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GÉNERAL STUDIES (TEST CODE : 759)				
Name of Candidate	Annol Dain	No. No. of Contraction	Canal State	
Medium Hindi/Eng.	English	Registration Number	82534	
		Date	16/11/16	
Center	Bhopal.			

INDEX TABLE					
Q. No.	Maximum Marks	Marks Obtained	1 Do furnish the appropriate details in the answer sheet that		
1	12.5		 Name, Registration Number and Test Code). उत्तर पुस्तिका में सूचनाएं भरना आवश्यक है (नाम, प्रश्न-पत्र कोड विद्यार्थी क्रमांक आदि)। There are TWENTY questions printed in HINDI and ENGLISH. इसमें बीस पश्न हैं तथा हिन्दी और अंग्रेजी दोनों में छपे हैं। All questions are compulsory. 		
2	12.5				
3	12.5				
4	12.5				
5	12.5				
6	12.5		सभी प्रश्न अनिवार्य हैं।		
7	12.5		4. The number of marks carried by a question/part is indicated against it. प्रत्येक प्रश्न/भाग के अंक उसके सामने दिए गए हैं।		
8	12.5	1			
9	12.5		5. Answers must be written in the medium authorized in the		
10	12.5		Admission Certificate, which must be stated clearly on the cover of this Question-Cum-Answer (QCA) Booklet in the space provided. No marks will be given for answers written in medium other that the authorized one. प्रश्नों के उत्तर उसी माध्यम में लिखे जाने चाहिए जिसका उल्लेख आपके प्रवेश पत्र में किया गया है और उस माध्यम का स्पष्ट उल्लेख प्रश्न-सह-उत्तर (क्यूसीए) पुस्तिका के मुख्य पृष्ठ पर अंकित निर्दिष स्थान पर किया जाना चाहिए। उल्लिखित माध्यम के अतिरिक्त अन		
11	12.5				
12	12.5	1 States and			
13	12.5				
14	12.5				
15	12.5	the state of the s			
16	12.5	ASSESS			
17	12.5		किसी माध्यम में लिए गए उत्तर पर काई अंक नहीं मिलेंगे।		
18	12.5	-	6. Word limit in questions, if specified, should be adhered to.		
19	12.5		प्रश्नों में शब्द सीमा, जहाँ विनिर्दिष्ट है. का अनुसरण किया जान		
20	12.5		 चाहिए। 7. Any page or portion of the page left blank in the Question 		
Total Marks Obtained: Remarks:		and the second	7. Any page or portion of the page left blank in the cutes Cum-Answer Booklet must be clearly struck off. उत्तर पुस्तिका में खाली छोड़ा हुआ पृष्ठ या उसके अंश को स्पष से काटा जाना चाहिए।		

75, 3rd Floor, Old Rajinder Nagar Market, Near Axis Bank, New Delhi – 110060

103, 1st Floor, B/1-2, Ansal Building, Behind UCO Bank, Dr. Mukherjee Nagar, Delhi – 110009

EVALUATION INDICATORS 1. Alignment Competence 2. Context Competence 3. Content Competence 4. Language Competence 5. Introduction Competence 6. Structure - Presentation Competence 7. Conclusion Competence Overall Macro Comments / feedback / suggestions on Answer Booklet: 1. 2. 3. 4. 5. 4 6. All the Best Scanned by CamScanner

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Answer all the questions in NOT MORE THAN 200 WORDS each. Content of the answers is more important than its length. All questions carry equal marks. 12.5X20=250

India has the lowest tax-to-GDP ratio among countries with a similar per 1. capita income on a purchasing power parity basis. Explain the reasons for the low tax-to-GDP ratio in India. What measures can be taken to correct this situation?

भारत का कर-GDP अनुपात वस्तुतः क्रय-शक्ति समता के आधार पर भारत जैसे प्रति व्यक्ति आय वाले देशों के बीच न्यूनतम है। भारत में न्यून कर-GDP अनुपात के कारणों की व्याख्या कीजिए। इस स्थिति को सही करने के लिए क्या उपाय किए जा सकते हैं?

