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MGPEA010295**ForumIAS**  
ACADEMY**GENERAL STUDIES**

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Time Allowed: Three Hours

Maximum Marks: 250

INDEX TABLE			INSTRUCTION
Q. No.	Max. Marks	Marks Obtained	<p>1. Do furnish the appropriate details in the answer sheet (viz. Name, Email, Roll No, Mobile).</p> <p>2. There are TWO Sections. Each Section has TWO topics printed in English and Hindi. You have to write on 1 topic from Each part.</p> <p>3. One question in each part is compulsory.</p> <p>4. The number of marks carried by a question/part is indicated against it.</p> <p>5. Answers must be written in the medium authorized in the admission Certificate, which must be stated clearly on the cover of this Question-Cum-Answer (QCA) Booklet in the space provided.</p> <p>6. Word limit in questions, if specified, should be adhered to.</p> <p>7. Any page or portion of the page left blank in the Question-Cum Answer Booklet must be clearly Struck off.</p>
Q.1			
Q.2			
<b>Total Marks:</b>			
<b>Remarks:</b>			
<b>Start Time </b> 2:30 PM		<b>End Time </b> 05:30 PM	
<b>Mode Of Examination :</b>		Online <input checked="" type="checkbox"/> Offline <input checked="" type="checkbox"/>	
<b>ECN CODE:</b>		<b>Evaluation Date:</b>	

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**MARKING SCHEME**

<i>Parameter/Criteria</i>	<i>Aspects Considered</i>	<i>Total Marks</i>	<i>Essay 1</i>	<i>Essay 2</i>
<i>Basic Format</i>	Introduction + Conclusion	10		
	Body	15		
<i>Content</i>	Data/Facts/Interpretation/ <u>Analysis</u>	25		
<i>Organisation</i>	Flow of ideas/ <u>Absence of</u> Deviation from the topic	25		
<i>Language Skills</i>	Punctuation/Grammar/ Sentence Formation/Spellings	<u>25</u>		
<i>Examiner's Discretion</i>	Perception/ Innovation/ Engaging	<u>25</u>		

<i>Parameters</i>	<i>Very Good</i>	<i>Good</i>	<i>Average</i>	<i>Poor</i>
<i>Coherence</i>				
<i>Language</i>				
<i>Handwriting</i>				
<i>Pre-writing</i>				

<i>Very Good</i>	<i>Good</i>	<i>Average</i>
120 and above	100-120	Below 100



## SECTION - A

1. Water crisis: Not just meteorology but mismanagement.
2. The fight against malnutrition: policies and pitfalls.

### Scenario: 1.

Sudeeptha dhansayan, a young lady from Madurai, has come back from USA to meet her ailing grand mother. After reaching her native village, she knew that water is not available in entire Tamil Nadu since last one week. A young engineer from Madurai, felt astonished after knowing this prevailing water scarcity situation in South India. Her grand-mother had to face a plethora of challenges, ~~before, finally~~ <sup>till,</sup> when Indian railway brought water containers to Tamil Nadu.

### Scenario: 2

Renuka devi, a widow, from a village from champanan, is stuck

inside her house since last 3 days due to heavy rain in her area. Nobody has predicated such a heavy rain, when the entire city was burning due to temperature of 45c since the last few weeks. She is also facing the same water crisis, but here the problem is 'plenty of water', contrary to the previous problem.

In the above example, it is clear that Sudeeptha is facing problem due to lack of water, whereas Renuka devi is stuck due to plenty of water. It shows that water crisis is not just a metereological issue, but it is very much caused by ~~dependent on~~ the gross mismanagement of water = a social resource.

In this essay, we will

Examine, what is water crisis and analyze the reason behind it. Then, we will evaluate the how water crisis is getting aggravated due to social, political, cultural reason and in the end, we will try to find what should be our future course of action.

### Water crisis: Meaning.

Niti Ayog in its "Water Composite Management Index" has highlighted that around 25 major Indian cities are facing serious water issues by 2030.

UN-Water Commission has also highlighted top 20 cities who will face deep water problem and Chennai and Bangalore are one of them.

Water crisis is defined as

as a situation, where we are either facing scarcity of water, which is impacting our sustenance, or availability of extra water such as flood, cloud burst, glacial outburst lake etc.

