep web 20%. Jillegal mansaction pumpore Porno graphy 沾 Existing framework 41 vall? 1. IT Act, 2000 and IT Rules, 2021 Cononi 3. POLSO Act - against child porno graphy 3. CrPC, 1973 - ayainst trafficking, pornographic representation (Men challenges thrown open ) 1. Trans-National flow of data - difficult to administer one area's norms on content from elsewhere Plus Pramesh al.ib

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जम्मीदवारों को इस हाशिए

में नहीं लिखना चाहिए

जम्मीदवारों को इस हाशिय 2. Crypto enercy - chables aronymous में नहीं लिखना चाहिए Candidates must no प्रस्न की संख्या write on this margin thansactions online: difficult to track दीजिए Enter number of questions 3. Lark of Human Resources - to deal with Specialized cerves used in dark net transload actions ex The onion king Coverage Obsolete Criminal tracking networks which is un-integrated across multiple agencies 0] men grounds for trafficking - done via inner informal networks which are invisible to moditional surveillance 6. Rise of Supra-national organisations like 1515 - cross country buying / celling of lex evanues for enstaining and attracting young men into their fold way for mand - Horristic Legislation 1. Draping a basic minimum have based on international consensing to deal ) as sark web is a globally operating Hus Pramesh eLib 07987211847

2. Information tech should be fused into रम्भीदवारों को इस हाशिए प्रश्न की संख्या में नहीं तिखना चाहिए दीजिए Candidates must not write on this margin Enter number traditional policing of questions - + ex AI for hotspot mapping of illepail toade 3. Reputating Crypto aumercies to ensure it doesn't fund illegal activities 4. Use of cecial media to track and trace chiminals and ninners of criminal nexuses 5. Community and child amareness to quand against the ture of entering deep web ex Shark games which caused chird deaths globally Argue Anone clarity in depinition to deal with a more seep fakes, phishing attacks Compresention and expertises lowing in HR development Law with for in legislation. we executation but ret bycallow 25, Indian youth must ret bycallowed to be taken advantage of an agranticerial elements on satk net Plus Pramesh eLib www.pluspramesh.in Call 07987211847

प्रकृ की संख्या मीजिए Enter number of questions

जमीदवारों को इस हाशिए में नहीं लिखना चाहिए Candidates must not write on this margin

Fintech time" are a fast-rising type of Q12 . knornesses which beverage technology to Offer variables tinancial dervices to its knyes. I were there there have nerthered nerthered nerthered nerthered nerthered nerthered in ples. es umples. Tradicional hime Fintech hims Billio Use traditional 1. massine use of Tech banking methods to offer colutione 2. mostly use internet and mokile opps 2. usape of knik and montan offices 3. Requires user to 3. Easily ecaleable globally be physically on wick of a kutton present at totation 4. Being promoted by goit 4. Glitnessed promotion you fed Financial indusion wand digital literacy differences in aness in 1970s Bank Nationalisation) G. Issue of literacy divide — as negrines basic use of numeracy, Cat 07987218827 writing

opportunities उम्मीदवारों को इस हाशिए प्रश्न की रांख्या में नहीं लिखना चाहिए दीजिए Candidates must not 1. Cashless economy after 2017 demonetisation Enter number vrite on this margin of questions is pushing more people to finitech 2. High data usage. - at 10gb per cepita per month - reasily accessible 3. Complements financial inclusion - as solutions available even while at home - women, elderly included 4. Leverages industrial devolution 400 - via use of tech to give seed of financial mansaction No. 29 5. Remanes middlemen like brokers, coustiens ation dealing with fiscal products Cor opportunations fragtigher savings maitable to with 7. use of technology is boosted - ) weder 10 ans to digital literacy AMERS. Remote places are no longer excluded and case of bank era (underended areas) Plus Pramesh eLib ww.pluspramesn.in 07987211847 cinan inclusi balanced growth

प्रहन की संख्या उम्मीदवारी को इस हाशिए दीजिए (challenges) में नहीं लिखना चाहिए Enter number Candidates must not questions write on this margin 1. Signal divide - only 20% moral houses have computer, and only 7% have net ancess is as terme 2. Asymmetry in device ownership - like women donct own mokily as much asymmetric access 3. Low internet peretration due to clow Race of Bharat Net project Regulations Phishing, cyber attacks - Indians 2nd difficulty out unerable to these reduces public and s. Low human interface eneates must deficit privacy which hinders adoption of tech Data Vs personal contact with bank agents -> # lifelong bond ferme. Fintech firms are here to stay and may well krome a force of financial inclusion, but and must. 1275et allemation, plata maketion