Tax to GDP ratio represents the amount of tax collected as a percentage of a country's GDP. For india it stands at dround 16% which is far lower them DECD average of around 30%. Following the are the reasons for love two to GDP ratio :-) governmentis take populist measures and increases the ceiling on exemptions. - various tex exemptions. - toopholes in policy like DTAA with the mousting 2) Faiture to implement lanes. - gout is unable to check tar evasion, black mongy and havala Call us : 9650617807, 9968029039 Call us : 96506 (7667, 55550) Blog : www.visionias.wordpress.com Page 1 of 60 Visit us : www.visionias.in

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VISION IAS 3) Corruption, & has became a major reason behind black money generation. Further, politication criminalisation of politics, lack of transparency in election funding is also behind corruption 24) Administrative failures and lack of capacity of tax administration. Measures to improve tap to 4DP ration 1) Avoid populist measures to raise exemption ceiling. (2) Taxing of rich farmers should be started. 3 GST reform will reduce tax evacionand avoidance (Amendment of DTAA to check round tripping 5 Implementation of base esosion and profit sharing norme. 6) strengthening PMLA, PCA and institutional mechanism to stop tax evasia. Call us : 9650617807, 9968029039 Call us : 900001101, wordpress.com Blog : www.visionias.wordpress.com Page 2 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com s document is personalised for Anmol Jain(anmolia

Don't write anything this VISION IAS margin (इस भाज में कुछ ना क्रिस्में) Thought International collaboration and information sharing - collaborating with G-20 in automatic exchange of information (A E 01) Call us : 9650617807, 9968029039 Call us : 9650617807, 956668.com Blog : www.visionias.wordpress.com Page 3 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com

759 VISION IAS In spite of various initiatives, the condition of the power sector still remains 2. one of the core challenges for India. Comment. विभिन्न पहलों के बावजूद, विद्युत क्षेत्रक की स्थिति भारत के लिए अभी भी एक प्रमुख चुनौती बनी हुई है। टिप्पणी कीजिए। India power sector is underperforming because of following reasons:-1) Supply side constraints have lead led to underatilisation of capacity. Inadequate supply of coal and gas doesn't allove adequate production 3) Huge financial debts of Discome This leds to under procurement by discours and by states 3) Absence of a national power market with iniform pricing to improve compeliation competitions and avoid populate populat bolicies by state jout. Since electricity is a state subject this reform has not been possible. (9) Differential pricing and cross-subsidisation reduces the financial inability of power sector Call us: 9650617807, 9968029039 Visit us : www.visionias.in Blog : www.visionias.wordpress.com Email : ajay.visionias@gmail.com Page 4 of 60

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5) Populist schemes the like free electricity. E Reforms that goet has taken to solve these problems: -() UDAY where to resolve the debt crisis of discoms. 2 & Development of dedicated freight corridor to ensure speedy transfort of goods. (3) Johning the NPA crisis of banks to improve credit availability. Further fort improvement in bond market are made. (4) F.RBM act for fiscal consolidation to evoid populist schemes (5) Recomping of PPP model OHELP policy to tackle supply side constraints Visit us : www.visionias.in Call us : 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 5 of 60 Email : ajay.visionias@gmail.com

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Examine the reasons for poor performance of public sector banks in India. 3. Give an account of the steps taken by the government and RBI to improve their performance. Also analyse whether the risks arising from the consolidation of the Indian banking sector outweigh the potential longerterm benefits. भारत में सार्वजनिक क्षेत्रक के बैंकों के दयनीय प्रदर्शन के कारणों का परीक्षण कीजिए। सरकार और RBI द्वारा इनके प्रदर्शन में सुधार करने के लिए उठाए गए कदमों का विवरण दीजिए। साथ ही विश्लेषण कीजिए कि क्या भारतीय बैंकिंग क्षेत्रक के समेकन से उत्पन्न जोखिम दीर्घावधि में प्राप्त होने वाले संभावित लाभों पर भारी पड़ेंगे? PSB in India are suffering from huge NPA problem which affects their viability and iredit mechanism. Reasons for poor performance are :-I Lack of autonomy :- Since gout is the major stakeholder of PSB+, it dictates the policy of PSB. Thus PSB has also have a social function which reduces its profitability. 2 Double repression on balance sheet of PSB. - high SLR requirement - PSL targets These reduces the credit availability of 3 Absence of legel in notitutional mechanism - SARFAESI act and DRT are not sufficient to tackle. NPA. ARC are not able to solve NAA - InB bill Visit us : www.visionias.in Call us : 9650617807, 9968029039 Email : ajay.visionias@gmail.com Blog : www.visionias.wordpress.com Page 7 of 60

VISION IAS stepe taken by gout to Earine PSB. recommendation of PJ Nayak committee and setting up of Implementation of Bank board bureau and Benking mestment 2) Rifferentiation and diversification of Banks. Ætstabliching Payment 4 omall banks. 3) Allowing for disinter. - Insolerency & havenptcy code kill - ARC, DRT and SARFAESI Act. (1) Deregulation by reducing SLR and including more categories in PSL Decapilalisation and consolidation of banks. Consolidation of Indian banking sector has many risks but its benefit outweight the risk as :-) It will allow use of advance technology of larger banks . Technological and geographical feasibility 2) It will reduce duplications of work. Big banks have more capacity to tackle NPA prodolem. But consolidation vill reduce competitio which is necessary for the better consumer Call us : 9650617507, 5550515000 Blog : www.visionias.wordpress.com Page 8 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com

