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GENERAL STUDIES (TEST CODE : 1512)

Name of Candidate	SHRUTI RAJLAKSHMI		
Medium Hindi/Eng.	ENGLISH	Registration Number	483769
Center	ORN	Date	26/11/21

INDEX TABLE

Q. No.	Maximum Marks	Marks Obtained
1(a)	10	
1(b)	10	
2(a)	10	
2(b)	10	
3(a)	10	
3(b)	10	
4(a)	10	
4(b)	10	
5(a)	10	
5(b)	10	
6(a)	10	
6(b)	10	
6(c)	10	
7	20	
8	20	
9	20	
10	20	
11	20	
12	20	

Total Marks Obtained:

Remarks:

Signature of Examiner

INSTRUCTIONS

- Do furnish the appropriate details in the answer sheet (viz. Name, Registration Number and Test Code).
उत्तर पुस्तिका में सूचनाएं भरना आवश्यक है (नाम, प्रश्न-पत्र कोड, विद्यार्थी क्रमांक आदि)।
- There are **TWELVE** questions printed in **ENGLISH & HINDI**
इसमें बारह प्रश्न हैं अंग्रेजी और हिन्दी में छपे हैं।
- All questions are compulsory.**
सभी प्रश्न अनिवार्य हैं।
- The number of marks carried by a question/part is indicated against it.
प्रत्येक प्रश्न/भाग के अंक उसके सामने दिए गए हैं।
- 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. No marks will be given for answers written in medium other than 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 निर्दिष्ट स्थान पर किया जाना चाहिए। उल्लिखित माध्यम के अतिरिक्त अन्य किसी माध्यम में लिए गए उत्तर पर कोई अंक नहीं मिलेंगे।
- Word limit in questions, if specified, should be adhered to.
प्रश्नों में शब्द सीमा, जहाँ विनिर्दिष्ट है, का अनुसरण किया जाना चाहिए।
- Any page or portion of the page left blank in the Question-Cum-Answer Booklet must be clearly struck off.
उत्तर पुस्तिका में खाली छोड़ा हुआ पृष्ठ या उसके अंश को स्पष्ट रूप से काटा जाना चाहिए।

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Delhi- 110009

EVALUATION INDICATORS

1. Contextual Competence
2. Content Competence
3. Language Competence
4. Introduction Competence
5. Structure - Presentation Competence
6. Conclusion Competence

Overall Macro Comments / feedback / suggestions on Answer Booklet:

1.

2.

3.

4.

5.

6.

All the Best

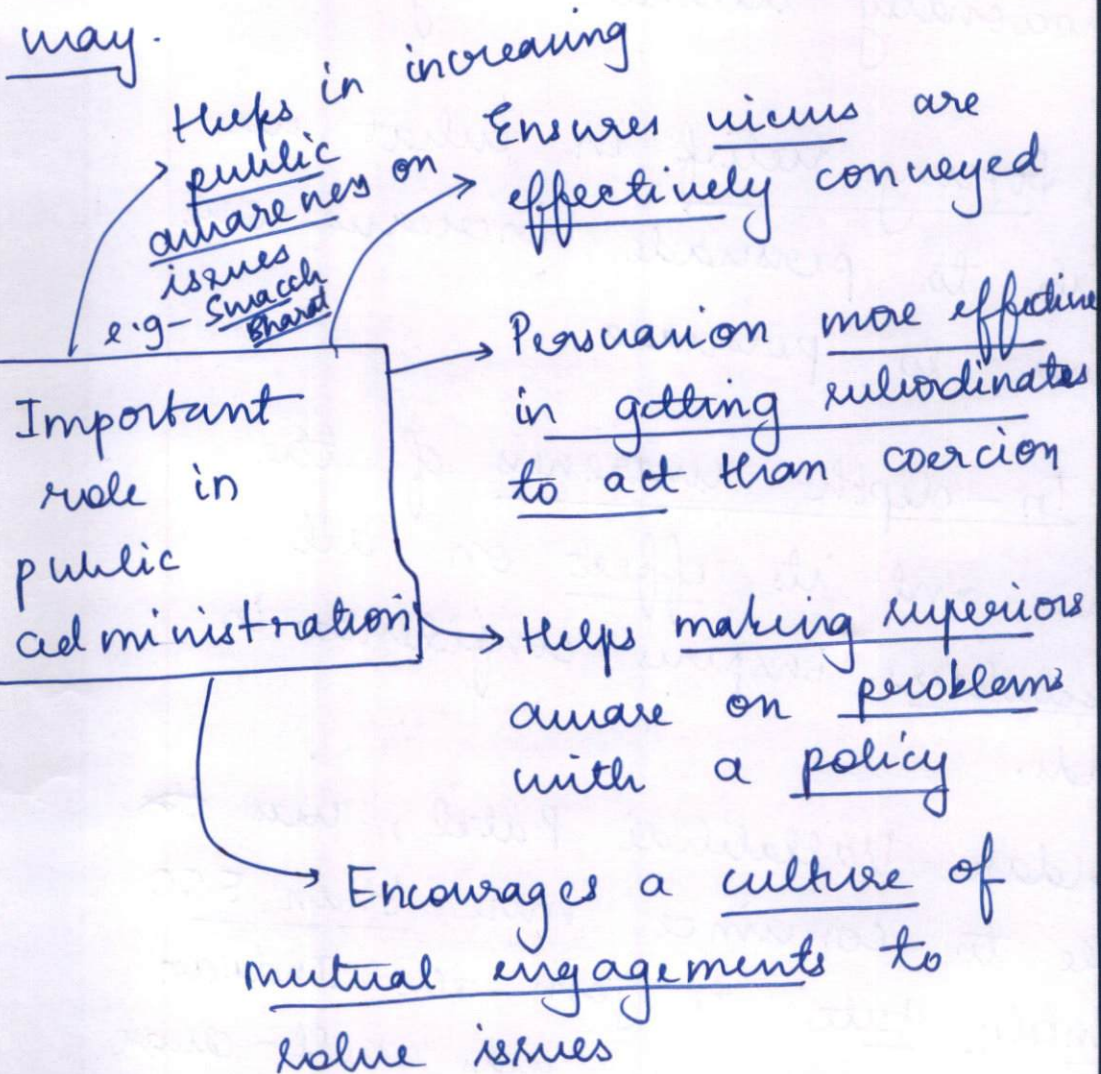
SECTION - A

1. (a) Persuasion plays an important role in public administration. Discuss. Also highlight the various elements of effective persuasion.

(150 words) 10

लोक प्रशासन में अनुनय-विनय (या समझाना-बुझाना) महत्वपूर्ण भूमिका निभाता है। चर्चा कीजिए। साथ ही, प्रभावी अनुनय-विनय के विभिन्न तत्वों पर भी प्रकाश डालिए।

Persuasion is convincing other stakeholders to act in a certain way.



Various elements of effective persuasion

(1) Emotional Intelligence - Ability to manage emotions ensures views are conveyed in an emotionally balanced way

(2) Strong belief in what we wish to persuade increases our power to persuade

(3) In-depth awareness of the issue and its effect on all stakeholders inspires confidence in words.

Sardar Vallabhbhai Patel, was ~~the~~ able to convince more than 550 princely states to join the Indian Union, because he was well-aware of his audience and had deep knowledge of issues.

1. (b) "Never do anything against the conscience even if the state demands it." In this context, discuss the role of conscience in taking ethical decisions in administration. (150 words) 10

"कभी भी अंतरात्मा के विरुद्ध कुछ न कीजिए, भले ही राज्य इसकी माँग करे।" इस संदर्भ में, प्रशासन में नैतिक निर्णय लेने में अंतरात्मा की भूमिका की विवेचना कीजिए।

Conscience is an internal force in our minds, helping us decide between right or wrong.

Role of conscience in ethical decision - making

(i) Conscience has been formed from our childhood experiences, socialisation processes and is hence primary force in taking decisions

(ii) An act, unethical as per our conscience, if performed, will be a source of regret for the performer.