Water is one of key reason for human survival and it is one of key factor for living a dignified life. (Article 21)

Causes:

Water crisis: Dimension and Cause

Water crisis is a situation which is created both - Meteorological and anthropogenic reasons.

Meteorologically, the global warming has a visible impact on changing weather pattern,, situations like El-Niño, reversal of walker circulation has a negative

impact on Indian monsoon, which has a significant impact.

But there is a large consensus (~95%) that human endeavour is impacting ever aspect of water — ground water and rain water management, quality of potable water, decline in water availability etc.

Historically, one of the prominent reasons for disappearance of Indus valley civilization is traced as, shift in the River pattern of Saraswati as well as decline in potable water. Other prominent kingdoms Mauryan, Satavahans, Gupta understood the role of water and they created ponds and other rain water harvesting mechanism. Today also, we can see such large balois in Delhi, Gujarat and other part of world.

~~However~~  
 However, In modern time due to gross mismanagement of water, in spite of advancing so much in technology we are at cusp of water crisis.

Socially water crisis is affecting farmer in worst way possible. Today also more than 50% farmer are monsoon dependent. It causes gross effect on their income. It led to decline in their productivity and causes many issue such as farmer suicide etc.

No, doubt our government has started many farmer specific initiative such as: - PM-KISAN, PM-CAP insurance scheme, e-NAM etc. to control the productivity, but they are reactive measures.

Farmer cropping pattern is playing a huge role in aggravating this issue. states like Tamil Nadu, Karnataka, Maharashtra etc is water scarce, but they are growing



Paddy and it reduce the ground water. There is a urgent need to address this and dire need to decide cropping pattern on agro-climatic mechanism.

Industrial sector, is also playing a critical role in enhancing water crisis. untreated industrial effluents is directly discharged in water and it cause increase in the minerals like Cadmium, Uranium, Arsenic etc. It has an adverse impact on human health and also plant and livestock. In addition to this it impact the water-cleaning microorganisms leaching of this contaminants, make ground water unpotable.

Recently Delhi government is treating such industrial discharges in Okhla Sewage treatment Plant and selling it to UP government.

UP government will use this treated water for agriculture and sell the potable water to Delhi. Innovation like this is the need of hour.

Our cultural habits also play a significant role in wasting our water tendency. If we tweak our small habits such as closing the tap when not using, using shower than tap water, close the tap while brushing the teeth etc can add a high ~~impacting~~ value in controlling water crisis.

Environmentally, also, poor mismanagement of wetland, joint pollution which led to eutrophication of river and usage of microplastic is affecting the ground water and reducing water potable.

Politically, also, water crisis is caused due to gross mis-governance.  
 water is a state subject and Every State is tackling water management issue in silo. Recent Cauvery dispute Between Tamil-Nadu and Karnataka is a great example, how top government Structure ~~water~~ Perceive water issues.  
 There is no convergence between States and Centre-state on the water crisis issue and it is mocking the basic ethos of Co-operative Federalism.

Water crisis: steps to tackle it

water is the most important component of Human life. Every human being is entitled to have clean, pure and potable water.

Mihir Shah Committee in his comprehensive water management report has suggested that water issue should not be seen in silos and

all the water managing body such as Ground water, Surface water etc. to be merged to form a unified water management body.

It also suggested moving water in concurrent list and wide consultation and coherence is needed among state and centre.

when it comes to issues like water management. Platform like Inter-state Council and Niti Aayog should be utilized to make consensus on collaborative mechanism.

India should also take help from the allies such as Israel, Norway etc. to develop

Water treatment facility and desalinization of ocean water. This international co-operation will go long way in utilizing our huge coastal water:

Industries should be encouraged to follow water strict treatment guidelines in letter - e - spirit and they must not discharge it in River at any cost.

India which is net exporter country, should look up for diversification of food Basket

Horticulture products and water resistant crops are better alternative to coarse cereals such as wheat and paddy. It will reduce the water stress and also provide better price - alternative. New modern

agriculture such as zero Budget Neutral farm (ZBNF) and organic

Farming are the steps in right direction.

In addition to this, India has been blessed with various perennial and seasonal river. It is the right time to explore the possibility to interconnect these rivers to create a River grid it must be explored through various meteorology, environmental and social impact dimension before proceeding.

our current PM has also highlighted the importance of Rain harvesting in fighting with water crisis - currently, we only harvest 8% rain water and there is a huge potential. We are in also in the process of a Jan andolan "Nal se Jal" which will definitely help in tackling this issue in comprehensive way.