VISION IAS 759 Tax treaties intended to avoid double taxation have in many cases become instruments for double non-taxation. Elaborate. List the major amendments in the India-Mauritius DTAA and the advantages that are 4. दोहरे कराधान से बचाव के प्रयोजन से की गई कर संधियाँ कई मामलों में दोहरे गैर-कराधान का साधन बन गयी हैं। विस्तारपूर्वक बताइए। भारत-मॉरीशस DTAA में हुए प्रमुख संशोधनों और इनके कारण प्राप्त होने वाले अपेक्षित लाभों की सूची प्रस्तुत कीजिए। Locpholes in tax treaties make them prove to exploitation and for evasion money laundering and roundtripping of domastic finds as FDI. They also become a source of terror since tan havens utilise those treaties to create a low taking regime to invest business - companies a route their investment from tan havens. Further companies also relocate themselves to these tax havens. This is seen in following cases: -*) Transfer pricing case of volatione l Mutch India . 2) Flipkart shifting its orgin outside india 3) Huge FDI into India from Mansitus ~ 38% of total FDI Call us: 9650617807, 9968029039 Blog : www.visionias.wordpress.com

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Amendments in DTAP with Mauritins :-(only companies that have expenditure above 27 lake are exempted from taking advantages of DTAA. I these amendments will check evasion and tax avoidance from 2 investment routes - Mauritures and Singapore Advantages top texe amendments. 1) This will prevent practice of setting up companies abroad to avoid tax 2) It will improve tax collection (capital gains tax) 3 It will reduce sof speculation in Indian bond market. (4) It will ensure only genuine of investment comes to India by checking moneylandering and round tripping But, India needs to plug loopholes in DTAA with other countries as well to. Otherwise these amendments won't have the desired effect

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Emerging ICT and their appropriation by society constitutes a threat that 5. demands new competencies and practices to be developed and integrated in the existing police work. Discuss with examples. उभरती ICT एवं समाज द्वारा उसके प्रयोग में एक ऐसा खतरा समाहित है जो पुलिस के वर्तमान कार्य में नई क्षमताओं और प्रथाओं के विकास और समेकन की मांग करता है। उदाहरण सहित चर्चा कीजिए। Development of and appropriation of ICT by society creates neve challenges for police. These challenges demands mene competencies and practices to be developed by police: spread of false information 1) Potential media could lead to disastrous social consequences - this is evident Muszafar nagar riots. Similar case from was observed when people from NE & started to flee from Bangalore Thus police should the develop cyper capacity to check false information Et Section 69 of 17 net 2000 should le implemented by proper training. the Police should develop the practice of (2)wing to diseminate information ICT public Call us : 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 13 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com

\$ - Traffic police could use ICT to mange traffic 3) ICT should be used by police to improve transparency in policing. Registering complaints online could change public attitude toward police. This will make police more accountable and citizen centric. 5) Complaints against police should be allowed to made using ICT. Thus a check to can police be provided to misuse of power. 5) Use of ICT by police to combat lane and order situation use of GPS, CCTU cameras etc Training in this where is necessary for gather and Indian police Again ICT should be used to share intelligence between police

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6. What are P-Notes and how do they impact the financial system in India? In this context, also highlight the recent regulatory measures taken by SEBI to deal with them.

पी-नोट्स क्या हैं और वे भारत में वित्तीय प्रणाली को किस प्रकार प्रभावित करते हैं? इस संदर्भ में, सेबी द्वारा हाल ही में इनसे निपटने के लिए किए गए विनियामक उपायों पर प्रकाश डालिए।

Enotes are offshore for derivative motuments that allow foreign investors to use foreign portfolia investors to investment in Indra stock markets without revealing their identity. They have drastic impact on Indrán princial system:-() They provide a source of foreign muest ment to India Dince they no donot have to disclose their dentity, P-notes are used for money laundering, roundtripping and terror financing This is done to enade tax and roundtrip blackmoney as foreing investment Anotes and volatility in Indian stock 3) F-notes markets. This makes India more vol inducrable to external shocks.

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Measures taken by SEBI to improve the quality of Protos :-1) It has tightened KYC norms for p-notes. This reduces the chance of point tripping B) It mandates report of suspicious transaction to Financial intelligence mit 3 It also limits to the size of p-notes. Thus it checks volatility in markets. SEBI's measures are to check money landering and market volatility. These measures also require institutional capacity and legal framework to tackle money laundering and black money.