(iii) Conscience ^{helps see the light} ~~is also alone law~~.
e.g. ~~Law may~~ when laws, rules
and regulations are unclear on
a subject

Conscience and State

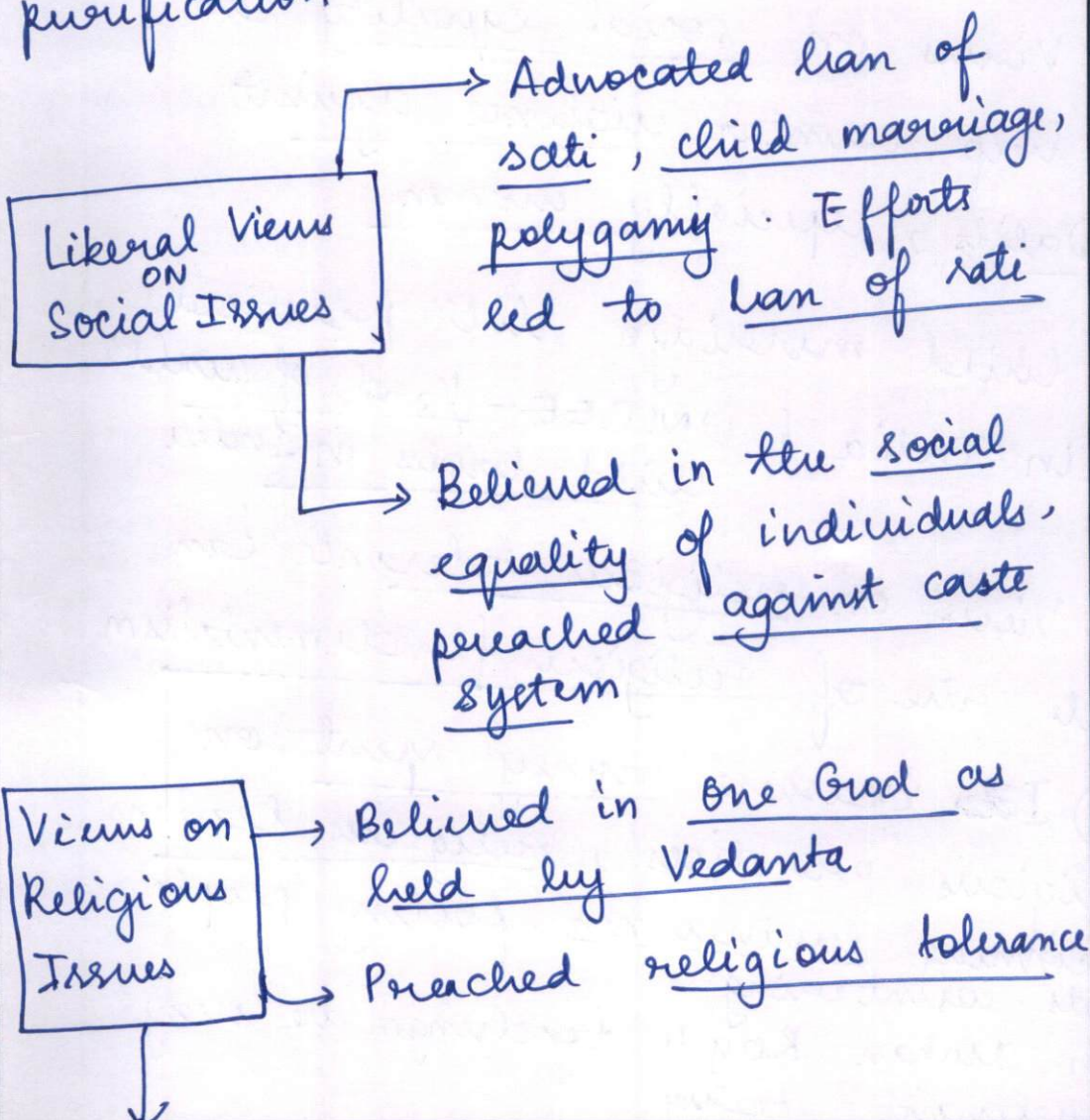
Conscience should be held
above state action ~~as~~ because
at the end of the day, we
have to live with it.

A state may ask his/her officers
to shoot on an unarmed crowd,
as was done in Jallianwala Bagh
massacre, but the action should
be against the conscience of
emotionally healthy individuals

2. (a) Raja Ram Mohan Roy's liberal views on social and religious issues have much relevance in present day India. Discuss. (150 words) 10

सामाजिक और धार्मिक मुद्दों पर राजा राम मोहन राय के उदार विचारों की वर्तमान भारत में काफी प्रासंगिकता है। चर्चा कीजिए।

Raja Ram Mohan Roy, was a social reformer, who lived in the 1820s and found the Brahmo Sabha for social, religious purification



→ Against idol worship, rituals
practices

→ Preached universal religion,
advocated good points of every
religion

Relevance of his teachings

- (1) Views on social equality can
help counter violence against
Dalits, especially women
- (2) Child marriage still practiced
in India (UNICEF - 1/3rd of world's
child brides in India)
- (3) Views on religious tolerance can
curb rise of religious fundamentalism
- (4) ~~Too~~ Excessive money spent on
religious practices, religious leaders
becoming businessmen, poor people
needs countering.
Ram Mohan Roy's teachings are very
relevant today.

2. (b) The moral circle of humanity has been expanding constantly over time. Discuss in this context whether non-human entities should have the same rights as humans beings. (150 words) 10

समय के साथ मानवता का नैतिक दायरा निरंतर विस्तृत होता जा रहा है। इस संदर्भ में, चर्चा कीजिए कि क्या गैर-मानव जातियों के मनुष्यों की भांति समान अधिकार होने चाहिए।

Moral circle of humanity refers to the extent to which morality applies in the society.

Traditionally, applied for the welfare of humans, its dimension have expanded into non-human entities.

Animals, should have the same rights as human being as far as their right to life and habitation is concerned. A recent killing of a dog in Delhi by mercilessly beating it with sticks

is an example of violation of morality. Encroachments in forest lands deprive shelter to them.

On the other hand, plants provide us food, oxygen for life and we still cut down trees to pursue urbanization. 100 million hectares of forest land were lost between 1980-2000 as per Global Forest Goals Report 2021. Plants, deprived of right to protect themselves, have a right to life.

What we need is empathy towards them. We should not do such activities to them that we would not want to be done to us, unless compelling circumstances exist.

3. What do each of the following quotations mean to you?

निम्नलिखित में से प्रत्येक उद्धरण के आपके लिए क्या मायने हैं?

(a) "Each individual is capable of transforming his immediate environment by attempting a radical transformation inside him". – J Krishnamurti

(150 words) 10

"प्रत्येक व्यक्ति अपने अंदर आमूल-चूल परिवर्तन का प्रयास कर अपने समीपवर्ती परिवेश को रूपांतरित करने में सक्षम है।" - जे. कृष्णमूर्ति

J Krishnamurti says that every individual has the necessary ability to change being a change in the society by bringing a change in ourselves.

~~J Krishnamurti~~
If we bring a change in our ourselves, then only our beliefs will have meaning. Gandhi practised truth and non-violence himself,

then only a change was
visible at the level of
society.

Change leads to

3. (b) "True compassion means not only feeling another's pain but also being moved to help relieve it". - Daniel Goleman **(150 words) 10**

"सच्ची सहानुभूति का अर्थ न केवल दूसरों की पीड़ा महसूस करना, अपितु उस पीड़ा से राहत दिलाने में सहायता के लिए आगे बढ़ना भी है।" - डैनियल गोलमैन

4. (a) An important requisite for ensuring probity in governance is absence of corruption. Analyse. (150 words) 10

शासन व्यवस्था में ईमानदारी (प्रोबिटी) सुनिश्चित करने के लिए एक आवश्यक तत्व भ्रष्टाचार का अभाव है। विश्लेषण कीजिए।

Probity in governance means to strongly adhere by own principles and value system while taking decisions.

National Commission for Review of the Working of the Constitution (NCRWC) said that ensuring probity in governance requires absence of corruption

Probity ensured by absence of corruption

(i) Not taking bribe, undue gifts ensures integrity of

character ensuring probity

(ii) Not engaging in issues
where we have conflict of
interest ensures impartiality,
honesty in decision making
e.g. - Recusal by judges

(iii) Not cooing citizens with
unreasonable demands for
monetary benefits ensures smooth
public service delivery while
adherence to our values

Probity is an essential trait
to ensure character of an
individual.

4. (b) The right to information (RTI) and the right to privacy (RTP) complement each other in holding the government accountable to the people, however, in cases of conflict, they can be reconciled keeping public interest in mind. Discuss. (150 words) 10

सूचना का अधिकार (RTI) और निजता का अधिकार (RTP) सरकार को लोगों के प्रति जवाबदेह बनाए रखने में एक-दूसरे के पूरक हैं, तथापि, संघर्ष की स्थिति में, जनहित को ध्यान में रखते हुए उनमें सामंजस्य स्थापित किया जा सकता है। चर्चा कीजिए।

Right to information (RTI)
guarantees information seeked by
individuals on government processes
under RTI Act 2005.

