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GENERAL STUDIES (TEST CODE : 760)

Name of Candidate	ANUJ MALIK		
Medium Hindi/Eng.	ENGLISH	Registration Number	26968
Center	ORN	Date	30/9/2016

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	10	
7	10	
8	10	
9	20	
10	20	
11	20	
12	20	
13	20	
14	20	

Total Marks Obtained:

INSTRUCTIONS

1. Do furnish the appropriate details in the answer sheet (viz. Name, Registration Number and Test Code).
2. There are FOURTEEN questions printed in ENGLISH.
3. All questions are compulsory.
4. The number of marks carried by a question/part is indicated against it.
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. No marks will be given for answers written in medium other than the authorized one.
6. Word limit in questions, if specified, should be adhered to.
7. Any page or portion of the page left blank in the Question-Cum-Answer Booklet must be clearly struck off.

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.

6.

All the Best

Answer the following questions is not more than 150 words each.

1. (a) Celebrities are paid huge amounts by companies for endorsing products that at times turn out to be harmful for the consumers. Examine the ethical dimensions involved in such instances.

10

Celebrities enjoy high ^{reference} ~~image~~ - power in the society. Viewers tend to believe in the product, which is advertised by a high profile celebrity. It often leads to halo effect, where people do not focus on the quality and efficacy of products, rather get carried away by the influence of personality of the celebrity. In such circumstances, the ethical dimensions which are involved are:-

① Profitability vs. Ethical values

Companies should strive to achieve a balance between the profit they gain and the quality of product. Companies should recall products from market if they turn out to be harmful for customers.

② Spirit of Responsibility
Celebrities should be responsible enough to understand that due to their high social appeal, they should restrain from advertising products which they themselves do not use and are not sure about its outcomes on the customers.

③ Awareness
The customers should make informed choice and should take feedback from friends or other customers before using any new product available in the market. The verbal of knowledge should be inculcated and efficient and economical decisions should be made.

1. (b) Lack of cleanliness in urban areas despite schemes such as the Swachh Bharat Abhiyan point to difficulties faced in bringing about attitudinal and behavioural changes. Discuss. 10

The success of Swachh Bharat Abhiyan lies in successful behaviour and attitude change toward cleanliness. People are well-informed about benefits of clean surroundings and thus try to keep their houses and surroundings clean. But when it comes to public places, people tend to show complacency and inertia in taking initiatives for cleanliness. Thus public attitude needs to be shaped. This could be done in following ways:-

① Unfreezing - People's existing attitude and behaviour should be shaken by provide ^{knowledge about} harmful effects of dirty environment.

② Reward & Punishment -
Behaviours which promote
cleanliness for eg segregating
waste before disposal, use
of dustbins in private
spaces should be rewarded
whereas unclean attitudes
should be severely punished
for eg urinating in public
places should be heavily
fined.

③ Information Campaigns at school
level, can help inculcate
values about cleanliness in
school children, which
can act as guiding stars
in future initiatives for
cleanliness.

Initiatives such as WASH
can help create a community
spirit on cleanliness which
could further changes in
attitude and behaviour of individuals.

2. (a) Issues around economic inclusion are not just about income gaps, there are many dimensions of moral and ethical choices as well. Discuss. 10

Economic inclusion in a broader sense means a society free of economic inequalities, ~~for~~ more choice for the people and economic independence for society in the long run. Income gaps though an important factor in addressing economic inclusion, does not provide a complete picture.

At moral and ethical level ~~the~~ economic inclusion would mean:-

① Absence of social barriers

The stigma which surrounds a poor in the society should be removed. Thus valuing the uniqueness and dignity of each individual.

② Availability of choice

Every person should be able to exercise freewill.

Economic independence in the form of informed choices about goods in the market adds to the value of economic inclusion.

③ The corporate sector should not only be concerned with profiteering, rather should ~~set~~ realise its responsibility towards social sector, as the resources has been diverted from societal welfare to corporate growth. Marketing should focus on value addition i.e. the difference its products make in the lives of normal citizens.

Thus balance b/w ethics, profit and legality -



Economic Inclusion.

2. (b) Socially and economically marginalized women are used to make a profit, often at the cost of their own health and reproductive autonomy, in the name of commercial surrogacy. Discuss the ethical issues associated with commercial surrogacy in India. Should commercial surrogacy be completely banned?