प्रमीदवानी को इस शरि प्रहन की संख्या नहीं विषड्ना माहित वीजिए Candidates must no Enter number Organic farming in India makes up 8% land write on this margin of questions 013. , 2%. Jann endput with world's largest number of organic James in India. (Advantages of organic farming) 1. Environmental enstainability due to reliance on blo-organic pesticides etc. 2. Reduces land degradation 30% Indias Land is degraded, UNCCA) by maintaing coil moisture (mulching etc.) 3. Groundwater usage is minimal 4. Addresses Rising gloked demand for healthy tood 5. Health outcomes are better due to non hoad, portice of exemicals for ripering etc. (carbides) for Force for Equipty as allows small Lertilises to fam, without using expension and hearth benefits ik oductor

जम्मीदवाचे को इस ह में नहीं लिखना चालि A Recent Steps Candidates must प्रहन की संख्या write on this man 1. Paramparayat Krishi Vikas Yojana Enter number of questions 2. Mission organic Value chain development 3. Participatory continuation scheme 4. 2BNF puch (budget, 2019) [Issues with Andaman & Nicobar LAC echeme] 1. Threat to fragile ecocystem based on mangrove forests, sear coastal zone 2. Reduces biodivercity by converting hand into apricultural land et Palmoil cultivation Cindonesta) 3. Dertring yields have been expensived in Sikkim 4. Threat of Bio-pesticides going wrong - Rise ey incidente of munder tornets (VSA) used as bio pestudies as have recised alarm bells T. Presence of Indigeneus tribes - Jaramas, orge, Chonpens have centy 80-240 / Spele left - introduction of large state faming Pius Premean eLit www.pluspramesh Call 07987211847 may interfere with may give

alfant

uplike organice tearing may help reptenish Suils averused by toootitional faming (10615) it must be openied intelligently to ensure प्रश्न की संख्या जम्मीववारों को इस हाशिए में नहीं लिखना चाहिए दीजिए Candidates must not Enter number write on this margin of questions 612 live diversity is not endangered point agricultur with agricultur better productivity agniculturi an mell. Pius Pramesh eLib www.pluspramesh.in Call: 07987211847

जम्मीदवारों को इस सरिए में नहीं तिखना चाहिए प्रहल की संख्या Candidates must not दीजिए write on this margin Enter number It is estimated that by 2050, 21 of Indian of questions 014. negacities vill nin eute of ground water which has fallen by 60%. Dw 2007-17, and with was 13 5.1. blocks as "initial", Indias water these data. is inninert Causes / 1. Overuse of groundwater - 90% is used by an sector - inefficiency in water use planning 2. Non use of traditional knowledge or Burds, Baolis for water harvesting 3. Untreated masteriate from industrial discharges courses further pollution en Richikest polluted due to pharma sector har gt lack of mater hamesting - only 74. mater veputis harnested in India Plus Pramesh et ib www.pluspraniesh.im Call 07967211647

5- over-reliance on mater intensuie execution-जम्मीदवारों को इस हाशिए प्रश्न की संख्या में नहीं लिखना चाहिए दीजिए Candidates must not Rice exports use 6-7 times more water write on this margin Enter number of questions 6. Global marring has raised droughts in west India - mater traveity 7. Sam mismanagement courses foods and droughts alternately ( thennai floods, 2019 8. Urban flooding due to urban heat island vourses pelluted lewage water to mix with other water - non-harvestable Allo nelate 9. Double-kunder of water chess on women with population due de chird care reponcibilities, duity to fill Growth mater tanks for home 10. Repond inequality in mater analiability is being excacerbated L Rajaothan, marathwada: Fanner Emicides due to drory to Plus Pramosh eLib

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प्रश्न की संख्या A Govt. Efforts जम्मीदवारों को इस सरिए वीरिनए में नहीं तिखना चाहिए Enter number Candidates must not of questions write on this margin 1. Atal Chrijal Vojana 2. National water policy, 2000 from 3. Water Information System punpose 4. River Interlinking Scheme 5. Har ahar Jal Yejana afen Schemer 6. Smarth Charat Mussion [Issnes] Sespite kest efforts, lituation needs further improvement due to issues like: 1. Lack of behavioural charge - appunent families open misuse water 2. Showed cropping parter due to msPs doesn't favour draynt resistant millets 3. Lack of investment in micro in gation eauses reliance on water intensive technique 4- Centre- state disputes causes River-water tikunals keing ineffective (Convery dispute) I - Competiture Federalism reduces scope for cooperation via River interlinking Plus Pramesh el www.pluspramesh.in Call: 07987211847