Finally, we can say that entire human community felt Jubilant, when NASA confirmed the Chandrayan-1 finding of presence of water on Moon. Indeed, it is an opportunity to be happy, but it also highlights the challenges attached with water crisis.

Water crisis is not just meteorological phenomenon, it is indeed a gross mismanagement done by our human community. We all as a community, must understand the gravity of situation and work hard in collaborative way to tackle this mammoth task.

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Feedback

Feedback to be provided in terms of (1) Introduction (2) Sentence Constructions (3) Paragraph Formation (4) Legibility (5) Deviation from Topic (6) Coverage of dimensions (7) Simplicity / ease of reading





## SECTION - B

1. Small deeds done are better than great deeds planned.
2. If you tell a big enough lie and tell it frequently enough, it will be believed.

Ankush Goyal, a young IAS officer, currently working in a hinterland of telangana. He has recently joined his district ~~in as a~~ his first posting. His father is searching for a beautiful bride for him, but also demanding a huge dowry for his son. Initially, Ankush protested about dowry, but later accepted his father's wish.

There is another young boy, Rohit, who hails from a poor family of Rohtak. Rohit is a primary school teacher. He also faced similar dilemma and in the end he took a very stern action against dowry.

Here, we see that how a Young boy irrespective of his acumen and Societal position succumb to the pressure, on the contrary a Primary school teacher found his way out. It might be possible that Ankush is a fine officer and in future can bring huge impact on society with his ideas and innovative administration. But, Rohit by his action Showcared that " Small deeds done are better than great deeds planned"

In this essay, we will examine understand, what is planning and action and then we will evaluate their significance through various examples and in the end, we will discuss the interrelationship between them.

Planning & action: Meaning

The debate between the significance of thinking and action, is the basis of evolution of normative philosophy. Thinking is a way to identify what exactly you want. It is like a brush which is used to paint a picture of your thinking. You can do whatever you want, it will expand as per your analysis and your Unbridled Perspective.

On the contrary of thinking, Action is about executing your plan. Action is not only dependent upon your individual ability but it is also determined by external factor such as social dimension, political dimension, cultural dimension,

In the previous example even though Ankush wanted to deny down but he agreed due to Societal and Parental pressure.

In the field of philosophy, planning is ~~also~~ all about world of ideas, where action is about world of reality.

evaluation of Importance of thinking & Action ~~planning~~

Thinking and action both are important dimension of any action. for example: Paleolithic human, might have produced fire by coincidence but after carefully thinking, they would have understood its usage, and role in clearing forest, cooking food etc, and this thinking only led to a settled human life, which ultimately paved the path of civilization.

In Mahabharata, when Arjuna was confused and perplexed, about fighting against his own brother, then only lord Krishna

told him the importance of Nishkama Karma i.e. action without thinking ~~about~~ too much about Result.

Practical manifestation of your unbridled

Thinking ~~thing~~. Most of time a planner see an utopian picture and it is action which <sup>ultimately</sup> makes it reality.

Historically, Sati and ~~many~~ widow conditions were too acceptable Societal features. However ~~for~~ Social-Reformist like Raja Ram Mohan Roy, Udwar chandra vidya Sagar, thought a society free from Sati and widow ill-treatment. It only after their constant effort they achieved their target.

Lofamudra, Jangi etc, were the greatest debates of Rig-vedic times. They dreamt of a society where knowledge is worshipped and not the gender. They achieved what

they dreamt of through action when Gandhi Ji thought idea like non-violence, satyagrah, and Swadeshi. The entire doubted his ideology, but Gandhi Ji, with a stick, a dhosi and a charkha defeated the modernised English army. He became an inspiration for later great leaders such as Martin Luther King Jr. (Civil movement), Nelson Mandela (South Africa).

In Economics, too we see many critical thinkers, who through his action has made an huge impact. Karl Marx, never, hold a gun but with his idea of Marxism his motivated Lenin, Mao etc, who through their effort lived his ideology. The iPad maker "Steve Jobs" is ~~an~~ a great example of unbridled thinking and action. He was a man with vision, who through his

action, revolutionized Computer Industry, mobile Industry and music Industry.