10

India has emerged as a favoured destination for commercial surrogacy due to low cost medical facilities, large population density, ambiguity in legal structure etc. But acts of commercial surrogacy raise various ethical issues which are:-

(i) Right of women over her body :- Poor women are often given monetary incentives which motivate them to raise a surrogate child. But complications associated with child birth often leave women at the mercy of doctors without any proper care from commissioning parents. In such situation the health of such women is greatly affected.

② Rights of the foetus

Often child born with physical or mental deformities are not accepted by their commissioning parents. In such cases the child ends up in an orphanage home or at the mercy of hospital staff. For eg as it helped in case of Japanese Child Manjiv.

③ Unsympathetic attitude

of commissioning parents post-delivery of child leaves surrogate mother in state of confusion & dissonance for selling her child for money.

Commercial surrogacy could be allowed in India with safeguards for surrogate mother, registration of ART clinics, conclusive rights about 'new born child etc.

3. (a) While discussing the ethical issues that journalists face on a regular basis, examine the causes of increased sensationalism in news media in recent times.

10

The ethical issues that journalists face on regular basis are:-

- ① Trial by media - The cases of high raised buzz created for certain cases by media, often encroaches the privacy of accused individuals.
- ② Sensationalism - The practice of presenting news with high drama and biased opinions results in sensationalisation of news items. The reasons for it are:-
 - a) Need to increase the ratings of news ~~channel~~ channels.
 - b) To survive the competition from other news challenge.
 - c) Poor understanding of media ethics by news houses
 - d) Lack of poor regulation on news items being presented
 - e) Ignore issues of national

importance and focus on high profile cases as it attracts more attention of viewers.

③ Reporting from disturbed Situations - In situations of riots, bomb blasts etc, news reporters often face the dilemma of reporting the news items or helping the affected individuals. eg SC condemned the news reporting in case of Mumbai Bomb blasts in 2007.

④ Biased Opinions & Discussions often only one side of issues is presented which suits the interests of owners of news houses. Comprehensive coverage of issues is not done. Debate on issues often results into display of aggressive and out raging comments or speeches.

3. (b) What are the various sources through which humans can judge the correctness of their actions? In the context of public life discuss how these sources are important in offering a clear and practical guidance. 10

The various ways through which humans can judge the correctness of their actions are: -

① Internal Reflection - By assessing whether ~~that~~ our actions as per our underlying values or morals, we can judge the correctness of our actions.

② Social Comparison - By comparing our actions with societal norms and ethics, the correctness of actions can be predicted.

③ Listening to the voice of conscience helps us judge the appropriateness of our actions.

④ By abiding to laws, rules and regulations, we can ensure correctness in our actions.

In public life, validity of our actions plays an important role in maintaining integrity and dedication towards our job.

A public servant, who ~~is~~ has high moral standards and has an internal locus of control, always tries to abide by his/her conscience and takes decisions which are in line with highest humanitarian values of courage, integrity etc. By following law, rules and regulation a public servant enjoins objectively in his actions and high accountability could be achieved. Thus to take clear and practical decision balance b/w regulations, moral standard & public welfare should be achieved.

4. (a) Should a person resort to leaking of information in case of wrongs done in the organization? Does it cause a conflict of interest between the personal, organizational and societal spheres? Discuss with examples. 10

Every employee is expected to act in welfare for his organisation in which he works. But there are instances when organisations are not able to or deliberately flout rules and regulation. In such a case, whistleblowing against violation becomes necessary for an informed employee not only to surface illegal acts but also to act in larger welfare of the public. For eg. Insider trading in corporate sector is illegal. In such case a whistleblower leaking information on such an act does justice to his personal, organizational and societal sphere. At personal level, it ensures integrity and honesty in

actions. At organisational level it adds to company welfare as resources of the company are not diverted for personal gains.

At societal level such an act protects the interest of shareholders, which results in promotion of public good.

Similarly, such benefits can be seen in cases of illegal land acquisition, custodial deaths, fraudulent allocation of coal blocks etc.

Acts of whistleblowing should be honest and aimed at larger welfare of the society. For eg US False Claim Act provides a good example for sharing of information of wrongdoings.

4. (b) Competition, it is argued, spurs the best of performance, however, can it also instigate cheating and unethical behaviour? Discuss with adequate examples.

