

(To be filled by candidates)

Name of Candidate: .....

Roll Number: 20 No 18..... Test Centre: Vijayanagar.....

Date: 26/01/2020 Contact details: .....

## KPSC MAINS TEST SERIES-2020

NammaKPSC Academy

Test 12 – ESSAY

Time Allowed: 3 Hours

Maximum Marks: 250

### GENERAL INSTRUCTIONS

This is Question-Cum-Answer (QCA) Booklet. Immediately on receipt of the booklet, please check that this QCA booklet does not have any misprint or torn or missing pages or items, etc. If so, get it replaced by a fresh QCA booklet.

There are EIGHT ESSAY QUESTIONS printed.

Candidate has to select ONE essay question from Section-A and ONE essay question from section-B

Each essay carries 125 Marks

Essay must be started clearly on the space provided in the Question – Cum – Answer (QCA) Booklet. Candidate has to clearly mention the essay number in the box at the beginning of the essay.

Word limit, as specified, should be adhered to.

Any page or portion of the page left blank in the Question – cum Answer Booklet must be clearly struck off.

(FOR OFFICE USE)

Date and signature of invigilator

Evaluator Signature

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IN ASSOCIATION WITH BANGALORE IAS ACADEMY

VIJAYANAGAR / HEBBAL, BANGALORE. PH:9886151564/9886777417/080-42103963

(For filling by Examiner only)

Section-A

Section	Comment	Marks
Introduction	<p>→ You could make use of anecdote how e-gov has eased life of people</p> <p>→ Make sure to include policies, controlling authority, Ministry and its works in intro rather than long Examples</p>	25
Body	<p>The dimensions observed were hurdler for connecting all people was addressed but while mentioning the solutions the <u>examples</u> of e-gov are segregated</p> <p>→ Use examples to suggest possible adaptatn / changes required to be made</p> <p>→ Mention clear paragraph upon which you'll pen down further in your essay</p> <p>→ <u>Make USE Flow Diagram</u> to represent multiple ideas</p>	10
conclusion	<p>→ Covered the aspects of what you had addressed</p> <p>→ It can make use of anecdote / quote of positive hope to create much better e-gov in near future</p>	10
Total		45

No mention of data scientists  
Research anywhere in body

Section-B

Section	Comment	Marks
Introduction	<p>→ avoid factual errors (or) when not sure of figure use "average/ usually/ generally/ per say" term to denote figures</p> <p>→ Ex/ stories/ know least ← can be used</p>	10
Body	<p>→ Do not segregate all factual ex at one place</p> <p>→ Sprinkle your examples evenly throughout</p> <p>→ You have good structure, that can be enhanced with minute changes</p> <p>→ Research/ Reports have to supported with "name/identity"</p>	20
Conclusion	<p>can be better</p> <p>make use of pie flow diagram</p> <p>then to conclude in word look better</p>	5
Total		45



GENERAL COMMENTS

- you have multiple dimensions & even great factual examples which require better representation & flow
- This is achievable target with patiently observing & analyzing the blue print you make @ the beginning
- Underline your 'Key Examples' or headings
- Start your examples after explaining what are you about to explain
- Don't be in a hurry to jump from one section to other
- One more step towards success!  
All the Best!  
Team  
→ Namma K PSC

Signature of Evaluator: .....

Evaluators code: .....



E-governance projects in India,  
continues to face various challenges.  
Examine, what is needed is a  
collaboration between the government,  
researchers, data scientists, and Non-  
profit organization. Educate.

E-governance is the delivery  
of services, addressing grievances  
addressal of people, cascaded out government  
functionings with the use of Internet  
and communication technologies. e-governance  
also called electronic governance.

governance concerned with  
delivery of goods and services,  
equitable allocation of resources,  
promoting welfare of people, providing  
equality and Fair justice.

with the advent of e-governance,

instead of elaborating example in huge space you could  
speak about history of e-gov => when did it start in  
India = 1970s

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governance sustainably <sup>careless</sup>  
out its functioning <sup>efficiently</sup>,  
transparently and <sup>provides accountability</sup>

↳ today's e-governance providing  
fastest and reliable <sup>communicable</sup>  
and <sup>participative</sup> opportunities.