6. Lask of R&A into drought resilient reads, प्रश्न की संख्या जम्मीदवारों को इस हाशिए वीजिए में नहीं लिखना चाहिए Candidates must not Enter number write on this margin of questions new pushing methods, water desalitication as India spends only 0.67. I on RAD US USA, China (3-6-1.) while govt has tried to ever come the issue, having tech-driver, cooperative and howsh's approach alone will ensure overall sufficient mater anailability and associated good health (SAG 3), santation (SAGG) But trigerd equality (10610) describe Werden to in trave 0 more de fai in Plus Pramesh eLib www.pluspramesh.in Cal: 07967211847

सम्मीदवारों को इस प्रहम की संख्या वीजिष्ट Enter number of questions E-waste refers to end-of-life maste electric Q15) and electronic equipments like used conjecters etc. which remain un-begged. and 19, 1. 2<sup>nd</sup> hangert <u>e-waste</u> generator - 3<sup>nd</sup> and 12 2. enty 20-25% waste necycled v.s of <u>e-waste</u> 31, 85% recycling ky informal write of <u>e-waste</u> large veale ground mater learning eg Wood toxins like mercury lead from waste \* (Scenario) lechad v.s and ching. Ewaste management Rules, 2016 1. Extended preducer liability to collect kalk maste equipment for recycling 2. Emaste necycling plan at that level 3. E moste segneration and suycling units F. G. Buyback / deposit convene for unstantes notion they notifien averate equipment for wire wire you get also we here we also

रन की संख्या रम्मीदवारों को इस हासिए Performance ] में नहीं लिखना चाहिए ोजिए Candidates must not 1. Limited effect due to non-maintenance of e-moste plans at each verse nter number write on this margin questions - diett. planning committees donot meet 2. Lack of amoneness among youth and Setishiom - ) not addressed ky policy Aleople kuy new constitutiones, even if no need - now wante 3. Informal value chain causes poor newling nothods - hazand to waste workes ex silicosis 5. No funds for coty of emaste plants creates kunder en companies Raises costs / disinertinises renjoing a 5. Mage of non recyclable materials courses Coverage imves. limitations in re-use -6. No incurance policy for maste moderes (& lafai Kamachan view once) Plus Pramestrel ib involusionamente in - + harand to be Call 07987211847

with a population of 600 million internet जम्मीदवारों को इस हाशिए प्रहम की संख्या में नहीं लिखना चाहिए वीजिए Candidates must not write on this margin Enter number and smartphone user, India has the of questions potential to turn e-waste into e-gold if tenots of circular economy and responsible production & consumption (SDG12) are fettomed. Understanding Plus Pramesh el.;b www.pluspramesh in Call. 07987211847

प्रश्न की संख्या दीजिए Enter number of questions

Candidates must not write on this margin India is touted to double her energy 016. foodured needs by 2050. Given our import dependance of 85.1. on oil and 60% for gas, VIEW hydrogen fuel is an opt choice to well reduce inport kill while ensuring eveny (Gneen hydrogen) Security (Advantages) Thermal power (100 sugnessived 4 62 segneskred 1. Abundantly available - Hydogen is most widely available element. 2. Green energy - usage og Green hydrogen noes electrolycis of mater via renemable energy 3. No emission - hydrogen first only water as by product Health kenepts, no easier to hood Plus Pramesh aLb meet COP2LADCS www.pluspramesh.id ali: 07987211847

उम्मीदवारों को इस हाशिए

में नहीं लिखना चाहिए

सम्मीदवारों को इस हाशिए प्रश्न की रांख्या 4. Use in defense tech - as hydrogen में नहीं लिखना चाहिए Candidates must not दीजिए write on this margin Enter number of questions fuel equipment is lighter - your ke used for faster mobility 5. Multiple usayes - 18 Both as firel cell as well as internal combustion efficiency losser charging time - only coming we Better We 2. Lower Enport kill due to lower ail gas inports (Sisaduantages 1. Highly comb ustible - accident - prone 2. Requires Cryogenic compression - to reduce its volatility - higher theh used 3. Meeds more investment 4. Grey and She Hydropen cures themal pener for generation ) is not "gneen" as so and fue funes depend Call. 07987211847