Right to privacy, ensures citizen's
privacy is protected from
state action, as ruled by
K.S. Puttaswamy vs Union of India

RTI and Right to Privacy
complement in holding government
accountable

(i) RTI seeker's privacy protected

by ~~the~~ right to privacy when
seeking information

(iii) Right to privacy prevents
coercion by state against RTI-
filers

Possibility of
Conflict

→ When information
seeked, may violate
the right of privacy
of a public official

How can they be reconciled?

Right to Information should
ensure information on all
possible governance processes,
however it should protect the
private lives of officials as
in Right to Privacy.

5. (a) Explain the ethical issues involved in spending government funds for advertisement campaigns and publicity. (150 words) 10

विज्ञापन अभियानों और प्रचार के लिए सरकारी धन खर्च करने में शामिल नैतिक मुद्दों को स्पष्ट कीजिए।

India is ~~one~~ the highest
spender of funds on elections
as undertaken by political
parties.

If undertaken through government
funds, it becomes an ethical
issue because

(1) Public funds meant for welfare
of public and not advertising
campaigns

(2) Undue advantage to ruling
party, who has to spend less
from its pockets compared to
opposition parties.

(3) Political parties generally over-spend on advertising, controlling spending necessary to prevent public money wastage

(4) Burden on the taxpayer who pays to satisfy the whims of the parties

(5) Crisis for a resource-starved developing countries

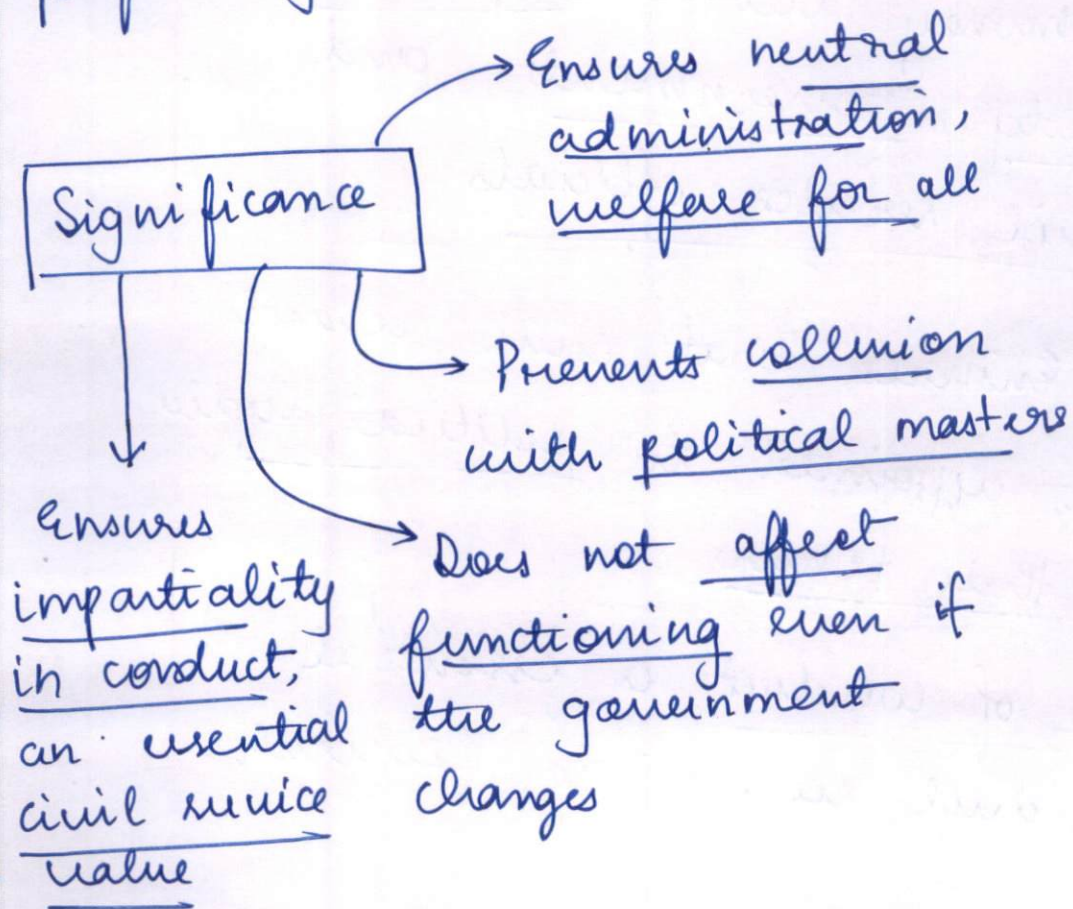
Such issues have led India to not involve public funds in election campaigning or advertising -

5. (b) Explaining the concept of political neutrality, discuss its significance in administration. Also, highlight how the Central Civil Services (Conduct) Rules seek to ensure political neutrality in the civil services.

(150 words) 10

राजनीतिक तटस्थता की अवधारणा की व्याख्या करते हुए, प्रशासन में इसके महत्व की विवेचना कीजिए। साथ ही, इस बात पर भी प्रकाश डालिए कि कैसे केंद्रीय सिविल सेवा (आचरण) नियमावली सिविल सेवाओं में राजनीतिक तटस्थता सुनिश्चित करने का प्रयास करती है।

Political neutrality means to remain aloof from political ideologies, engagements while performing administration.



~~How~~ Central Civil Services
(conduct) Rules ensure political
neutrality through

- (1) Forbidding political party
membership while in service
- (2) Forbidding exchange of gifts,
money between political
party, governments and
civil service officials
- (3) Ensures that civil servants
not appointed to political bodies
in their tenure

Code of conduct is essential
for civil services to flourish.

6. (a) In light of the recurring issues, there is a constant need to search for better ethical frameworks and models of corporate governance. Discuss with adequate examples and evidence in support of your arguments.

(150 words) 10

आवर्ती मुद्दों के आलोक में, कॉर्पोरेट शासन के बेहतर नैतिक ढांचे और मॉडलों की खोज करने की निरंतर आवश्यकता है। अपने तर्कों के समर्थन में यथोचित उदाहरणों और साक्ष्यों के साथ विवेचना कीजिए।

Corporate governance refers to the administration of corporate companies.

Recurring issues

(1) Embezzlement of funds given through banks
e.g. - Mehul Chouksey, Mirav Modi in PNB scams

(2) Use of public money to bail out corporates who lack efficient governance e.g. - YES bank, DHFL

(3) Lack of independent board
of directors leads to unethical
decisions by company head

e.g - Sahyam Scam

(4) Vesting of complete authority
in CEOs, heads

(5) Violation of guarantees of
proper work conditions, working
hours given to employees

(6) Flouting of environmental,
construction norms e.g - Vedanta
copper plant
Tamil Nadu

Such occurrences have led to
demand for an overhaul of
corporate governance structure.

6. (b) Gender inequality begins at home and then gets institutionalised at the societal level. Discuss. (150 words) 10

लैंगिक असमानता घर से शुरू होती है और फिर सामाजिक स्तर पर संस्थागत हो जाती है।
चर्चा कीजिए।

The Global Gender Gap Index
2021 has ranked India
140/156 countries pointing to
sorry state of affairs.

Gender inequality begins at
home

- (1) Female children neglected in
breastfeeding
- (2) Child sees mother working in
the kitchen, father working
out, roles established
- (3) Female child prevented from

playing with cars, only given
dolls, while ~~male~~ ~~girl~~ and
told marriage stories

(4) Education of boys, especially
in science, preferred over girls

(5) Girls leave school after
middle school (only 13.7%
women go for higher education),
married off

Institutionalised
at society
level

→ Do not consider
inheritance

→ Society discourages
women to be
seen outside
homes

→ Encourages early
marriages

↓
Places restrictions
e.g. - temple entry in
menstruation

Countering gender inequality is
necessary to achieve SDG-5

6. (c) Stakeholder Capitalism is suggested as a way forward in wake of social, economic and environment challenges posed by Shareholder Capitalism. Examine the relevant arguments in this debate. **(150 words) 10**

हितधारक पूँजीवाद को शेयरधारक पूँजीवाद द्वारा उत्पन्न की गई सामाजिक, आर्थिक और पर्यावरणीय चुनौतियों के मद्देनजर आगे की राह के रूप में सुझाया जाता है। इस वाद-विवाद से जुड़े तर्कों का परीक्षण कीजिए।

SECTION – B

In the following questions, carefully study the cases presented and then answer the questions that follow (in around 250 words):

7. Mr. X is a renowned Architect. He receives a contract of Rs. 500 crores to design and lead a building project that would not only be an architectural landmark but also involves engineering challenges the solutions for which would change the industry. The building would house the headquarters of a successful company Fictitious Corp. Its chairman, Mr. Y is renowned for his acumen as well as temper. After spending time on the drawing board, Mr. X comes up with an innovative design which in itself is a masterpiece. His office had to lay out the plan and then coordinate with the engineering firms to execute it to perfection. The building is constructed in record time and is praised for its ingenuity and the experts also look at it as an engineering milestone.