It is a <sup>look like "it"</sup> ~~key~~ way towards  
our goal of <sup>attaining</sup> principle of  
our preamble <sup>and DPSP's</sup> that is <sup>inclusive</sup>,  
and equitable opportunities and justice.

→ and it is an step towards promoting  
transparency, accountabilities of  
government functions and their  
works.

we can study the example  
of Adodara village in Gujarat  
state about NIC?

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In that village, made everyday transaction of daily activities (i.e. marketing) by digital.

These In that place, they sought the local government helps for building digital governance.

They opened the people's Bank account with local ICICI bank.

→ linked their bank account with UPI

→ To avoid fraud and such crimes linked Aadhar numbers to the account.

→ and today's everyday transactions related to agricultural purchasing (or) milk buying

tabing? via digital mode. appears as tabing

Another major achievement of this village is in the school of the village, the Audio-video mode of learning takes place through use of technologies.

Pillar of e-gov:

- People
- Process
- Tech
- Review



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Unlike these  
examples, there  
are hurdles to  
meet the  
Criketia

It is a successful example of  
transforming governance to e-governance

We don't arrive at problem by  
these examples, instead they show  
success of e-gov

→ we can learn from this example  
to provide e-governance to address  
the challenges of e-governance;

current challenges faced by e-  
governance projects in India;

Trust! - It is the first and  
foremost challenge faced by  
government today. Lack of trust  
about the projects by people (or)  
participative side.

The recent data leak of some  
military sphere, aggravate this and  
widen this trust deficit.

which one?  
Mention the example if  
possible (or) the  
essay looks pale &  
wide ended

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① Resistant to change:- people and some case administrators mindset cling on to old paper based work. they resist the change of e-governance and computer based practices

② Digital divide:- It is the one of the main important problem of India. Digital divide - created in terms of economical, infrastructural and digital dimension.

In term of economy, it due to and have not people with less money / poverty people cannot able to access technology

Correct

③ Infrastructural:- terrain, and hilly, (or) extreme physical characteristic



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areas people cannot use the  
technology due to lack of penetration  
of technology.

No awareness

Covered under Digital Divide

digital literacy! - lack of knowledge (or)  
education to access the services of  
government projects

Talk about budget allocation

cost! - The cost of the projects  
are very high in developing countries

like India to provide digital  
infrastructure is very challenging  
aspect. According to survey,  
still in some places/region of

country cannot able get the  
basic infrastructure, then it is  
very challenging path? for e-governance  
penetration.

language! - Acc. to some survey only 33%  
internet user can understand English  
language.

Don't keep words open ended



Security Issue! - Due to the cyber  
crimes and threat it leads to access of  
data leads to breach of security  
of nation (or) state.

Eg! - the recent several access of  
famous corporate company Cognizant.  
being in the corporate sector, it only  
not able to provide security of its  
data. this pose a challenge for  
previous data / information.

Example is  
correct  
but it is  
not  
rated  
poorly in  
sentence  
it failed to  
secure data

Privacy Issues! people in India more  
concerned about their individual  
privacy and because of their  
traditional mindset, they are not  
showing interest for e-governance in  
some cases.

Eg! - Aadhar enabled services payment  
many people are reluctant to take this  
advantage because of the ~~security~~ <sup>privacy</sup>  
~~issues and financial frauds~~

How?

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so to address these challenges  
government must take some effective  
methods procedures to take benefits  
of e-governance share!

few of

the suggestion/bright side to remove  
① In addressing the key factor → hurdles  
are:-

government must take citizens  
concerns into main aspect, and by  
demonstrating some of the recognized  
success examples try to eradicate  
trust deficit.

How? mention Examples  
of policies

It takes place from the  
grass root level through panchayats  
and self-help organizations.

② resistant to change attitude:-

giving example of benar's  
digital grampanchayats How they  
revolutionized the digital adoption.  
same procedure should be followed for  
other regions.