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The rising levels of e-waste generation in India have been a matter of 7. concern in recent years. Examine the underlying causes of this scenario and the challenges associated with it. How can the new E-Waste Management Rules, 2016 help in meeting these concerns? भारत में ई-अपशिष्ट उत्पादन का बढ़ता स्तर हाल के वर्षों में चिंता का विषय रहा है। इस परिदृश्य के अंतर्निहित कारणों एवं इससे संबद्ध चुनौतियों का परीक्षण कीजिए। ई-अपशिष्ट प्रबंधन नियम, 2016 इन चिंताओं का समाधान करने में किस प्रकार सहायता कर सकता ह? E-maste or electronic maste comprises of discarded electronic deirces, which contain lead, cadmium, mercury, arsenic, etc. E-maste generation has risen because of its high population and penetration of ICT in India. The causes and challenges associated with e-waste Causes Repulation and penetration of ICT Dlack of waste collection and segregation Lack of awareness of difference blue even e-wastes and other wastes. This leads to 3 similar treatment by public (3) Absence of e- maste recycling capacity E-veaste leads to degradation of land, air Challenger and water. It increases mercury content leads to too - accumutation of mercury. e-maste recycling is a costly process. Visit us : www.visionias.in Call us : 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 19 of 60 Email : ajay.visionias@gmail.com

which requires latest lechnology and funding. - lack of credit, and and failures of PPP model are challenging pre-waste recycling. Neve E-waste management rules have following provisions :-OH includes CFL which are my myor source of Mercury. Thus it checks bioaccumulation of mexcury. (2) It introduces produces pay principle and makes provision for recollection and exchange of electronic decrees. These e-moste management are still not sufficient to tackle e-maste in india because of sheer size of erveste generated and compared to recycling capacity. -India should These rules also donot create augreness in public. Further capacity of local bodies to table e-maste is not sufficient. Call us : 9650617807, 9968029039 Call us : 90500 From, and Blog : www.visionias.wordpress.com Page 20 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com

VISION IAS 8. Terror groups, much like corporate bodies have well and truly embraced and exploited the benefits of globalisation. Discuss the statement with reference to terror financing and propaganda activities. कॉर्पोरेट निकायों की ही भाँति आतंकवादी समूहों ने भी सही मायने में काफी हद तक वैश्वीकरण के लाभों को आत्मसात और उनका दोहन किया है। आतंकी वित्तपोषण एवं प्रचार गतिविधियों के संदर्भ में इस कथन पर चर्चा कीजिए। Globalisation is the process in which an business entity or organisation start operating internationally. Terror groups have also used this phenomenon to spread their reach and also create mechanism to finance their activities. This can be elaborated by following. Use of globalisation for terror financing:-O Terror group have used development in ICT to fund their activities by developing online platforms in deep net or dark net. Thus activities like trafficking of drugs and humans are operating on the ie globally. 2) Terrorist in middle east are able to sell their oil and purchase guns via agonts and money laundering. Terrorist to are able to invest in stork Call us : 9650617807, 9968029039 Call us : 96506 From , 00 Blog : www.visionias.wordpress.com Page 22 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com

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markets of countries using Pnotes and other derivative instruments. 4) Countries willing to fund these groups one able to route their finances vering global network. Else of globalisation for propoganda I conservation and fundamentations is advocated as a response to maternisation or liberal thought. Thus negative import of globalisation is used by terrorist. (2) Use of ICT and social media by 1515 is evidence of the propoganda tactice by terrorists. 3 Terrorists use media attention to glorify themselves and attract recruiter and funders. Thus there is a need for a global mechanism like FATE to tackde money landing and terror financing. Interanational cooperation is needed in to tackle global threat of terrorism Visit us : www.visionias.in Call us: 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 23 of 60 Email : ajay.visionias@gmail.com

VISION IAS (253 9) NOT ON TO What is net-metering? Critically analyse its potential in incentivising 9. distributed generation in India. नेट-मीटरिंग क्या है? भारत में वितरित उत्पादन को ग्रोत्साहित करने में इसकी क्षमता का आलोचनात्मक विश्लेषण कीजिए। Net-metering is a credit mechanise that allows of the were who generate electricity by using solar or wind or other renewable energy to use grid connected electricity at reduced rates and at times of need Net metering has various advantages like. Ost promotes use of solar and wind Det also ensures grid connectivity of renewable energy inergy longer use Thus it solves the ensure sustainable development (3) This will and see provide electricity to un-electrified indian villages (3) It will give boost to renewable energy industry thus will improve employ Visit us : www.visionias.in Call us : 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 25 of 60 Email : ajay.visionias@gmail.com

- despite its advantages there are various challenges as well:-() India lacks grid capacity which makes net metering formidable. (2) Initial out of using renewable energy is too high
- 3 Electricity is a state subject. Thus a uniform policy for net metering is difficult to achieve
- (1) Huge debt of discom companies doornt incenturise use of net metering.