After six months of its construction, Ms. Z, a doctoral student of mathematics, visits the building for her work on structural engineering calculations. She has immense respect for Mr. X's work. However, she finds that her calculations do not satisfy the requirements of structural integrity for which the building has been widely hailed. She realizes that the building's structure has a deficiency based on the bolted beams used for structural support; this was inadequate if the impact of vertical winds on the building is taken into account. It not only created a threat for the building and its occupants but also the buildings and people nearby.

Mr. X is informed of these calculations by the student and her supervisor. However, Mr. X, meticulous as he is, has confidence on his work and detailed design. He looks at the issue seriously and spends time on the design. He indeed finds no flaw in his design and also notes that his design entails the use of welded rather than bolted beams. At the time he is negotiating the construction of another building where the issue of welded versus bolted metal beams is a sticking point. Mr. X. prefers welded beams as they are twice as strong as the requirements are. However, the engineering firm responsible for actual construction job and procuring the steel beams points out that double bolted beams are strong enough to meet the requirement, are cost effective and also fulfill the building code requirements. After the meeting Mr. X visits the Fictitious Corp building, and to his horror he realizes that bolted rather than welded beams have been used in the construction of the building. He asks for the design that his office has used after final approval. He notices that indeed the final designs show the use of bolted beams. These beams are classified as trusses which do meet the regulatory requirements but not the structural capacity as envisaged by Mr. X initially. He further enquires and is told that the engineering firm responsible for construction work had also given similar arguments about the sufficiency, cost effectiveness and regulatory

compliance of the bolted beams, which were accepted, and final design was passed by the buildings department. Mr. X goes into isolation and looks at the final building blueprint and compares it with the original. He quickly identifies the repercussions; the city faces a strong cyclone once in 16 years on an average. If such a cyclone was to hit, the building would sway and may collapse on the nearby buildings. He visits the building in the night again and realizes that a relatively small intervention on the 30th floor would resolve the issue. However, this would mean approaching the Fictitious Corp leadership and new construction approvals from the buildings department. It entails an almost certain risk of litigation and his license for practicing structural engineering being revoked.

(a) Identify the most pressing issues? Which ones would you address on priority?

(b) What would be your advice to Mr. X and Mr. Y.? Also, sufficiently clarify the reasons for such an advice. (20)

श्री X एक प्रसिद्ध वास्तुकार हैं। उन्हें एक भवन परियोजना को अभिकल्पित (डिजाइन) करने और उस कार्य पर आगे बढ़ने के लिए 500 करोड़ रुपये का एक अनुबंध प्राप्त हुआ है, जो न केवल वास्तुकला की दृष्टि से एक मील का पत्थर सिद्ध होगा, अपितु उसमें अभियांत्रिकी संबंधी चुनौतियाँ भी शामिल हैं, जिसका समाधान इस उद्योग की रूपरेखा को बदलकर रख देगा। यह भवन एक सफल कंपनी फिक्शियस कॉर्प का मुख्यालय बनेगा। इसके अध्यक्ष श्री Y अपनी कुशाग्रता के साथ-साथ गुस्से के लिए भी प्रसिद्ध हैं। ड्राइंग बोर्ड पर कुछ समय बिताने के बाद, श्री X को एक अभिनव डिजाइन सूझती है जो अपने आप में एक उत्कृष्ट कार्य है। उनके कार्यालय को योजना निर्माण और फिर इंजीनियरिंग फर्मों के साथ समन्वय करना था ताकि इसे पूर्णता तक निष्पादित किया जा सके। भवन का रिकॉर्ड समय में निर्माण किया जाता है और उसकी सरलता के लिए उसकी प्रशंसा की जाती है तथा विशेषज्ञ भी इसे इंजीनियरिंग संबंधी एक उपलब्धि के रूप में देखते हैं।

इसके निर्माण के छह महीने बाद, गणित में डॉक्टरेट करने वाली एक छात्रा सुश्री Z संरचनात्मक इंजीनियरिंग गणना पर अपने काम के लिए इस भवन का दौरा करती हैं। उनके मन में श्री X के काम के प्रति बहुत सम्मान है। हालांकि, वह पाती हैं कि उनकी गणना संरचनात्मक अखंडता की आवश्यकताओं को पूरा नहीं करती है जिसके लिए भवन की व्यापक रूप से प्रशंसा की जाती है। वह अनुभव करती हैं कि भवन की संरचना में कमी है जो संरचनात्मक सहारे के लिए प्रयुक्त बोल्टयुक्त बीम पर आधारित है; यदि भवन पर ऊर्ध्वाधर पवनों के प्रभाव को ध्यान में रखा जाए तो यह अपर्याप्त है। यह न केवल भवन और उसमें रहने वालों के लिए खतरा पैदा करता है बल्कि आसपास के भवनों और उनमें रहने वाले लोगों के लिए भी खतरा पैदा करता है।

छात्रा और उसके पर्यवेक्षक द्वारा श्री X को इन गणनाओं के बारे में सूचित किया जाता है। हालांकि, श्री X को अपने काम और विस्तृत डिजाइन पर विश्वास है। फिर भी, वह इस मुद्दे को गंभीरता से देखते हैं और डिजाइन पर पुनर्विचार के लिए पुनः समय देते हैं। वह वास्तव में अपनी डिजाइन में कोई दोष नहीं पाते हैं और यह भी ध्यान देते हैं कि उनके डिजाइन में बोल्टयुक्त बीम के बजाय वेल्डेड बीम का अपरिहार्य उपयोग किया गया है। उस समय वह एक

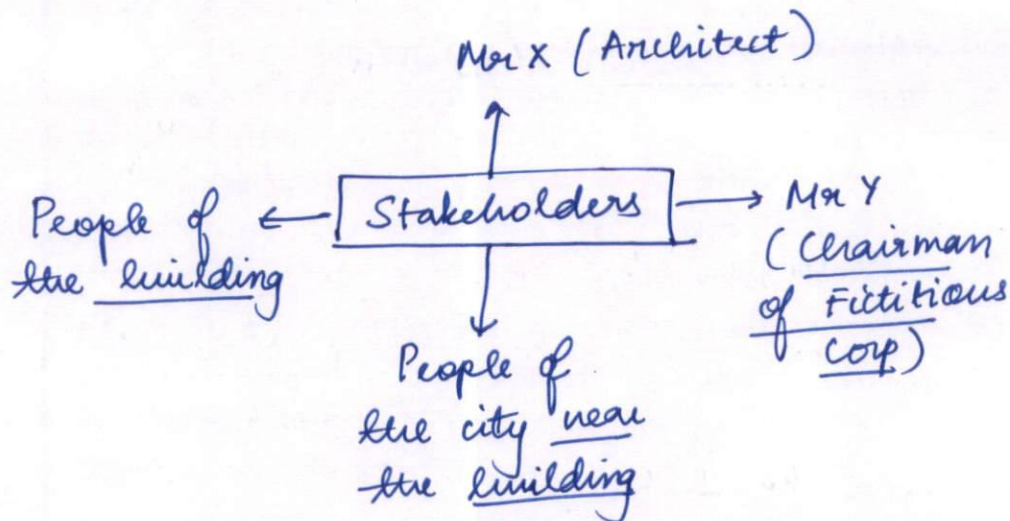
और भवन के निर्माण कार्य पर आगे बढ़ रहे थे, जिसमें वेल्डेड बनाम बोल्टयुक्त धातु की बीम का मुद्दा पेंच फंसाए हुए था। श्री X वेल्डेड बीम पसंद करते थे क्योंकि वेल्डेड बीमों में आवश्यकता जितनी मजबूत होती हैं। हालांकि, वास्तविक निर्माण कार्य और इस्पात की बीम की खरीद के लिए जिम्मेदार इंजीनियरिंग फर्म कहती है कि डबल बोल्टयुक्त बीमों में आवश्यकता पूरी करने के लिए पर्याप्त मजबूत और लागत प्रभावी होती हैं तथा साथ ही भवन-निर्माण संहिता की आवश्यकताओं को भी पूरा करती हैं। बैठक के बाद श्री X फिक्शियस कॉर्प के भवन का दौरा करते हैं और उन्हें अनुभव होता है कि भवन के निर्माण में वेल्डेड के बजाय बोल्टयुक्त बीम का उपयोग किया गया है। श्री X वह डिजाइन माँगते हैं जिसका उनके कार्यालय ने अंतिम अनुमोदन के बाद उपयोग किया था। वह पाते हैं कि वास्तव में अंतिम डिजाइन में भी बोल्टयुक्त बीम का उपयोग हुआ है। इन बीमों को टेक के रूप में वर्गीकृत किया गया था जो विनियामकीय आवश्यकताओं को तो पूरा करती हैं लेकिन संरचनात्मक क्षमता को नहीं जैसा कि शुरू में श्री X द्वारा परिकल्पना की गई थी। वह आगे पूछताछ करते हैं और उन्हें बताया जाता है कि निर्माण कार्य के लिए जिम्मेदार इंजीनियरिंग फर्म ने भी बोल्टयुक्त बीम की पर्याप्तता, लागत प्रभावशीलता और नियामकीय अनुपालन के बारे में भी इसी तरह के तर्क दिए थे, जिन्हें स्वीकार किया गया था तथा भवन विभाग द्वारा अंतिम डिजाइन को पास किया गया था। श्री X एकांत में चले जाते हैं तथा भवन के अंतिम निर्माण ब्लूप्रिंट पर नजर डालते हैं और इसकी मूल डिजाइन के साथ तुलना करते हैं। उन्हें जल्दी ही दूरगामी परिणाम के बारे में पता चल जाता है; शहर को औसतन 16 वर्ष में एक बार प्रबल चक्रवात का सामना करना पड़ता है। अगर भविष्य में इस तरह का चक्रवात भवन से टकराता है तो भवन हिल जाएगा और आसपास के भवनों पर गिर सकता है। वह रात में फिर से भवन का दौरा करते हैं और अनुभव करते हैं कि 30वीं मंजिल पर एक अपेक्षाकृत छोटा सा हस्तक्षेप इस समस्या का समाधान कर देगा। हालांकि, इसका मतलब फिक्शियस कॉर्प के नेतृत्व से संपर्क करना और भवन-निर्माण विभाग से नया निर्माण अनुमोदन प्राप्त करना होगा। यह मुकदमेबाजी का लगभग निश्चित जोखिम अपरिहार्य बनाता है और संरचनात्मक इंजीनियरिंग की प्रैक्टिस करने का उनका लाइसेंस वापस ले लिया जाएगा।