① Bhoomi project  
② Khajana project  
③ e-sewa  
④ e-court  
Nitya

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③ Cost :- To providing Infrastructure like laying broadband (or) Internet connections, to address the cost challenge, make provision of 'PPP' public-private partnerships. Eg:- with the services can be made use with government concentrations. Eg:- Bharat net project good example for providing Infrastructure for gram panchayats.

④ Security and privacy issues can be addressed with proper data management, adopting systems which avoid and detect denial of service attacks. "Cyber Swachh Bharat" can be

⑤ To address language barrier - make providing the services via their local language.

⑥ To address digital divide, give success practices via good international incentives. Economic subsidies for - encouragement to digital technology.

CERT-IN  
How?  
Mention Digital wing of "Cyber Swachh Bharat"

Adopt Model



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-> And made collaboration with  
researches and technology companies  
regarding cost and infrastructure  
issues and make some fair agreement  
to promote e-governance

-> And civil-society organizations must  
come forwards to address the challenges  
by creating awareness about people  
and alleviating their myths.

↳ To make use of these efforts  
we can make e-governance is a potential  
tool for citizen services. it applications  
~~are made, work those were,~~

① E-Education: — swayam — MOOC program  
(from 9th to post graduates)

\* Edusat

② online-classes

③ E-Health: — 40DF's — open online  
consultative services

(\*) Arogya setu-APP :- is an good example  
(\*) virtual-clinics

⑤ e-governance :- M7gov platform  
 \* DARPA → government policies and programs  
 \* PRAGATI → proactive governance and  
timely implementation.

⑥ Environment clearances → single window  
clearance

→ ENVIS information regarding  
pollution.

⑦ E-courts :- E-courts, telelaw etc.

⑧ Financial applications - Electronic fund  
transfers, UPI's, BHIM APP. etc.

we can see the number of  
success stories of e-governance  
projects. (\* e-NAM, (\* Common service-  
centres, Krishi metra APP's, weather  
and disaster information etc.

and successful projects of  
khajane project of barnataka. digital  
management of treasury services.



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to bring transparency and accountability  
\* Shooom project → digitalization of land  
records of people etc

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→ covid-19 period to maintain  
the administration and to address  
the problems of people. in every  
sphere of it e-governance played  
very important role. it is an  
successful use of technology <sup>write</sup> to the  
homoface. to address problems of  
people and provide services

eg:- E-Health initiatives, consultations.  
E-education.

solving of cases - (Judiciary), etc.  
→ To address psychological issues  
during lockdown (e-consultation) etc.

∴ e-governance is the  
advance of the century to

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make the potential use of this we  
need to address the challenges of the  
e-governance. by providing suitable  
alternatives (or) solution.

e-governance is an tool to  
bring transparency, efficiency  
and accountability by eliminating  
red tapism and leakages.

→ In rural-administration it plays  
potential role to upliftment of people  
to address their barriers and bring  
people to mainstream development

Therefore, avoids short-hand-symbols  
E-governance acts as two  
faces of the same coin, by  
minimizing its negatives / challenges,  
make use of it, it is necessary  
for the diverse country libe-

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India to achieve its constitutional  
objectives and providing equitable,  
Fair, inclusive justice to every  
citizen of the country.

Right!

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Government of India's Digital India  
project, and E-kranti (e.o) National  
~~data~~ Telecommunication policies are in  
their direction

Good

what is needed is instead of one-  
size fit all approach, there is the  
specific <sup>factor</sup> addressing policies must be  
the need of the house if it is to be  
bring wide consultative wide experts,  
scientists and practicing international  
success practices.

→ so that we can effectively  
address the e-governance challenges  
and make use of its effective  
advantages.

Candidates  
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write on  
margin

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Global warming is the biggest threat  
 humanity has faced. The ambitious  
 climate action committed by governments  
 needs to move faster and with greater  
 urgency.

Global warming is the increase  
 in the temperature i.e. surface temperature  
 of land and ocean, due to tremendous  
 emission of green house gases, it  
 leads to increase the absorption of  
 long wave ~~ultraviolet~~ infrared radiations. It increase  
 temperature of earth.