Thus Indian needs to overcome these challinges to take advantages of netmetering.

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कछ जा कि

10. Explain the challenges associated with predicting the monsson accurately. Can shifting to a completely dynamical model from the one used by the IMD presently help in improving the accuracy of predicting the monsoon? मानसून के सटीक पूर्वानुमान से संबद्ध चुनौतियों की व्याख्या कीजिए। क्या IMD द्वारा वर्तमान में प्रयोग किए जा रहे मॉडल के स्थान पर पूर्णतः गतिशील मॉडल का उपयोग मानसून के पूर्वानुमान की सटीकता को बढ़ा सकता है।

Indian monsoon is a complex weather phenomenon what with a large number of variables, like sea surface temperature of Indian and pacific ocean, location and intensity of ICZ, upper atmospheric circulation etc, affecting it. Further there is a challenge of information gathering, and relating information. Prediction fails because of lack of understanding of associated weather phenomenon, like El-nino and Indian ocean dipole, which are associated with moos monsoon. Institutional challenges like lack of international cooperation in info. straring, lack of human resource and technological capabilities also makes predictions inaccurete on la.

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Shifting completely to dynamic model will not solve the problem. It might improve the allost sterm accuracy of immediate events but accuracy of long term # prediction is difficult to achieve because of complexity of monsoon. IND cannot completely shift to dynamic modet, but it has to use both the exciting model and dynamic mobel to improve prediction. Further it requires investment in RnD, satellite technology etc and improvement in human resource and international collaboration with contries of indian &pacific ocean region

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11. The Compensatory Afforestation Fund Bill would require to work along with the Forest Rights Act in order to achieve the aims of environment protection while also ensuring rights of the tribal people. Comment. जनजातीय लोगों के अधिकारों को सुनिश्चित करते हुए, पर्यावरण संरक्षण के लक्ष्यों को प्राप्त करने के लिए प्रतिपूरक वनीकरण कोष विधेयक को वन अधिकार अधिनियम के साथ समन्वय की आवश्यकता होगी। टिप्पणी कीजिए। CAMPA find bills of creates national and state afforestation fund authority to use collected CAMPA finds for afforestation program. CAMPA bill total considers Net present value of posests which includes reological value of jorest as well. This bill anne to restore ecological value and wildlife of prests. Jet, this bill fails to acknowledge the loss of prest inhabitants and tribal people. There is a need top CAMPA bill to work along the prest rights act because:-1) The forest rights act guarantees community right of ourrevelip to forcots. Thus CAMPA - a should serve as a rehabilitation mechanism for displaced tribals and forest community

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Chy reports highlight the incapacity of state to undertake offerestation. Thus it becomes imperative to use the tribal community for regimenation and reforestation This also improves social accountability of authorities.

(3) Forest rights act empower promoable over forest resources, while AMPA bill makes porest bureaveracy. This is against the policy of minimum yout and more mum governance. It also & restricts decentralisation and participatory democracy. These arguments highlights the importance of involving forest community, gram sable et for proper implementation of CAMPA funds.

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12. It has been argued that India's strained patent protection and IP administration has failed to keep pace with growing technological advances. In this context, examine the provisions of the new Intellectual Property Rights (IPR) Policy, 2016. Also explain how the new policy can help boost innovation and entrepreneurship in the country. यह तर्क दिया जाता है कि भारत का विकृत पेटेंट संरक्षण एवं बौद्धिक संपदा अधिकार प्रशासन वस्तुतः विकसित होती तकनीकी प्रगतियों से तालमेल बैठाने में असफल रहा है। इस संदर्भ में, नई बौद्धिक संपदा अधिकार (IPR) नीति, 2016 के प्रावधानों का परीक्षण कीजिए। साथ ही व्याख्या कीजिए कि नई नीति देश में नवोन्मेष और उद्यमिता को बढ़ावा देने में किस प्रकार सहयोग कर सकती है। Indian has also remained compliant with WTO negotiation - Trade related aspects of IPR (TRIPS). Yet lack of capacity, poor implementations of laws, lack of awareness among people has strained Indias patent protection and IP administration. Further development of technology as outpaced an administration and lanes. Neve IRR policy makes following provisions to address this problem;-1) It creates provision for generisating avareness of the IPA laws in the country. (2) It ensures that India laws are compliant with TRIPS agreement. Thus it allows for a India's sovering Call us : 9650617807, 9968029039 Call us : 9650617607, 05000 Blog : www.visionias.wordpress.com Page 34 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com his document is personalised for Anmol Jain(anmoljain380