10

In a conventional manner, it is believed that competition leads to enhanced productivity and choice availability in a particular sector.

But at times it can result in cutting-throat competition where principle of profit prevails over ethical dimensions.

For eg. Increased level of competition among MNCs or corporate companies lead to insider trading, profit shifting, round-tripping of funds. Such acts are committed to enhance profit and reduce taxation. The idea to out run other companies achieve the prime significance in business.

The issue of call drops of JIO mobile operators by other operators such as Airtel, Vodaphane etc present a case of unethical competition. In such acts eventually it is common man who faces ultimate loss.

Cheating and unethical behaviour in competitive ventures can also affect the political sovereignty of a country. For eg the East India company in the run to compete with other trading companies, eventually resulted in colonization of our country.

5. (a) "A person may cause evil to others not only by his actions but by his inaction, and in either case he is justly accountable to them for the injury". Explain the statement giving one example each from personal and public life.

10

Action and inaction both on part of an individual can cause injury to others if the motive behind them is malafide.

For eg at personal level, cheating somebody results in substantial damage to trust in personal relationships. This act of cheating causes great injury to those who are cheated.

Acts of inaction often cause greater harm. For eg the phenomena of bystander apathy, whereby individuals ~~could~~ do not come forward to help victims in accidents also results in damage to social trust and can result of loss of life of injured person.

~~At pub~~ In public life, engaging in corrupt acts, for eg blackmarketing of PDS food grains causes economical and infrastructural losses to the states and withholds act of welfare for poor people.

The phenomena of red-tapism in public administration is a classic case of inaction on behane of public officials, which results in delay of implementation of projects and reduces trust of public in bureaucracy. Both cases of action and inaction make the public servants accountable to general public at eventually they suffer from the losses.

5. (b) "A people that values its privileges above its principles soon loses both."
What does this quotation mean to you? Explain with an example. 10

This statement highlights the importance of balancing our rights and entitlements with our responsibility. The moral faculty which helps in acts of such balance is conscience. As it is known that ~~with~~ with great power comes great responsibility, so one should fulfil his duties first in order to enjoy his or her entitlements. Failing to do so results in a sense of crisis of conscience and a sense of inner guilt. Without responsibility, our privileges will fade away, as we will lose the moral righteousness to enjoy them.

For eg To become a civil servant, an aspirant has to work hard i.e. his duty is to work hard. Only hard work will help in becoming an IAS officer i.e. enjoying the privileges of the office. On the other hand if hard work is not done then one fails to become a civil servant. If he/she becomes one by using illegal means, then they are bound to fail in the longer run as they would not be able to face their guilt and result in poor policy implementation at professional front.

6. Instances of atrocities against dalits despite stringent legal measures point to the fact that the problem is not one of legality only but a matter of entrenched social prejudices and attitude. In this context suggest some effective measures to address the issue holistically. 10

Atrocities against dalits can be stopped by adopting a holistic approach which includes measures at legal, societal and individual level.

As various laws are in place to address the issues, measures at social & individual level should be taken, which include:-

1) Societal level

a) Social Contact - Groups of upper and lower caste should be brought together on a common platform to discuss areas of concern.

b) Consensus Building - Voice should be raised against atrocities against dalits by civil society as it can help shape public opinion on the issue.

c) Prejudice alienation
strategies should be used
which involves removing
of wrong social cognitions
about dalits. Role playing
could be done to understand
the plight of dalits. .
Exposure to successful role
models should be made.

2) At Individual level
The Dalits should be trained
in improving their
self - image and perceived
self efficacy. They should
take up jobs which are
~~not~~ satisfying at individual
level rather than age-old
practices subscribed by
the society. Such efforts
would require support of
the government and an
enabling environment.

7. What do you mean by 'anonymity in the civil services'? Explain why anonymity and neutrality are considered as important traits for civil servants.

10

Political representatives represent the public mandate as they are democratically elected by the ~~gover~~ people. They act as representative of the people. On the other hand civil servants work under their political guidance. In such situation, anonymity in civil services refers to the principle that civil servants work for development of the country and are accountable for their acts, but the collective responsibility lies upon the elected representative.

Anonymity and neutrality are considered as important traits for civil servants because:-

- ① It prevents creation of a spoils system, which

could result if civil servants become politicized and show loyalty towards political masters rather than public welfare.