(a) इस प्रकरण में सम्मिलित सर्वाधिक अहम मुद्दों की पहचान कीजिए? आप प्राथमिकता के आधार पर किसे संबोधित करेंगे?

(b) श्री X और श्री Y को आपकी क्या सलाह होगी? साथ ही, पर्याप्त रूप से इस तरह की सलाह के कारणों को स्पष्ट कीजिए।

National Building Code of India has been adopted by India to ensure structural safety of its buildings.

The above scenario depicts a major structural issue faced in construction of buildings



(A) The major pressing issues in the given scenario would be

- (1) Use of bolted beams rather than welded beams reduces the structural safety of the given building
- (2) Prospect of collapse of building on event of a cyclone, also harming the nearby buildings

- (3) Risk of litigation, cancellation of Mr X's structural engineering licence
- (4) Getting approvals from Fictitious Corp and buildings department may be difficult to correct the deficiency on the 30th floor
- (5) Also, lack of awareness on Mr X's part, on the construction design.
- (6) Companies preferring cost effective solutions rather than safe ones
- (7) Regulations seem to be lacking as do not specify where hoisted beams should / should not be used.

I would first address (2) and (4) because approvals for minor correction on the 30th floor are of foremost importance to protect the building

against an impending cyclone. This will ensure safety of the workers as well as the nearby residents.

(B) My advice to Mr. X ~~and Mr. Y~~ would be to

(1) Approach Mr. Y and inform him of the scenario

(2) Make him understand that correcting the defect on the 30th floor is necessary and also the earliest way to protect the building.

This is because as an architect, it is Mr. X's duty to protect the building even at personal risk of license cancellation and litigation.

My suggestion to Mr. Y would be

- (1) Listen to Mr X and take the matter on priority
- (2) If not satisfied, get a second opinion quickly from another architect
- (3) Work with Mr. X to resolve the structural safety of building on priority
- (4) Inform the urgent nature of work to buildings department to secure approvals fast.

This is because I feel resolving the defect is more pressing an issue before pursuing litigation.

Compliance with frameworks to ensure disaster resilience as envisioned by Sendai Framework is important.

8. In a recent survey around social and economic indicators, a certain state in the country was found grossly underperforming. The state is marred with the issues of poverty, hunger, social backwardness, lawlessness and underdevelopment. In about seven decades since gaining independence, this state has continued to perform poorly across various indices. In the past, the Chief Minister had set up a fact finding Committee to report on the chief causes of the backwardness of the State. After years of ground research and surveying, it was found that the one of the main causes of the state's backwardness was its huge population that amplified resource scarcity to unimaginable proportions. Taking a clue from the facts presented in the report, the State Cabinet constitutes a panel of policy makers to consider this question of growing population and suggest suitable revisions to the State's Population Policy. The Panel recommends legislating a Population Control Bill that has a contentious provision in the form of 'One Child' norm. You are the Chief of this Panel and the recommendations of the Panel require your approval to be tabled in the Chief Minister's Office.

In this context, answer the following questions:

(a) What are the ethical issues related to population control of a compulsory nature that you would consider before approving or rejecting the recommendation?

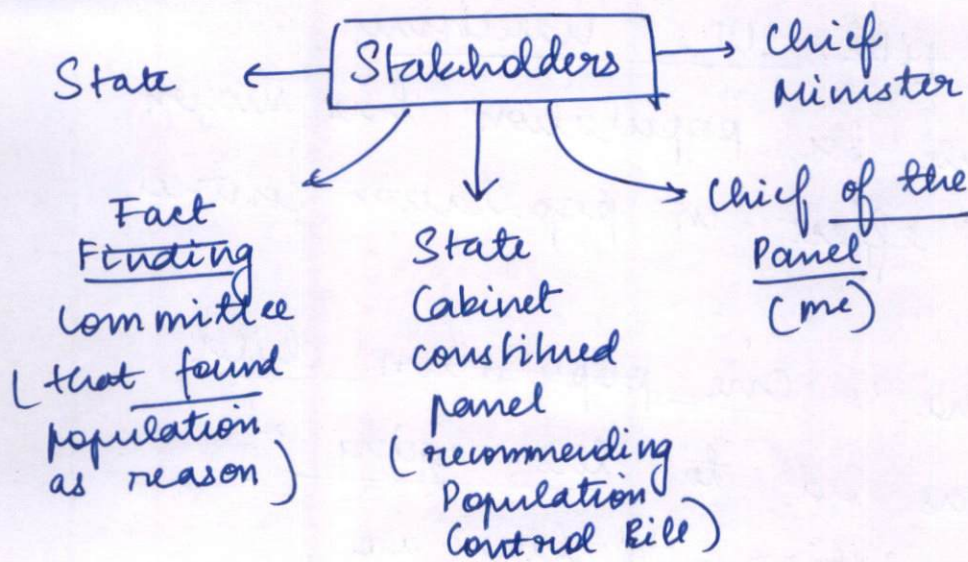
(b) What would be your course of action in the aforementioned case? Suggest reasons for the same. **(20)**

सामाजिक और आर्थिक संकेतकों के इर्द-गिर्द एक हालिया सर्वेक्षण में, देश में एक राज्य को बुरी तरह से आशा से कम प्रदर्शन करते हुए पाया गया। यह राज्य गरीबी, हंगर (भुखमरी), सामाजिक पिछड़ेपन, अराजकता और अल्पविकास की समस्याओं से ग्रसित है। स्वतंत्रता मिलने के बाद से करीब सात दशकों में यह राज्य विभिन्न सूचकांकों पर खराब प्रदर्शन करता आ रहा है। अतीत में, इस राज्य के मुख्यमंत्री ने राज्य के पिछड़ेपन के मुख्य कारणों पर रिपोर्ट देने के लिए एक तथ्यान्वेषी समिति का गठन किया था। वर्षों के जमीनी अनुसंधान और सर्वेक्षण के बाद, यह पाया गया कि राज्य के पिछड़ेपन का एक मुख्य कारण इसकी विशाल जनसंख्या है जिसने अकल्पनीय अनुपात में संसाधनों की कमी को बढ़ाया है। रिपोर्ट में प्रस्तुत किए गए तथ्यों से सुझाव लेते हुए, राज्य मंत्रिमंडल ने बढ़ती जनसंख्या के इस प्रश्न पर विचार करने और राज्य की जनसंख्या नीति में उपयुक्त संशोधन का सुझाव देने के लिए नीति-निर्माताओं का एक पैनल गठित किया। पैनल ने जनसंख्या नियंत्रण कानून बनाने की अनुशंसा की है जिसमें 'एक बच्चे' के मानदंड के रूप में एक विवादास्पद प्रावधान है। आप इस पैनल के प्रमुख हैं और पैनल की अनुशंसाओं को मुख्यमंत्री कार्यालय में प्रस्तुत करने के लिए आपके अनुमोदन की आवश्यकता है। इस संदर्भ में, निम्नलिखित प्रश्नों के उत्तर दीजिए:

(a) अनिवार्य प्रकृति के जनसंख्या नियंत्रण से संबंधित वे नैतिक मुद्दे क्या हैं जिन पर आप अनुशंसा को अनुमोदित करने या अस्वीकार करने से पहले विचार करेंगे?