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eight to use section 3-d in case of wergreening of patents and use compulsory licensing. 3 Policy ensures speedy grants of patents for - Thus it promoles innovation innovation 4 entrepreneurship (Policy mandates international collabortation to address the issue of technology Transfer in case of climate drange and other negislation Thus this policy ensures a stable and predictable IPP mechanism that will attract global investment in India. It will also promote domestic innovation. IPR policy compined with start up and stand up India, Meke intudia, Atale innouetion mission will boost indias growth and and create neue employment feichties

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13. Though the frequency of both droughts and floods has increased in many states of the country, the preparedness level for mitigating their impacts still has significant gaps. Discuss in the context of India. यद्यपि सूखे और बाढ़, दोनों की आवृत्ति देश के कई राज्यों में बढ़ी है किंतु उनके प्रभावों को कम करने हेर्तु तैयारियों के स्तर में अभी भी एक बड़ा अंतराल विद्यमान है। भारत के संदर्भ में चर्चा कीजिए। India is writnessing both droughts and floods at the simultaneously in different geographic regions. Yet the preparedness level for mitigation are insufficient This because of:-() lack of Inter-state and Center state collaboration and information sharing. This is evident from lack of funds by center to mitigate droughts of 2016. (2) Lack of planning and faulty gout policy: - promotion of sugar care farming in maharastra has led to overemploitation of water. - provision of free water and electritity promotes exploitations and over use of groundemeater. 3 Absence of water management systems and agin water harvesting: Visit us : www.visionias.in Call us : 9650617807, 9968029039 Email : ajay.visionias@gmail.com Blog : www.visionias.wordpress.com Page 37 of 60

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This leads to wastage of rain water and doesn't allow replinishment of groundwater (4) construction of dams has war increased the chances of flood. Further construction in so flood plains and so occar love lying water bodies has led to urban flooding Black of coordination between National, state and local disastermagement authorities the (Spreading awareness to check misuse of water is not these. • Collaboration between forecasting and resoure operation is absent in case of floods. This leads to delayed responses (Drought mitigation strategy of drought proofing, rain water harvesting and provision for alternate source of employment or not adequate. Thus India needs an orechand of cristing mitigations mechanism. India should forces also focus on mitigation aspect of

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Don't writ anything VISION IAS" margir (इस आय कुछ ना कि In view of the high levels of inequality in India, it is imperative to not only broaden access to education and health but also financial services. Discuss. Also highlight the efforts made by the government in recent times to 14. address inequality by promoting financial inclusion. भारत में असमानता के उच्च स्तरों को देखते हुए न केवल शिक्षा और स्वास्थ्य बल्कि वित्तीय सेवाओं तक पहुँच को भी विस्तृत करने की आवश्यकता है। चर्चा कीजिए। साथ ही सरकार द्वारा हाल ही में वित्तीय समावेशन को बढ़ावा देकर असमानता को कम करने के लिए किए गए प्रयासों पर भी प्रकाश डालिए। Financial inclusion can be defined as providing firmicial facilities like credit, saving, regument, etc et to the entire population. It is as important as providing education and health facilities to tackle inequality. India needs to broaden access to education and health, to achieve this endevous financial the inclusion has a role to play. Firancial inclusion vill provide basic financial sorvices by the gout to people - like MGNKEGA payment, DBT of subsidy etc. This will ensure financia stability and therefore stop tackle child labour etc. Financial services vill improve redit facility which could savings and Call us : 96506176617 condenses.com Blog : www.visionias.wordpress.com Page 40 of 60 Call us : 9650617807, 9968029039 Visit us : www.visionias.in Email : ajay.visionias@gmail.com

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then be used to in agriculture as investment. This will ensure food security and infronce producturity and farminaome. It will also allore entreprenuership in everal areas - that will generate employment. Financial inclusion vill resue villagers from exorbitant rates of redit and perpetual indebtedness. This will prevent them from the distress migration and bonded lebour. Efforts made by gout for financial inclusion : -O PM Jan Dhan yojana: opening bankalc DBT cash transfer by using JAMtrinity ie bank alc, Adhaar and Mobile. 3 Diversification of banks - payment and Amall banks (1) Use of technology - Unified payment @ Insurance scheme - & fasal bina yojana and other life and accident insurance scheme interface, Rulard, Visit us : www.visionias.in Email : ajay.visionias@gmail.com Call us : 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 41 of 60 lain(anmoljain38@gmail.com)