② It ensures confidence of public in administration as they believe every citizen would be treated equally without discrimination.

③ It increases motivation of civil servants as they are value neutral and at the same time not programme neutral. This results in giving complete dedication for completion of various projects.

8. Prescription of dresscode for women not only violates their liberty but also reflects outdated views on gender relations as well as proper conduct.
Comment.

10

Women are often treated as secondary gender in the society. Various restrictions are imposed on freedom and independence of women. One of them is ~~restrict~~ prescription of dresscode for women.

Restricting freedom to choose a dress for oneself results in lowering of confidence and self-esteem of a woman. Every individual is born with a freewill and hence has every right to make decision about his/her body. But such freedoms are not granted to women in a patriarchal society.

① Rape victims are often ~~victimised~~ victimised for their dress code and are blamed for attracting undesirable attention.

Such attributional errors highlight the fact that men are often leniently treated for their misconduct, rather often protected by putting the onus of a rape on the victim itself.

② The purdah system in our society restricts the freedom of movement of women and also in a way restricts her social interactions.

③ Dresscode for entry in religious place for women highlights unequal treatment when ~~the~~ ~~are~~ men are not forced to subscribe to any dress code. Such instances highlight not only lack of liberty but also out dated views on gender relations and proper conduct.

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

9. You are DM of a very poor district in the hinterland of India. It has come to your notice that manual scavenging is widely prevalent in the district even though the new law prohibits manual scavenging in any form. Upon enquiry, you have found that the number of manual scavengers has been reported to be very low, however, hundreds of dry latrines in the district depict a different picture. You have also noticed two more important trends: first, most of the manual scavengers are Dalits, and second, in many of the cases they themselves go to the houses and request the owners to clean their toilets manually, as it would provide monetary benefits. The entire district administration has been criticized by the media and there is political pressure on you to manipulate the data in a way that it shows less number of manual scavengers in the district. Based on the given information answer the following:

1. Identify the ethical issues associated with manual scavenging.
2. List the options available to you in the given case. Evaluate the merits and demerits of each.
3. Discuss some feasible steps that you can take to control this serious problem.

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1. Manual scavenging is the worst form of human labour prevalent in our country. Its presence in the society gives rise to various ethical issues which ensue :-

1) At individual level, it disrespects the dignity of an individual. forced compliance for doing such menial tasks leads to inferiority complex within the individual.

Moreover it supports the age-old legacy of inequality within social strata.

- 2) At societal level, it gives rise to following ethical concerns
 - a) worst form of social oppression
 - b) creates a divide of haves and have nots
 - c) Unsympathetic attitude of the civil society and media also comes to surface
- 3) At administrative level, it shows lack of responsiveness towards the needs of disadvantaged groups. It highlights further lack of empathy and dedication to improve the condition of manual scavengers.
- 4) At political level, it amounts to disrespecting the public welfare and undermining

the democratic values.

2. The options available are:-

① Succumbing to political pressure

In the short run, surrendering to political pressure may address the problem superficially and could also lead to out of turn favours from political masters. But in the long run, it would only deepen the crisis at hand and would also lead to a spoils system and reduced respect for administration in the district.

② Enforcing the available laws

As can be seen from the situation there is under reporting of such incidents, so the need of the hour is to enforce the new law strictly. Aware people about social evils of manual scavenging and encourage them to report them.

But such a step could result in social pressure from upper castes. Moreover the dalits may themselves be restrained from a source of income.

③ Developing political will

By communicating to the political leaders the unjust nature of manual scavenging and drawing light upon the long term benefits of its removal in the form of increased vote bank among dalits may lead to a stronger political action to address the situation.

But motivating the political leaders may not be done easily and strong resistance could also be faced.

3. Some feasible steps that can be taken to control the serious problem are:-

- ① Awareness generation - By creating an informed citizenary with the help of media and NGOs can help address the situation.
- ② Rehabilitation of Dalits - By making use of funds available under Bonded Labour Rehabilitation Scheme, ~~the~~ the situation could be addressed. As it would lead to a secured livelihood for dalits thus resulting in their withdrawal from such a profession.
- ③ Social Contact - The upper class and lower caste members of the district would be encouraged to discuss their problems of a common platform such as weekly panchayat meetings.
- ④ Campaigns for attitude change within the district, so as to inculcate values of 'dignity of human lives and equality'.