(b) उपर्युक्त मामले में आपकी क्या कार्रवाई होगी? इसका कारण बताएँ।

As per NFHS - 5, India's population TFR is at 2.0, below replacement level of 2.1. However, disparities between northern and southern states continue



(A) The ethical issues I would consider in the above scenario are

(1) Coercive population control through One Child Norm is against the Cairo Principles 1994

(2) Leads to suppression of

socio-economically deprived groups,
minorities who bear the brunt
of birth control camps

(3) Ensuring women education, birth control pills, IUDs, vasectomy available for population has shown greater effect in population control

(4) China's one population child norm has led to the aging of the population. Working age population needed for progress

(5) Control against right to make reproductive choices by women as held in Sushila Sinhasana vs. Chandigarh Administration

(6) Creates illegal, undocumented citizens or children deprived

of citizenship, work benefits

~~(1)~~

(B) My course of action would
be to

(1) Reject the One Child Norm as
it is coercive, and has shown
no proof would be to control
population

(2) ~~Advise~~ Advise on starting an
awareness campaign on detrimental
effects of population growth

(3) Advise on focusing on female
higher education, employment creation,
making available birth control
devices and pills to them as ~~to~~
empowered females make decisions

on family planning

(4) Ensure total poverty is handled through investment in labour-based industries to create jobs.

This ensures less pressure on agricultural lands and hence less need for labour by families

(5) ~~People~~ Focus on improving health, education and socio-economic status of people. Such citizens are aware of the detrimental effects of population growth

Population control is necessary to ensure sustainability. Declining TFR, however shows that health, education, urbanisation is a more appropriate way to ensure this.

9. You are working as a Divisional Forest Officer in an area which is home to tigers. Recently, there have been reports of a tiger venturing into agricultural fields and also killing livestock of villagers. Unfortunately, 2-3 villagers have been killed by some wild animals in last few weeks. Villagers claim that the tiger has killed their fellow villagers and request you to protect their lives and property by either relocating or killing the man-eater tiger. They also obstructed investigation of forest officials to ascertain whether it was the work of tiger or some other animals. Your attempts to trap the tiger have not been successful. Concerned over the delay in killing or relocating the tiger, villagers hire a private hunter to kill the tiger on their own and argue that they have a right to defend themselves and their property. In this context, answer the following questions:

(a) Identify the issues involved in this scenario.

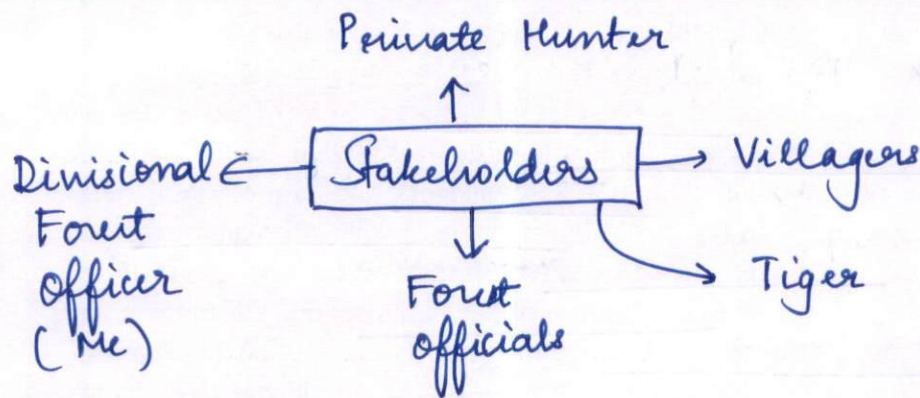
(b) What steps would you take as the Divisional Forest Officer to ensure villagers' safety along with protection of tigers? (20)

आप एक ऐसे क्षेत्र में मंडल वन अधिकारी के रूप में कार्यरत हैं जो बाघों का निवास स्थल है। हाल ही में, खेतों में एक बाघ के घुसने और ग्रामीणों के पशुधन को नुकसान पहुँचाने की खबरें आई हैं। दुर्भाग्य से, पिछले कुछ हफ्तों में कुछ जंगली जानवरों द्वारा 2-3 ग्रामीणों को मार डाला गया। ग्रामीणों का दावा है कि एक बाघ ने उनके साथी ग्रामीणों को मारा है और आपसे अनुरोध किया गया है कि या तो उस आदमखोर बाघ को स्थानांतरित करके या मार कर उनके जीवन और संपत्ति की रक्षा करें। उन्होंने यह पता लगाने के लिए वन अधिकारियों की जाँच में भी बाधा डाली कि यह बाघ का काम है या कुछ अन्य जानवरों का। बाघ को फँसाने या पकड़ने की आपकी कोशिशें सफल नहीं रही हैं। बाघ को मारने या स्थानांतरित करने में देरी से चिंतित होकर ग्रामीणों ने अपने दम पर बाघ को मारने के लिए एक निजी शिकारी की सेवाएँ ली हैं तथा उनका तर्क है कि उन्हें अपनी और अपनी संपत्ति की सुरक्षा करने का अधिकार है। इस संदर्भ में, निम्नलिखित प्रश्नों के उत्तर दीजिए:

(a) इस परिदृश्य में शामिल मुद्दों की पहचान कीजिए।

(b) बाघों की सुरक्षा के साथ-साथ ग्रामीणों की सुरक्षा सुनिश्चित करने के लिए एक मंडल वन अधिकारी के रूप में आप क्या कदम उठाएंगे?

Human - wildlife conflict seems to be rising, especially around the tiger reserves, as India has doubled their population as per its St. Petersburg resolve.



(A) Issues involved in the scenario

- (1) Violation of right to life of the villagers
- (2) Violation of the villagers' right to employment as livestock killed
- (3) Forest officials obstructed in ascertaining the animal responsible
- (4) Delays in trapping the tiger concern for the villagers
- (5) Private hunter hired to kill the tiger against the Schedule-1

protection to Tiger under WPA 1972

(6) Villagers right to defend
themselves and property not
guaranteed

(B) Steps I would take to
ensure safety of tigers and
the villagers would be

(1) Assure the villagers that
the tiger would be caught
within a certain time-limit

(2) Appoint some forest guards in
the village to ensure safety
of the villagers temporarily.

(3) Request the villagers to co-operate
with the forest guards in

ascertaining the identity of the animal. If possible, a group of villagers could accompany the forest guards and help them.

(4) Inform the villagers that a private hunter would violate the terms of law, and assure them that the administration is trying its level best to secure their safety.

(5) Also, train the villagers in basic defense techniques like head masks in Telangana, fire drives which would scare them.
drive away the tiger.

(6) Make sure that forest guards use capturing techniques or tranquilisers to control the animal as killing it is allowed only in exceptional circumstances.

(7) Create a band of people/youth from villagers to help in any future sightings

(8) Assure adequate compensation is paid to those losing livestock, request administration to provide jobs, compensation to families whose ^{members} lost their lives

Following the Ministry of Environment guidelines on Human - Wildlife conflict can guide the forest officers.

10. You are a District Magistrate of an area which has seen a huge surge in COVID-19 cases during the second wave of pandemic in India. The health infrastructure is already overburdened. Hospitals are overwhelmed, crematoriums and burial sites are regularly running out of space, and covid testing is struggling to meet the demand. Also, the vaccination drive is at the risk of going off-track due to the demand-supply mismatch. During this difficult time, you come to know that there are some people who are engaging in black marketing, hoarding and profiteering by using every trick in the book to cheat, ransom and swindle Covid-19 patients and their kin in the name of scarcity of drugs, oxygen and hospital beds.