Don't write 759 anything this VISION IAS (इस भाव में कछ ना लिखों) 15. Examine the need for indigenization of the defence industry in India. While highlighting its challenges, analyse how the new Defence Procurement Policy (DPP) and relaxations in FDI norms can address these challenges. भारत में रक्षा उद्योगों के स्वदेशीकरण की आवश्यकता का परीक्षण कीजिए। इसकी च्नौतियों पर प्रकाश डालते हुए विश्लेषण कीजिए कि नई रक्षा खरीद नीति (डिफेंस प्रोक्योरमेंट पॉलिसी-DPP) एवं FDI मानदंडों में दी गयी छूटें इन चुनौतियों को किस प्रकार संबोधित कर सकती हैं। Indigenisation of defenece industry is important for self-self reliance. Further it is needed for:-1) Political reasons. - to have independent foreign policy - reduce dépendence on other nations tens D'Economic reasons. - importing defence equipment leads to trade deficit and urrent account deficits. It leads to depletion of forex reserves thus could result. another BOP visios - Costly imports reduces the fixed capacity of gost to spend in social security 3) the social reasons.

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16. Digital technologies have the potential to dramatically transform higher education. Giving a special emphasis to MOOCs, analyse the statement in the context of India. डिजिटल प्रौद्योगिकियों में उच्च शिक्षा को नाटकीय ढंग से रूपांतरित करने की क्षमता है।

MOOCs पर विशेष बल देते हुए, भारत के संदर्भ में इस कथन का विश्लेषण कीजिए।

ligital technology in education has æ profound impact. It vill helpin creation of an environment where quality education is definered at a very love & cost. Thus it improves the fiscal cost of education for yout Massive open online courses could transform education, this can be understand by following: 1) Firstly it is scalable for a large population. It will provide similar quality education to all section of society. Thus it would transcend economic and social barriers. 2) MODG will be open for all. It will be affordable Online courses will allone for Call us : 9650617807, 9968029039 Visit us : www.visionias.in Email : ajay.visionias@gmail.com Call us : 96500 (1968) Blog : www.visionias.wordpress.com Page 46 of 60

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discussion, expert opinion etc (3) It will offer a wide range of courses from teachers training to college courses. But there are certain challenges to use MOOCS. and digital divide 1) Digital illiteracy is high in the country 2) Digital infrastructure is lacking. poor infrastructure leads to inaccessability. 3) Lack of avareness Gout scheme of Bharat net, digital udia mission are to address these challenges and exploit the potential of ICT in education Visit us : www.visionias.in Call us : 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 47 of 60 Email : ajay.visionias@gmail.com

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17. The Civil Aviation Policy 2016 would help in building a more modern, safe, secure and sustainable aviation industry while also boosting regional connectivity and tourism. Discuss. नागरिक उड्डयन नीति, 2016 अधिक आधुनिक, सुरक्षित, सुदुढ़ और संधारणीय विमानन उद्योग को विकसित करने में सहयोग करेगी और साथ ही क्षेत्रीय कनेक्टिविटी और पर्यटन को भी बढ़ावा देगी। चर्चा कीजिए। Civil awation poticy 2016 is to revie the aviation holisty. It has following provisions:-It to cape the cost of certain type of journeye 2 It promotes regional connectuity by stressing on no-fill anports and revival of PPP arrangement. 3 It abolishes 5/20 rule to create a level playing field for neve players. It allous for competition in Industry (9) It tries to address the problem of high , maintenance cost of carries by incentivising development of repair facilities in India. This reduces the cost paid to outside India. Visit us : www.visionias.in Call us : 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 49 of 60 Email : ajay.visionias@gmail.com

VISION IAS It stresses on regional connectivity by & focusing on regional cooperation (5) It stresses on in open xky. This policy ensures tourism by improving connectivity in north east and in ked the se indran subcontinent. This can be interlinked with Swadesh darshan, Prasad and HRIDAY scheme It so ensures safe, secure and moustainable aviation by allowing private player to enter and by reviving PPP. This will lead to competition. Further GAGAN project uses satellite to momention for navigation Regional connectivity is boosted by love rost of ticket and opening of nofill airports . to Call us: 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 50 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com

18. What is the significance of start-ups for Indian economy? Critically analyse the provisions of "Start-up India" program and the challenges that lie ahead in its effective implementation. भारतीय अर्थव्यवस्था के लिए स्टार्ट-अप्स का महत्व क्या है? 'स्टार्ट-अप इंडिया' कार्यक्रम के उपबंधों एवं इसके प्रभावी कार्यान्वयन में आने वाली चुनौतियों का आलोचनात्मक विश्लेषण