10. You are SP of a district where the use of drugs is prevalent, especially among the youth. The neighbouring districts are also suffering from the same problem. There is a huge hue and cry in the national media about the drug issue and the government and political parties are pressurising the police and district administration to act on the issue. A big deal of drugs is busted by the police in your area and all the culprits have been arrested. However, even before you reach your office, a minister from the ruling party of the state calls and asks you to release few of the culprits. You have long suspected the role of many senior leaders in this drug menace of the state. You have also been informed by your juniors that a few officers who dared to act against people involved in drug dealings were transferred or suspended on wrong charges earlier.

1. Identify the options available to you.

2. Evaluate the pros and cons of each of your options.

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The menace of drug abuse is severely affecting the youth of our country. In back drop of such grave situation following options are available:-

① act according to political instruction

As presented in the situation, political pressure is present to release some of the culprits.

By succumbing to political pressure, the position of authority could be retained, further the possibility of transfer or suspension could be minimized.

But it will lead to sense of guilt within the officer. Further it would demotivate the sub-ordinate staff and would restrain them in future to take strong action. Moreover it will lead to situation of drug trafficking and illegal use un-addressed. Furthermore it will act as a reinforcement for drug dealers to act in similar manner in the future due to availability of political support and inactivity on behalf of police.

② Consult the senior officials

Discussing about the matter with senior officials may provide an insight into the solution due to added expertise and experience of higher officials. But if the higher officials are not responsive to the needs of society or are highly politicized, then in

such a situation it may further aggravate the pressure and reduce the possibility of a feasible solution.

③ Investigate the issue deeper
As the issue is not a local one but involves neighbouring districts too, thus shows its prevalence at a larger scale. In such a condition gathering intelligence with the support of other related departments would add to information base and could also throw light on involvement of any leaders from ruling or opposition party. Acting in this manner would result in availability of strong proofs against the accused officials. But carrying out such detailed investigation may attract the wrath of involved leaders and mafia. It can also lead to physical

damage to the officials and their families.

④ Engagement of civil society

Seeking help from media and NGOs can help uncover the hidden facts and it can also lead to a strong public opinion and campaign against the menace of drugs.

But involving media can also lead to distortion of facts and it may also happen that only one-sided facts and opinions are available.

Thus to tackle such a situation a multi-dimensional approach is needed which involves :-

- ① Deeper Investigation
- ② Increased motivation and dedication among police officials
- ③ Computerised recording of complaints, so that resistance could be made to political pressure

- ④ Engagement of civil society
- ⑤ Inculcation of zero tolerance of drugs amongst the people of the district.

11. You are the manager of a small hotel which maintains high standards of ethics in dealing with its customers. One day a person comes to your hotel and enquires about booking a room at your hotel. However, due to peak season, all rooms were already booked and hence the staff politely informed him about the unavailability. The person, however, was adamant and took this as a personal insult and started misbehaving with the staff present at the counter. Citing his political connection he also threatened the staff of severe consequences. Next day the person lodged a frivolous complaint with the police under the stringent SC/ST act. In his complaint he accused you and your staff of insulting him deliberately on the basis of his caste. He insisted further that he was denied a room at your hotel due to the caste he belongs to.

1. What are the options available to you?

2. Evaluate each of these options and choose the option which you would adopt, giving reasons.

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The person has filed an frivolous complaint against the hotel due to his political connection. So the most immediate step which needs to be taken is addressing to the legal complaint. It would include following steps :-

① Provide justification for the act of not providing a room. This could be done by

a) Presentation of hotel records, which shows that all rooms were already booked due to peak season.

b) show the CCTV footage, so that it could be well-established that the person misbehaved on first instance without any provocation or misbehaviour on the part of hotel staff.

c) certain regular customers of the hotels could be convinced to provide a testimony of the great services and conduct on the part of hotel in the past cases.

These options would help address the fraudulent claims of the FIR.

Further as the person has no genuine basis for complaint and used the stringent SC/ST Act, so a lesson should be taught to him for damaging

the reputation of the hotels. so following steps could be taken:-

- ① FIR should be filed against the person itself for causing damage to hotel's prestige and reputation.
- ② Local media should be involved, to highlight the plight of hotel. so that in the future noone commits such offences.