It created imbalance of the  
 exchange of heat energy and become  
 the major problem of climate change  
 today.

The global temperature increased  
 0.085 times more from 1880 to 2011  
 level.

0.8 times according to what studies?

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→ Increased in the anthropogenic activities  
in addition to the natural climate change  
pattern. increased the global warming and it is  
major problem of humanity today.

Natural climate changes does not  
cause much effects, that can balances  
by themselves. but human induced  
effects are irreversible. that to

greedy nature of human bring the  
human life to threat today

It can be seen from the  
occurrences of frequent floods  
heat waves, and palau vortex phenomena

Therefore Grandhiji rightly said,  
Atatuse satisfies human needs,  
not his greed.

(P. T. O)

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Effects of  
Climate  
Change

Floods

Palau vortex

make a  
flow  
chart

Heat  
waves



We can see the reason for ~~global~~ warming;

Candidates Must not write on this margin

Global warming

① Increased Deforestation:- It leads to elimination of carbon storage, it counters the more CO<sub>2</sub> in atmosphere!

Ramsey Convent Report

② Destruction of wetlands -> wetlands are the great sources of CO<sub>2</sub> and other green house gases. destruction of these leads to Increased green house gases to atmosphere



Then Explain them

③ use of more fossil fuels -> releases of more N<sub>2</sub>O, fluorides and sulphur oxide. which are the potential global warming agents.

④ Destruction of waterbodies -> which are the potential source of blue carbon storages. Eutrophication?  
eg: lakes, marshes etc.

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Vienna  
Convention

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⑤ Depletion of ozone layer:- It increases  
the chances of entering of CFCs into  
atmosphere. Which gases?

⑥ Industries → coal based industries releases  
nitrous oxides, fluorides and other gases

⑦ Unsustainable agricultural practices:-  
Agriculture is the main emitter  
of CH<sub>4</sub>. not proper methods of  
channelizing it will contribute  
to global warming.

Effects of global warming:-

① on Health:- Global warming affects  
very dangerous effects on Health.

Eg:- respiratory problems.

\* Heat waves → According to some  
reports 61% of increased deaths due  
to heat waves where?

\* Communicable and epidemic  
diseases etc.

Don't  
give fact  
open ended  
fact  
check

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② on-seas! - Increased the sea-level changes. ~~0.024~~ <sup>4 inches</sup> increase in the level

of seas every year due to climate change. 0.14 inches every year

\* It leads to the loss of the lives of the communities living near seas. loss of habitat etc.

③ merging of low-lying lands near sea. Eg! - maldives recently said if climate change continues like this we need to rent a land in some other countries

-> we can see the extremities of global warming effect here

Candidates Must not write on this margin

last check from (2006-2015)

Mention the smallest island countries as etc

③ ~~Effect on~~ Effect on agriculture! -> Increased droughts leads to the crops failures

-> even floods damage the crops and livelihoods

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Example - now a days we can observe  
non seasonal rainfall.

It leads to the pest attacks,  
locust attacks is an very good example  
for this.

④ Effect on environment :-

→ uneven floods. destruction of  
lives and livelihoods.

→ heat waves.

→ Glaciers and icecap melts.

→ depletion of ozone.

→ Arctic pollution.

⑤ Effect on food-security :-

→ Effect on Agriculture directly  
co-relates with food security. it  
leads to food scarcity.

\* increases poverty, hunger  
deaths etc.

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more dimension  
flora  
fauna  
Endemic species  
species



⑥ Effect on socio-economic conditions of people :- (X) Increase poverty

(Y) employment loss

(Z) Inflation

eg:- crime rate increases due to scarcity of resources Climate immigrants!

Where  
which  
Country  
Climate immigrants!

⑦ Effect on Polari region :- It has direct effect on the weather phenomena of local climates. eg:- Polari vortex. In the 'US' people experience high winter waves.

⑧ ~~Global warming~~ ocean-acidification increases the Hydrogen concentration. Increased eutrophication. Threat for marine life.