Black marketing, hoarding and profiteering are a classic case of market failure, which highlights the significance of state intervention in a crisis situation. How can state effectively play the role of a regulator as well as service provider in such cases of market failure? **20**

आप एक ऐसे क्षेत्र के जिलाधिकारी हैं जिसने भारत में महामारी की दूसरी लहर के दौरान कोविड-19 के मामलों में भारी वृद्धि देखी। स्वास्थ्य अवसंरचना पर पहले से ही अधिक बोझ है। अस्पतालों में भीड़ लगी है, शवदाहगृहों और शवाधान स्थलों में नियमित रूप से जगह की कमी चल रही है तथा कोविड की जाँच संबंधी माँग पूरी नहीं हो पा रही है। साथ ही, माँग-आपूर्ति असंतुलन के कारण टीकाकरण अभियान का पटरी से उतरने का खतरा बना हुआ है। इस कठिन समय में, आपको पता चलता है कि कुछ लोग दवाओं, ऑक्सीजन और अस्पताल में बिस्तर की कमी के नाम पर कोविड-19 के रोगियों एवं उनके परिजनों को ठगने के लिए धोखा देने, धन ऐंठने और अन्य तरीकों से भी जालसाजी करने हेतु कालाबाजारी, जमाखोरी व मुनाफाखोरी में लिप्त हैं।

कालाबाजारी, जमाखोरी व मुनाफाखोरी बाजार की विफलता का एक आदर्श उदाहरण है, जो संकट की स्थिति में राज्य के हस्तक्षेप के महत्व को रेखांकित करता है। बाजार की विफलता के ऐसे मामलों में राज्य प्रभावी ढंग से कैसे विनियामक होने के साथ-साथ सेवा प्रदाता की भी भूमिका निभा सकता है?

COVID-19 saw a huge surge of black marketing, especially for a critical drug, Remdesivir during the second wave of the pandemic.

Ethical issues in the case

- (1) Over-involvement of health infrastructure — covid testing, hospitals, conventoriums reduces access for people
- (2) Slow vaccination drive reducing ~~access~~ safety of individuals
- (3) Black marketing, hoarding and profiteering reducing access of drugs, oxygen and hospital beds
- (4) Market failure from these profiteering practices.

How can state be a regulator and service provider in such cases

- (i) State should put the essential medicines, oxygen cylinders under Essential Commodities Act to

prevent hoarding in these t,
temporarily

(2) Ensure COVID-19 medicines added
to National List of Essential
Medicines to pursue price control
by NPPA.

(3) Strict action against black
marketers by applying suitable
penalties

(4) State-supported medicine, origin
centres should be opened up
to ensure medicines at verified
centres is at affordable prices

(5) Ensure supply of medicines are
in control with hoarders are
taken in control by state to
make them available to needy.

- (6) Medicines needed only for hospitalised patients should be sold directly to hospitals and not in pharmaceutical shops.
- (7) Inspections - team to be set up by state government under Epidemic Diseases Act 1897 to conduct checks on prices at which medical equipments sold.
- (8) States should release a verified list of vendors from where public could purchase requirements.
- (9) States should give incentives pharmaceutical companies to increase output, while encouraging voluntary licensing by producing

Company to other companies
to increase output

(10) If alone not possible, state
should pursue compulsory licensing
under Patents Act (2005) to ensure
patients' safety

States should pursue all means
available to regulate markets
and provide services efficiently
in time of crisis

11. You work as a marketing consultant for a multinational company that specializes in various products including nutrient supplements, diet pills etc. The company pays its employees extremely well and provides satisfactory fringe benefits. Your manager has hinted that he will recommend you for overseas company transfer, which will improve your job profile. This has motivated you to work harder and perform better.

The company has to advertise and sell a new weight loss pill 'X'. As per in-company research, it has minimal or no side effects and has no adverse impacts on health, which is its unique selling point (USP). You are given the responsibility of heading the marketing team for advertising pill 'X'. Due to a well-crafted marketing strategy including endorsement by a renowned celebrity, the product has generated considerable public attention. However, while working on an advertisement campaign for the pill, you find out that the in-company research findings of pill 'X' are fabricated. While it indeed has no side-effects, there are no proven benefits of taking the pill as well. It merely acts as a placebo.

When you bring up the issue with your manager, he promptly tells you to keep the facts to yourself. He also indirectly brings up the fact that your performance review date is approaching and hints that you will get transferred overseas if you prove your loyalty to the company.

Based on the given information, address the following:

- Identify the stakeholders in this situation.
- State the ethical issues that arise in this case.
- Discuss your options in this scenario and mention your next step.

(20)

आप पोषक तत्व पूरक आहार, डाइट पिल्स (आहार की गोलियों) आदि सहित विभिन्न उत्पादों में विशेषज्ञता प्राप्त एक बहुराष्ट्रीय कंपनी के लिए विपणन सलाहकार के रूप में काम करते हैं। कंपनी अपने कर्मचारियों को बहुत अच्छा वेतन देती है और संतोषजनक अतिरिक्त लाभ भी प्रदान करती है। आपके प्रबंधक ने संकेत दिया है कि वह आपकी विदेश में स्थित कंपनी में स्थानांतरण के लिए अनुशंसा करेगा, जिससे आपकी जॉब प्रोफाइल में सुधार होगा। इसने आपको और अधिक मेहनत तथा बेहतर प्रदर्शन करने के लिए प्रेरित किया है।

कंपनी को वजन घटाने वाली एक नई गोली 'X' का विज्ञापन और बिक्री करना है। अंतः-कंपनी अनुसंधान के अनुसार, इसका कम से कम या कोई दुष्प्रभाव नहीं है और इसका स्वास्थ्य पर कोई प्रतिकूल प्रभाव नहीं पड़ता है, जो इसकी विक्रय की खास खूबी है। आपको गोली 'X' का विज्ञापन करने के लिए विपणन टीम का नेतृत्व करने की जिम्मेदारी दी जाती है। एक प्रसिद्ध सेलिब्रिटी द्वारा विज्ञापन सहित अच्छी तरह से तैयार की गई विपणन रणनीति के कारण, इस उत्पाद ने जनता का काफी ध्यान आकर्षित किया। हालांकि, इस गोली के लिए एक विज्ञापन अभियान पर काम करते हुए, आपको पता चलता है कि गोली 'X' का अंतः-कंपनी अनुसंधान निष्कर्ष मनगढ़ंत या जाली है। हालांकि, इसका वास्तव में कोई दुष्प्रभाव नहीं है, लेकिन इस गोली का कोई प्रमाणित लाभ भी नहीं है। यह केवल प्रायोगिक औषध के रूप में कार्य करती है।

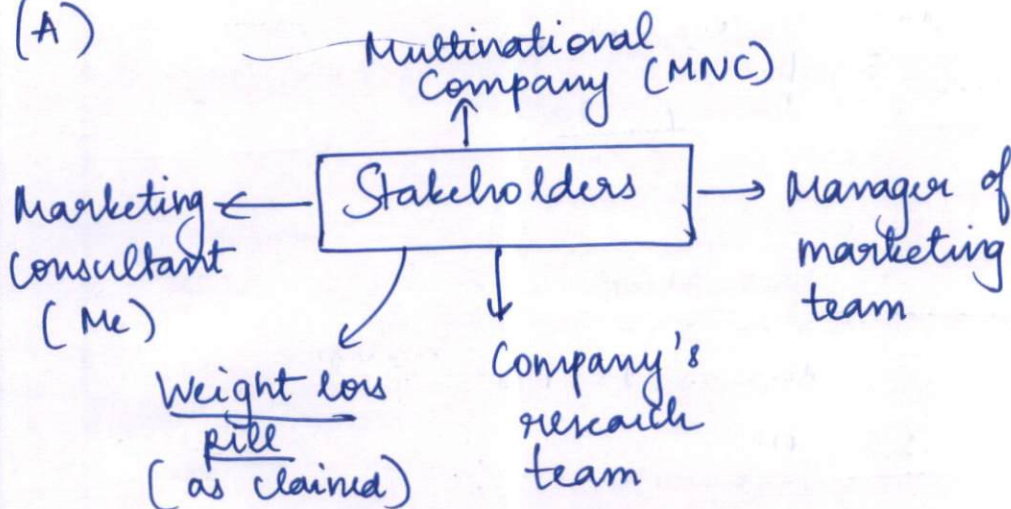
जब आप यह मुद्दा अपने प्रबंधक के सामने लाते हैं, तो तुरंत आपको तथ्यों को अपने तक सीमित रखने के लिए कहा जाता है। परोक्ष रूप से यह इंगित किया जाता है कि आपके प्रदर्शन की समीक्षा की तारीख निकट आ रही है और संकेत दिया जाता है कि यदि आप कंपनी के प्रति अपनी निष्ठा सिद्ध करेंगे तो आपको विदेश स्थानांतरित कर दिया जाएगा।

दी गई जानकारी के आधार पर, निम्नलिखित प्रश्नों के उत्तर दीजिए:

- इस स्थिति में हितधारकों की पहचान कीजिए।
- इस प्रकरण में उत्पन्न होने वाले नैतिक मुद्दों का उल्लेख कीजिए।
- इस परिदृश्य में अपने विकल्पों की विवेचना कीजिए और अपने अगले कदम का उल्लेख कीजिए।

The issue is a clear cut case of rising misleading advertising by companies to capture market.