Adopting any of the steps would require great deal of dedication and justice on the part of the hotel manager, as the ~~convicted~~ guilty person has well established political connections. so engagement of Hotel's Managers Association would help to offset political influence and would

help shape the public
opinion in the favour of
the hotel's situation.

12. You are the Health Secretary in a state where there is an outbreak of dengue and chikungunya diseases. There have been reports of negligent attitude of some private hospitals in the city. Also, the public hospitals do not have the required infrastructure and staff to meet such increased number of cases in a short span of time. Additionally, the staff is demoralised by the increased working hours and the public outrage. Despite the efforts of the local authorities this issue emerges year after year.
1. What are the immediate steps which should be taken in such a situation?
 2. Suggest some long term measures to ensure that such a situation is not repeated.

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Dengue and chikungunya being vector borne diseases highlight the inadequate provisions on the part of health department to tackle mosquito population. To the address the intense situation, some immediate steps which could be taken are-

- ① Fumigation of residential and community complexes, so as to check further breeding of mosquitoes.
- ② Health notice to private hospitals, issuing that strict action would be taken if patients are refused to admitted or exorbitant fees are charged for medication or

treatment of the patients.

(3) On ~~acc~~ the account of emergency situation, additional staff should be made available in the public hospitals. Provision of overtime payment should be brought in to motivate the staff to work for longer durations.

(4) Cap on investigation charges for dengue and chikungunya should be placed so that pathological labs do not take undue advantage of emergency situation. Mobile Clinic Vans could also be started.

(5) Involvement of media should be encouraged, so that public feedback could be channelised to the health department. Moreover provision of compensation should be there if patient dies due to negligence on the behalf of hospital.

⑥ Volunteers should be involved ~~be involved~~ to distribute ORS samples ~~from~~ ~~to~~ from house to house and anti-mosquitoes breeding tablets could also be distributed so that collected water could be treated successfully.

As the situation emerges every year, so a long term strategy is needed to address the situation. It could involve:-

① Policy to address epidemic due to mosquito borne diseases.

Mosquitoes are vectors for various diseases which include dengue, malaria, chikungunya etc. so a holistic policy is needed which describes detailed roles of all the stakeholders included. So

that accountability and responsibility increases in case of a loophole is found in handling the situation.

② Infrastructure Development

As public hospitals suffer from lack of adequate beds, medicines and medical staff, so in the long term infrastructure enhancement should be the aim of the health department. Further vacancies should be filled to address the shortage of staff.

③ Change in attitude of Private Hospitals

The private hospitals should realise that they also have responsibility for public welfare. Profitability should be

allowed to take a secondary preference in case of emergency situation. This could be done by appointing ethics officers in private hospitals which will report on violation of rights to admission or proper treatment to disadvantaged sections.

④ International collaboration

The Health Department should learn from global practices to eradicate vector borne diseases from the country.

For eg successful collaboration with Sri Lankan government can provide valuable insights on how to eradicate malaria.

⑤ Invention of pest-control measures in form of anti-mosquito fumigants which restrict population growth of mosquitoes in rainy seasons.

13. As a Forest Officer, you are receiving increasing complaints of certain animals ruining the farms and causing damage to crops. This is creating an undue financial burden for the farmers who are in deep distress because of the uncontrolled damage. Consequently, the farmers are demanding you to put forward a request for culling of animals. You are an animal lover and against culling of animals. You had made efforts to control the menace but the population of animals has increased beyond the managing capacity.

1. What are the options available to you? Evaluate each of these options and choose the option which you would adopt, giving reasons.

2. Also suggest some long term measures to ensure that such a situation is not repeated.

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The various options available to address the situation are:-

① Culling of animals.

As animals are causing huge financial damage to farmers, so to address the situation, on a temporary basis, killing of such animals could be allowed. But such a move would be strictly against the principles of sustainable development and would cause great harm to ecological balance in the future. It might also promote killing of animals for private gains such as animal hide or leather.

② Preventive Measures

To prevent crops from damage of animals, fencing could be done around agricultural areas so that animals cannot enter the fields. Further more additional forest rangers and officials could be deployed in the area so as to check the encroachment of animals in the field. Educating farmers about ill-effects of culling of animals can also sensitize them against such actions. In the long term such measures would be most beneficial and would also restore ecological balance as well as farmer's welfare.