N? ↑  
C? ↑  
lack of O<sub>2</sub>

\* Coastal Reef bleaching etc. -> It leads to Further increase in atmospheric

CO<sub>2</sub> ✓

Do not make this Examples a separate list altogether  
Free them between your Explainations later,  
You can represent these again in your

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Global warming has effected the  
every sphere of human life. So  
that addressing this issue is very  
much pivotal preference,

In the line of this governments  
come forward with different committee  
like, (i) montreal protocol - (1987) - on ozone  
depleting substances. this has got much success

(ii) UNFCCC - 1993 - United  
nation framework on combating climate  
change. Under this, global-communities  
take effective steps to address  
climate change issues. in that,

(a) kyoto protocol:- It made  
common but differential responsibilities  
it made <sup>mandatory</sup> 5% reduction by the  
developed countries.

→ but this takes 8 years to  
come into existence.

Good



(b) Paris agreement! = It made emission limit 1.5°C to preindustrial level.

but countries are causing their efforts without meeting their targets.

→ countries should take part in the addressing global challenges. make their efforts in scientific, renewable and other environmental fields to curtailing climate change.

→ The administration made exist from the Paris deal. concern how countries required from the Paris deal. eg: US in → These practices need to be curtailed.

write like this

being an more contribution of carbon house gases, making it more unethical and unacceptable.

global communities should be make some commitment to bring target (or) self motivated action?

INDC?

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(\*) China has told it will take  
reduction commitment after 2060.  
By these independent decisions regarding  
global issues should be tabled and  
set up proper climate club, to take  
actions on these issues. *Mention of  
INDC?*

(c) edue COP (25) (madrid) → mention the  
importance of blue carbon resources  
for climate resilience,  
and need of renewable energy  
for the mitigation *which*

→ one report says if we miss the  
limit of 1.5°C, before 2030, we  
miss the target of climate change  
and it will bring unfavorable  
consequences.

→ already we are seeing 2015 is  
the hottest year on the earth.

Give it more  
feel like  
Keep all  
together if you  
keep all

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Cand  
Mus  
writ  
this



World Resource Institute, pressed the need of global stocktake measures and given some measure for limit global warming, to limit the temperature increase. (to 1.5 and 2°C pre-industrial level).

1) In power sector! - It made emphasis for use of renewable energy sources.

2) In steel and cement industries → use of reuse policies and emphasis for behavioral change about people.

3) promotion of steel scrapage policies to limit CO<sub>2</sub> emissions.

4) Construction of green and eco friendly houses / constructions.

5) Sustainable agriculture practices.

6) Transportation sector → use of Electronic vehicles → to mitigate climate change impact.

→ Eco friendly  
Water  
Recycle  
Solar  
Power

FAME?

Green Building of India  
Eco Niwas

GRHA Rating

→ These guidelines should be followed by national governments when they are planning their policies.

Some countries practicing the sustainable energy practices, eg: Brazil producing its 80% of its energy requirement through the renewable sources.

→ China and USA are not causing about the climate issues and controlling their developmental works.

Some countries like India, taking moderate efforts towards reducing climate impacts.

eg: (i) National climate action plan.  
(ii) National solar alliances  
(iii) one-sun-one-grid-one-world initiatives.



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and some efforts like, Surya Putra  
doctrine of equatorial region countries etc.

To counter the effect of climate  
change countries should come forwards  
instead of developing own agendas, homogeneity  
needs to be addressed.

flow  
chart

In coming conference of parties  
which will go to take place in  
exhibition next coming days made  
provision of compulsory commitment  
and efforts and take accounts of  
their total stock take

correct

-> If they are not committed (or)  
agreed for their efforts, stringent  
exclusion (or) punishment principles  
needed to be followed.

Use  
different  
team

1) Sanction  
2) Penali-  
zing

3) Disajb  
= Hing

↳ Global warming become the  
problem of everyone, even the

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right of unborn to be protected, to  
protect them from ~~unborn~~ Inhumanistic  
effect of global warming

→ so regarding this, from local  
government to national level, national  
level to global level stringent  
efforts and environment friendly  
efforts should be cultivated.