(A)



(B) Many ethical issues arise in this case

- (i) Company's misleading advertisement on a research pill that does not work
- (ii) Company's research team fabricating results
- (iii) Company's manager acting unethically as aware of fabrication
- (iv) Employee (marketing consultant) being offered overseas company transfer only if ~~person~~ supports company in misdeeds.
- (v) Misleading public with the pill may affect their mental health, increase their under-confidence on being over-weight
- (c) Options available to me.

Scenario
A→ Go ahead with the
promotions of pill

Merits	Demerits
(1) Overseas transfer protected (2) No side-effects so no <u>physical</u> <u>harm to public</u> .	(1) Against <u>ethical</u> <u>corporate governance</u> (2) Against <u>personal</u> <u>ethics</u> of honesty, integrity (3) Pill playing with <u>emotions of public</u>

Scenario
B→ Bring company's misdoings
in the public domain

Merits	Demerits
(1) Assured <u>Ethically correct</u> <u>loss of job</u> (2) Public aware of <u>misleading</u> <u>advertisement</u>	(1) Assured <u>loss of</u> job, no <u>overseas</u> <u>transfer</u> (2) Against <u>loyalty</u> to the company

Scenario
C

→ convey to the manager that I won't be a part of the false advertisement and take the matter with a senior manager

Merits	Demerits
(i) <u>Ethically correct</u> for me	(i) Overseas transfer <u>may be</u> withdrawn,
(ii) Ensures <u>ethical loyalty</u> to the company	(ii) Public <u>not aware</u> of <u>misdoing</u>

I would opt for scenario C, as being a member of the company and also a part of the society, I would not be a part of a misleading campaign. I will record my reasons in writing for not pursuing the job and convey the same to the senior manager who can then take appropriate actions.

12. The COVID-19 pandemic has forced universities, schools and other educational institutions around the world to shut down their campuses indefinitely and move their educational activities onto online platforms. These institutions were not prepared for such a transition and their online teaching-learning process evolved gradually. Though students considered online learning advantageous because of flexibility and convenience, there have been reports that the students prefer learning in physical classrooms to online education. The students feel that online education is stressful and affects their health and social life. Moreover, not all students have equal access to, and expertise on, digital technologies. Although these inequalities existed earlier, the COVID-19 pandemic has exposed this digital divide. Considering yourself as the Chairman of a Committee, constituted by the government, to suggest measures to improve the quality and accessibility of online education, answer the following questions:

(a) What are the key ethical issues at stake here?

(b) Highlight the principles and values that will guide your recommendations to the government.

(c) Suggest measures to improve the quality and accessibility of online education in the country. **(20)**

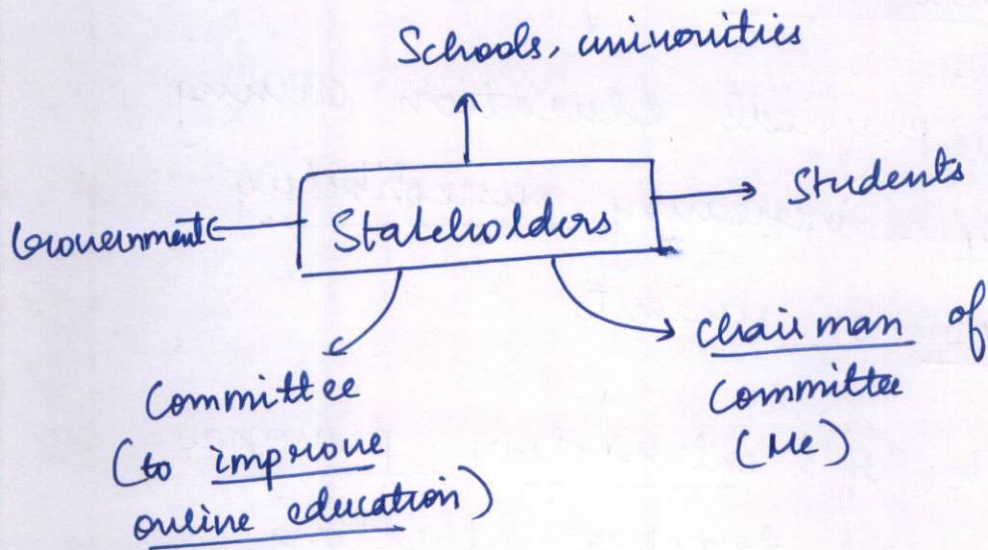
कोविड-19 महामारी ने दुनिया भर के विश्वविद्यालयों, स्कूलों और अन्य शैक्षिक संस्थानों को अनिश्चित काल के लिए अपने परिसरों को बंद करने तथा अपनी शैक्षिक गतिविधियाँ ऑनलाइन प्लेटफॉर्म पर स्थानांतरित करने के लिए मजबूर किया है। ये संस्थान इस तरह के संक्रमण के लिए तैयार नहीं थे और उनकी ऑनलाइन शिक्षण-अधिगम प्रक्रिया धीरे-धीरे विकसित हुई। हालांकि, छात्र लचीलेपन और सुविधा के कारण ऑनलाइन लर्निंग को लाभप्रद मानते हैं, लेकिन इस बात की रिपोर्टें आई हैं कि छात्र ऑनलाइन शिक्षा की तुलना भौतिक कक्षाओं में पढ़ना अधिक पसंद करते हैं। छात्रों को लगता है कि ऑनलाइन शिक्षा तनावपूर्ण है और उनके स्वास्थ्य एवं सामाजिक जीवन को प्रभावित करती है। इसके अलावा, सभी छात्रों की डिजिटल प्रौद्योगिकियों तक समान पहुँच और विशेषज्ञता नहीं है। हालांकि, ये असमानताएं पहले भी मौजूद थीं, लेकिन कोविड-19 महामारी ने इस डिजिटल खाई को उजागर कर दिया है। अपने आप को ऑनलाइन शिक्षा की गुणवत्ता और पहुँच में सुधार लाने के उपाय सुझाने के लिए सरकार द्वारा गठित समिति का अध्यक्ष मानते हुए, निम्नलिखित प्रश्नों के उत्तर दीजिए:

(a) यहाँ दांव पर लगे प्रमुख नैतिक मुद्दे क्या हैं?

(b) सरकार को की जाने वाली अपनी अनुशंसाओं का मार्गदर्शन करने वाले सिद्धांतों और मूल्यों पर प्रकाश डालिए।

(c) देश में ऑनलाइन शिक्षा की गुणवत्ता और पहुँच में सुधार लाने के उपायों का सुझाव दीजिए।

COVID-19 pandemic saw a massive surge in the demand for online education



(A) Key ethical issues at stake

(1) Lack of internet penetration reduces accessibility

(NSO 75th round - only 15% areas in rural settings have connectivity)

(2) Lack of digital literacy reducing accessibility (NSO 75th round - 40% in 15-29 years)

- (3) Screen time affects eyes of students
- (4) Lack of a peer group affecting mental health of students
- (5) No physical education causing obesity, increasing susceptibility to NCDs in students
- (6) Lack of interaction, personal attention of teacher affecting their performance.
- (B) Principles and values guiding my recommendations to government
 - (i) Ensuring healthy childhood for children
 - (ii) Reduce inequity in education
 - (iii) Ensure mental health of children
(India - 1/7 people suffer)

(iv) Sustainable digitisation of education

(c)

Measures ~~by~~ recommended
by me to ensure quality and
accessibility of online education

Quality

(1) Ensure schools compliance with
PRAGYATA guidelines on screen
time

(2) Ensure school teachers conduct
personalised interactions with
each student, at least once
in week to know progress.

(3) Mandatory ~~per~~ physical
education exercises through live
meetings of instructor - students.

(4) Encourage group projects through
video, audio meetings ~~etc~~ . e.g -
online chart-board

Accessibility

(1) Increase optical fibre penetration,
use satellite internet, gigakit
where not possible

(2) Digital education ^{training} through door-
door volunteers while following
social distancing norms

(3) Phased re-opening of schools
where cases decline

(4) Provision of refurbished
computers by companies ^{under} ~~as per~~ CSR.

ASER found only 10% of rural
children had access to live classes.
Hence equity in online education is
necessary