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जन्मीदवारों को इस हाशिए प्रश्न की संख्या ৰ্ট নগ্ৰী মিমান ব্যক্তি measures ky gort. दीजिए Candidates must not rite on this margin Enter number of questions 1. Mydrogen firel policy, 2000 - first step tourands hydrogen evergy 2. H-LNG bruces in Delhi, using Hydrogen blended CNG 3. Mydrogen first velles PLI Jahome 4. PSL target in clean energy 5. FAME II cheme for Myangen fuelveriele 6. Leh-Delhi kus reute to have & hydrager the freled tuses. In order to fulfill its commitment of reducing energy intensity of GAP ky 33-331. by 2030 and meet ISG goal 13 climate ( govt is taking necessary steps for C all refer development of this new technology ablempited shan answer ve Pice Pranest aLit ANN DRUGTBOUGHT U 07587211847

प्ररम की चंत्रवा बीजिए Enser number of questions

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er		write on this
	Al and related technologies like see	
	karning, machine karning etc. are	
	expected to usher in Industrial Revolution	
	4.0, and India with a large, young	
	and chilled population is possible to ke	
	benefited from it.	
	[Shengthe and Opportunities]	
	1. Greater user experence - via recommendation	
THE SEA	for congs, preducts using Al algorithms	
No. of the owner	- Ensiresses, Startups congrow	
	2. Sisaster management is easier by identificat	lim
Con Maria	of hokpots, prediction of undones	
and the second second	3. "Complementary Labour" in form of Robots	
Contraction of the second	case worklead in hazardous eiterations	
a to the second	er Benduisot Robot for semage cleaning	-
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Plus Praroesh eLi www.pluspramesh Calt 0798721184

4. Faster development og new tech ike श्न की संख्या जम्भीदवारों को इस हाशिए गितिए में नहीं लिखना चाहिए vaccines, Pronties tech devices etc. has shortened write on this margin nter number Candidates must not questions testing time ex COVIS 19 vaccine 5. medical usage - like prediction of rare diseases using genetic tequerce analysis hood, Terrorism can be handled better alongrich can trafficking, money Laundering the analysis 9150 mention of transactions data of tax returns etc. 访 7. Emotional and Reychological support wage van ke extended via humanoid Atbased In Agni Withe pots for the elderly, depressed transfo Le Monnever, without large scale adoption strategies Al may be a force of greater social divide : 1. Sigital divide may be widered as people without access farikehind 2. Blokal North vs. South clinible botween hus Pramish eLit www.plusprameshin Call: 07987211847

उम्पीयवारी को इस हाशिए वें नहीं जिसाना चाहिए प्रश्न की संख्या Candidates must not दीरितए rich and poor may deepen as more AIwrite on this margin Enter number of questions based systems are used due to costly tech. 3. Privacy concerns ear give sie to A1hesitancy and upperfine - Seep fakes 4. Criminal notworks may easily hack onto istual network based governance cystems + J. fise of 'aperhuman' - are feared for the Inical consequences on human mee's currinval 155 men, More 6. Sata Colonialism - may hoppen dure 40 Consumptione of effective data legislation of large data generating coursies may lase 6nors y et (like clotica) for the kerefit of users in USA Sata is the new gold " in an AI based penefic cide of Al ean eurely ke outro onhanced by use for the greater good, possible premest die only if effective tational, manunational policies one in place

प्रश्न की संख्या दीजिए Enter number The recent manned space fight by Virgin of questions a18 . Atlantic, a private acroque fim, has whered in a new era of growing footsleps 11200 of private egital into space industry (Frontier Research) 6xarples telinate change Space Industry Space Evology Evolution of Recreation Eant Inpart of Private participation 1. Raises investments into the area Carlier, only national gents had onus I fiscal burder 2. Encouragement to new RAD - as more and more finns enter, seeing propies 3. Boost to competition - gort-backed enterprises the ISRO will have to stand upto enhanced Plus Pramash eLib www.pluspramesh.ir Call 07987211847

प्रहन की संख्या दीजिए Enter number of questions

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एम्मीदवार्च को इस समिए में नहीं लिखना चारिए Candidates must not write on this margin

4. New domain of necreation - as prisate firms will like to encash upon human flights for propits - + enlances quality of life 5. Employment generation more raised demand for engineer, pilote, elientists 6. Issue of space debn's may worse due to Concernincease in no. of ministori Concerned Space detris realready a threat to con prioned existent space assots men lety. set of the space divide as already developed set courties like VKA are likely to have more firms investing in the area ex Elon musis spares, Vingin Altartic are both VEA based + Security for Concerns for Countries due to of waich