③ Compensation for damage

As great financial burden has been put upon the farmers so compensation for such damage should be made from funds of forest department. It can provide immediate relief to the farmers. But in the long run it can also result in frivolous claims of crop damage by the farmers.

The long-term measures which could be taken to ensure that situation would not be repeated, can include:-

① Use of sensing devices

Radio-thermal sensors could be deployed in nearby areas around agricultural fields so that mere presence of animals around fields could send signals to forest division offices and immediate steps

could be taken to vacate the area from animal presence.

② Critical Infrastructure

high raised fencing, separate elephant corridors, stricter implementation of wildlife protection rules, could address the issue of encroachment of animals into the field.

③ Sensitization of local population

The local population should be educated ~~and~~ about the spirit of harmony with the nature. Traditional practices should be encouraged to handle the situation. This includes the concept of "Haathi mera Saathi". Lessons should be taken from other successful initiatives where people and animals live in

complete harmony with each other for eg collaboration of people and lions in Gir forests.

(4) Strong legislative framework.
in the form of strict implementation of recognition of forest rights Act, 2006 can help provide traditional rights to forest dwellers and compensation for such damages.

Hence a holistic approach involving all stakeholders i.e. forest dwellers, forest officials, animal activists and government of the day can help address the situation.

14. Dr. A.K. Singh, a professor of medicine, is a prominent cardiologist. His personal financial investments include significant stock holdings in three publicly traded biotechnology firms. He is approached by one of these firms to be a lead investigator in a therapeutic trial of a novel agent for preventing tissue damage from myocardial infarction (MI). This will be a randomized double-blinded, placebo-controlled clinical trial (neither patient nor physician will know whether the drug under investigation or a placebo is being used in a given patient). Dr. Singh is quite familiar with the preliminary animal and cell biology work in the area and believes that there is an excellent chance that this new drug will result in a significant improvement in survival and reduce damage to the heart muscle. He even thinks this novel agent may reduce the risk of heart failure and irregular beats. Dr. Singh's group is one of the few cardiology groups fully prepared to carry out this investigation, which is why he was contacted. He cares for a large number of patients with MI and believes that he could enroll numerous patients efficiently. The drug will only be available to his patients if his group participates in the trial. The company is offering Rs. 25 lakh for each patient enrolled. As a lead investigator, he will become much better known and will likely experience an increase in referrals if the trial succeeds.
1. Is Dr. Singh's participation in this study appropriate? Justify your position.
 2. Does Dr. Singh have a conflict of interest? If so, what is the nature of the conflict? How could it be mitigated.
 3. How would the nature of the conflict of interest be different had he not already owned stock, but instead had been offered stock as a form of compensation for conducting the study?

20

1. Dr. Singh's participation in the study could be supported on following grounds:-
- ① His expertise knowledge in the field of preliminary animal and cell biology work. This could help get enhanced results from the study. He also has the expertise to carry out

investigation successfully in the given situations.

② Larger Public Interest

As the result of study can help develop novel agent for treating tissue damage from MI, it can save lives of many people and can add to human welfare.

③ On personal level, it can provide fame and increased number of referrals to him, which can increase his stature and income as a doctor.

But the issue of participation has various ethical dimensions involved which include:-

- ① ~~any~~ Uninformed consent from patients
- ② Conflict of Interest between personal gains and harmful effect on

participants which result in
damaging of professional
ethics of ~~the~~ being a
doctor

③ Monetary benefit of Rs 25
lakh per patient can sub-
due the greater altruistic
efforts for the public
welfare.

2. Dr Singh surely has a
conflict of interest. As
personal gain of Rs 25/
patient enrolled to Dr
Singh comes in the way
of professional ethics.
The benefits of increased
referrals or fame under-
mines the larger question
of safety of his patients,
As Dr. Singh is under
compulsion to enroll his
patient's in the

study. The issue of uninformed consent, use of placebo restricts patient's of their choice behaviour.

Thus the nature of conflict results into imbalance between personal and professional objectives

This conflict could be mitigated by:-

① Conducting the study for free without any monetary benefit for ~~the~~ serving larger public welfare.

② Informed consent from the participant patients in the study.

③ Holding back of publicity of results of studies until it is empirical proven in the laboratory's further testing.

3.