~~good~~  
government, civil-society organizations  
and International NGOs like for  
eg. Global reef watch. etc. similar  
such NGO's meet come forward.

meanwhile following collaborations,  
concerned efforts must take place  
from environmentalists, students,  
researchers and every person  
towards climate actions

Conclusion can include Anecdote (ex of better hope)  
(or) Constructive possibilities

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Candidates  
Must write  
this



∴ avoid risks  
then only we can protect and  
sustain our common existence from the  
threat of climate change and global  
warming.

"Manhattan" principle: one-Health  
approach never relevant here, Environment  
and human are one. If Environ  
ment is good and healthy, humans  
will be good and Healthy.

∴ Hence all should contribute  
towards the reduction of global  
warming with great urgency  
without any reasons and delays.

(1) E-governance → Introduction

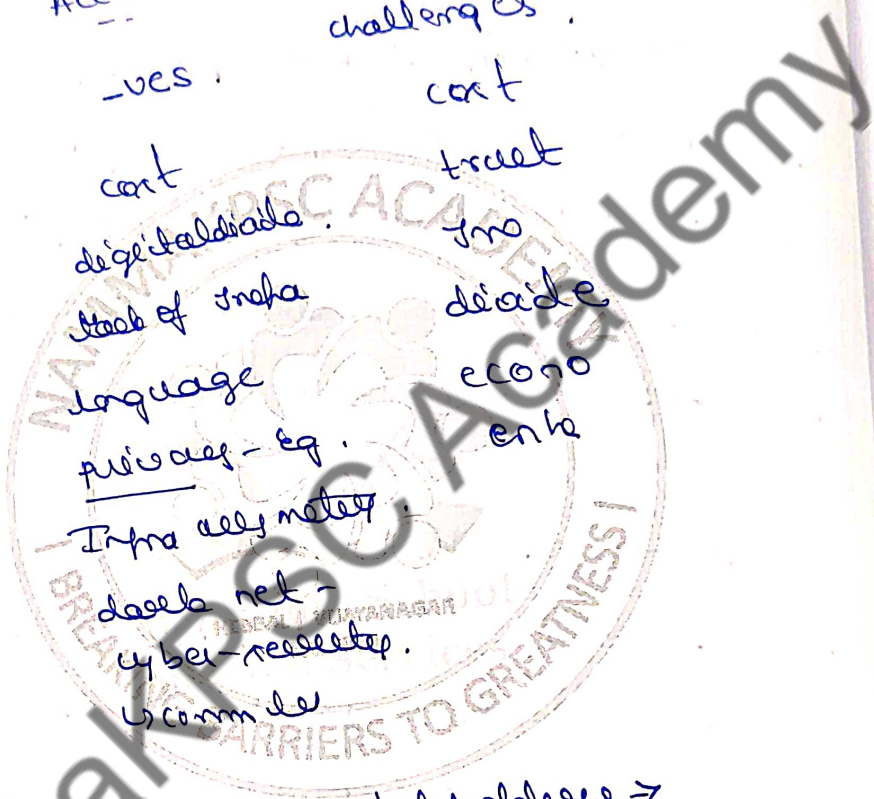
gov -  
e-gov ->

Transparency  
Accountability :-

-ves . challenges

(\*) +ve

- education
- agri field
- e-health
- e-justice
- e-gov
- e-educat<sup>n</sup>
- env-busines
- e-agriculture
- disaster mgmt



cont  
digital divide  
lack of infra  
language  
privacy - eg.  
Infra connectivity  
dial net -  
cyber-security  
e-comm

cont  
trust  
infra  
disaster  
econo  
enb

co-ordinate b/w diff stakeholders →

excellence  
Agriculture  
charms  
ARPAN  
prograte  
nylas

shakti net  
national road  
mission

Eg: Arudra village  
consumption  
deficit in  
good comm<sup>n</sup>  
transmission

(→ schools)

conch → e-