उम्मीदवारों को इस विशिष प्रश्न की संख्या में नहीं लिखना चाहिए वीजिए Steps in India Candidates must not Enter number rite on this margin of questions India has 2% share of global space industry with USA 1.3 Billion investment (1/20th of USA). 1. New Space India Ud. - new entity to allow transfer of tech to put fime 2. Inospace - be into sharing and joint development 3. Antrix - private wing of 1000 for commercial development in space industry 4. Space business incubators encouraged in 11TS and 111TS to naive space startups Cort Pep. PRARAMBH - Startup India Sunnit plat form for show casing New Suerce, Tech and innovation Policy dercrist well 2021 - encourages space education. with highly chilled tabour and real for pace dominance, India is bound to do well if Plus Pramesh el.ib www.pilaspramesh.in the private cector's finance, projessimalism and Call 07987211847 is effectively benessed zea

जम्मीदवारों को इस हाशिए में नहीं लिखना चाहिए Candidates must not प्रहन की संख्या write on this margin दीजिए Enter number with roughly 85.1. of Indian Landmass of questions 019. prone to some type of disaster, disaster nich insurance takes centre-stage. \* Disaster Risk in India you wg alighted los ad that 1. 67-1. land prone to drought 2. 561. land properto earthquakes vulnen abî (sty. gnd: k's 3. 12.1. prone to flooding (Need For Disaster in curance) 1. Growing volatility and uncertainty of disaster due to climate charge ex lyclones in Arabiancea ?. New disaster like nuclear bakage, Cyber threats thacking of gost retrucks inot adequately covered under Sisaster management Act, 2005 3. Vulnerability of the poor is high as agriculture (employs 42.5:/.) most vulnerable Plus Pramesh eLib www.pluspracesh.in Call 07987211847 -+ constationers, only sof area inigated

4. Trans-national nature which cannot be जम्मीदवार्च को इस हाशिए प्रश्न की संख्या effectively managed within national Jurisdiction वें नहीं लिखना चाहिर दीजिए Candidates must no Enter number write on this margin of questions s. Low insurance peremation at only 1.4.1.4.84 6. Sould bunder on women, elderly due to Social hierarchy 7. Resilience in Supply chains is needed, risk management is input ensure S. Effective food lecurity to feed 1.3 killion Resple 9. Lesser gop betwees haves-have not which is exaculated on disaster occurrence (Liphiphance of the program 1. Vulnerable Sections have special provisions Need to to mitigate deuble kunder love in Raises resilieres of grauttare by ensuing 15milian concerne of fames 3. Orsuges base min. etd. og ming by Rensele engel en og menere græsser Honder pregnande aster men under pregnande aster 07987211847

And the Humanitarian approach South Timely disbursement to avoid penalty Orsand, Jonand, Jon उम्मेटवार्ग हो हन होते। । नी जिलन को Cenditates missi no erits on this margin Marte Federation and the for disaster sick de l'hisaster resilient infrastruttur must be tept mind when furthering coursely disaster e manage rossurance Under Henderg, Jeneral en But specifics have been 5 mined in post. and s Ptameshel. Ic 9.07587211847

प्रश्न की संख्या वीजिए Enter number of questions जन्मीदवारों को इस समिए में नहीं लिखना चाहिए Candidates must not write on this margin

Recent allegations post COVID-19 pardemic 020 out break on this having used sarslov-2 to kneak the kark of competition has raised concerns on the issue of Riotemorism usage of kietofical agents to destroy the beginning enerry ex Anthrax scare, 19705 ULA Issues and concerns 1. Ethical concerns - biologically cubline Species being used to kill the other is against law of nature 2. misuse - van net ke easily traceable 31:5 Mars- national spread is easy, given era Need 15 glob alisation -> difficult to control epicad Genetic mutations may occur in fon Ind.c. A Jaces breveres, lead to culling pluspramesh in mo all 07987211847 nouts, bats killed in Sermark.

6. Food security may be compromised by उम्मीदवारों को इस हाशि। वें नहीं लिखना चाहिए प्रहम की संख्या Candidates must not use of teeds terminator reads, toxic दीजिए write on this margin Enter number of questions fertilises measures to tackle 1. Effective keyislation to define kiological disaster 2. SOP must be fixed to ensure proper lire of command Angue to 3. Use of technology to predict attacks using AI and deep learning. bueld infrance Resilience chiende ke knist isa enveillance Developing throwing sector to develop resilient produce . Global concensus and provisions for fixing Common ar lindicité via international court of institue rep "Inevention is better than use" India must take use from COVIS 19 and propare for the www.pluspremest Cal: 0796/21184 future.