कीजिए। start-up have a capacity to solve following problems face by Indianeronomy. I generate employment to tackle the Job less growth of our economy. 2) Create innovation, invest in RnD to boost India's technological modernisation 3 Revive the manufacturing industry. Indian manufacturing policy wants it contribute 25% of GDP. (4) Innovation in agriculture are needed to improve production, provide backend and forward linkage to farmers, seed development etc. 3 India needs eural industrialisation and entrepremiers to check distress migration & India needs development of technology to Call us : 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 52 of 60

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deliver low cost but quality education, healthcare and financial services start up India schemes tries to create an enabling environment by :-1) Improving ease of doing business D By providing vidit and venture capital to start ups. Oby giving tax exemption (3) by linking various gout schames like Make in India, Skill india mission, Atal innovation mission with start-up/nda. But there are certain challenges also: Indian start ups are extensively focused on urban population. This scheme has not been able to attract startups in rural areas and agriculture. (2) Funding provided is not sufficient for Indian start up mounting. 3) Regulatory surroument is not good. High taxation forces companies to shift to abroad — as done by fliphort. Visit us : www.visionias.in Call us: 9650617807, 9968029039 Email : ajay.visionias@gmail.com Blog : www.visionias.wordpress.com Page 53 of 60

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19. What do you understand by methanol economy? Discuss its environmental and economic advantages. How does methanol compare with other new generational fuels such as ethanol and hydrogen? मेथनॉल अर्थव्यवस्था से आप क्या समझते हैं? इसके पर्यावरणीय और आर्थिक लाभों की चर्चा कीजिए। नई पीढ़ी के अन्य ईंधनों यथा इथेनॉल और हाइड्रोजन से मेथनॉल की तुलना कीजिए। Methanol economy uses methanol as a measure of energy storage, transportation as fuel and rave material. It replaces hydrogen, ethanol we and fossil juels. It has following advantages for environ -mont and economy:-I It is has polluting as compared to @ It generates less GNG, this checks Ctimate change and global warming 3 It refuces the reliance on oil and gps. Thus reduces the import bill, trade deficit and current alc deficit. (9) It leads to sound economic decision making in international trade by resolving the distortion created due to Visit us : www.visionias.in Call us : 9650617807, 9968029039 Email : ajay.visionias@gmail.com Blog : www.visionias.wordpress.com Page 55 of 60

VISION IAS कुछ ना कि Advantages over hydrogen and ethend:) It is easy to store, transport and use & methanol 3) It exduces the cost to develop hydrogen storing system. Quer ethand) It has more calorific value than 2) It is easier to produce, store and transport att methanol Thus methanol economy could. transform the human society by reducing our carbon footprint. Call us: 9650617807, 9968029039 Blog : www.visionias.wordpress.com Page 56 of 60 Visit us : www.visionias.in Email : ajay.visionias@gmail.com

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- Differentiating between Augmented Reality and Virtual Reality, explain why 20. it is argued by many that these technologies are not just about gaming but can change our lives. आग्मेन्टड रियलिटी और वर्चुअल रियलिटी (संवर्धित वास्तविकता और आभासी वास्तविकता) के बीच अन्तर स्पष्ट कीजिए। व्याख्या कीजिए कि अनेक व्यक्तियों द्वारा यह तर्क क्यों दिया जाता है कि ये प्रोद्यौगिकियाँ केवल गेमिंग के लिए हीं नहीं हैं बल्कि हमारे जीवन को परिवर्तित कर सकती हैं। Augment reality is a feature were virtual interface uses the real world scenerios. Ex pokemon go. " Virtual reality is a feature were virtual interface encompasses reality, thus the virtual world is experienced as real eg:- VR by google. These technologies are not just about gaming the but can have drastic impart on our lives. This can be understood ley: -) Augmented reality could kelp in planning an ef cities, hotels, houses, furniture etc. It presents a real like situation thus improves decision making Call us : 9650617807, 9968029039 Visit us : www.visionias.in Blog : www.visionias.wordpress.com Page 58 of 60 Email : ajay.visionias@gmail.com

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2) Virtual reality could be used by doctors and students to better understand 3) The functioning of human body. 3) The could also be used in education by providing to simulations of various conditions. Thus it could help in better understanding of physics, biology, space, architecture, invironment etc. 3) These platforms can help in training of police, counter terrors forces etc. Thus these technologies could be used for betterment of human life. governments could use technology to improve their services to citizen.

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