Similarly, entrepreneurs like Elon Musk, without any background of space industry, established one of the most innovative company i.e. "SpaceX". He used his vision and action to launch reusable rockets and in the process of fulfilling his dream of sending humans on Mars.

In governance field too, we have seen great administrators such as E. Shreedharan, M.S. Swaminathan, Vignesh Kumar, Vinod Rai, Ashok Chandra etc. who first thought about vision of New India and then dedicated their life to that vision. Their role in revival of Metro, making a food secure nation to food surplus, bringing

food revolution and showing their impeccable integrity is greatest feat to achieve.

In the era of politics, too, Abraham Lincoln dreamt a world free of slavery. Slavery was a common norm at the time of Lincoln and it is his unbridled dedication that he ended slavery. Nehru's trust with destiny, Martin Luther King Jr's idea of Black<sup>night</sup> movement etc show ~~how~~ the importance of ideas and role of efforts in achieving this.

### Inter-relationship Between Thinking & action

with the above example, it is imperative that planning and action both are needed for making any decision effective. Action without plan or Plan without action is will not be fruitful. It is



expected that before taking any action, we need to understand the 360°-view about that action, but in the end all that matters is how do you execute that. Even, if, you are best Strategist, the real action will determine the Success.  
for example, No matter, how a team for cricket world cup has planned, but the real result will be determined by the Co-ordinated and Collaborative effort of those all players on field. But their Success or failure is all inclusive of every members of team-management.

In Indian context, we are in dire need of small deeds rather than great deeds Planny.

Even though we are dreaming of being Sharvesthra Bharat by 2050 but we need to understand that our Society is still facing

through Problems like - Downy,  
female foeticide, Gender discrimination,  
son-meta Preference, Missing women-etc

However, Success in Schemes like -  
Beti-Bachao, Beti-Padhas, Swachh  
Bharat scheme, Ayushman Bharat etc

Shows that small deeds done in  
 co-ordinated Community driven way  
 can have a multiplier effect.

It also needs to identify  
 these small deeds and go <sup>with</sup> full  
 action and zeal towards it.

Anukush, co-ordinated effort towards  
 downy could have been angered his  
 father, but it would have positive  
impact on society around it.

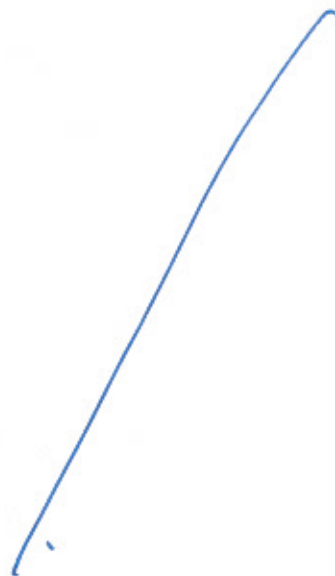
This one example shows that  
 small deeds too have multiplier effect

Internationally, too, India's  
 Policy of NAM (non-alignment) No-tiser

use etc. Shows India's small deeds in fulfilling his duty towards its planning of "Vashudev Kutumbakam" currently the global headwinds such as climate change, Protectionism, Xenophobia, terrorism, ISIS fundamentalism etc. need co-ordinated effort among nation. No matter how small India's INDC (Intentionally, -Nationally determined goal) in compare to world requirement, but it is definitely better than USA's approach of no-action. Then small deeds from like minded nation, will collaborate into a powerful force in taming the great problem of climate change.

Finally, we can say that with Ankush, Rohit etc and numerous examples of political leader, Historical figures, social reformist,

and effective Bureaucrat, we can say that Planning and action, both are important dimension of any Human effort on the prime-face. It appears that one is important then other, but on the contrary both are needed to pursue your goal. No deeds is a small deeds which is taken with full effort and co-ordinated planning in order to pursue your dreams.



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## Feedback

Feedback to be provided in terms of (1) Introduction (2) Sentence Constructions (3) Paragraph Formation (4) Legibility (5) Deviation from Topic (6) Coverage of dimensions (7) Simplicity / ease of reading

# Water Crisis: Not Just

Meteorology but Mismanagement

What: Ground water Rainwater

Harvesting Industry Wastay

Causes GN RN Social A-U

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