

UGC-NET

Paper - 1

NATIONAL TESTING AGENCY (NTA)

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TEACHING & RESEARCH APTITUDE, COMPREHENSION



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Teaching Aptitude study-notes# Dynamic Study @ Youtube Definitions it is manipulation of situation, where the Jeannes will acquire skills & insight with his own initiation. -, it is [interpersonal] influenced aimed at changing the behavious potential of another person. # Types -- Teacher centeric 1) olutocratic method - Teacher decide everything + No Feedback - blu more mature & less/ no mature one 2) Democratic Teaching - Best method * Definition Student Centric - Feedback is always done 3) Laissez - Faire Teaching - Put your hands off - Teacher is not concerned with student, Bachon ki gaadi som bharose hai, teacher ko Koi matlab nahi hai. Teacher is expecting k bache april aap seekh jaege. Subject Centric



Nature & Characteristics -

- 1) Prevision for desirable information
- 2) Need efficient planning
- 3) Selective + Empathetic + Progressive + Democratic + Cooperative [kisi or ki condition me] [opposite to Autowate to Autowate
- 4) Leads emotional stability
- S) Diagnostic + Remedial
- 6) Organize learning
- 7) Social Process + interactive Process pro

Objective -

- 1) To improve leavining skills of students, including methodological, suitical thinking, writing, creativity, hypothesis.
- 2) Subject knowledge Meash the topper in you
- 3) Makes one a best worker & best thinker.

#PTO 1 8) is and & science

- a) is observable, measurable, modifiable
- 10) is skilled occupation
- 11) is both conscious & un concious process
- 12) is from memory level to suffective level
- 13) is continuum of training, conditioning, instruction & indoctrination.



Teaching Style-

- 1) Formal authority
- 2) Demonstrator
- 3) facilitator
- 4) Delegator
- 1) Formal outhority -
 - -> dutouetic le Teacher centred
 - → focus on content only
 - > Teacher gives into k student receives.
- 2) Demonstrator or Personal model Teaching
 - > Teacher centered
 - → Focus on Demo & modelling gg dab experiment
- → Jisme teacher experiment karege & student sing dekhenge & sikhenge 251 the topper in your
- 3) facilitatar -
- who support I help in completion of test
- > focus on activity.
- > Student centered, eg lab me student experiment khud bni kasage
- > Done group activities for student collaboration, active leasing & problem solving.
- games etc.



- 4) Delegator.
- -> have control or susponsibility of Jeasining on students (single/group)
- → eg School Project yo student khud bnate hav bus topic teacher deta fai.
- @ Higher Education
- -> Teacher work as consultative rale, ie help students in problem solving only.
- # Levels of Teaching -
- 1) Memory level Thoughtless teaching (Cramming)
- 2) Understanding level Thoughtfull teaching
- 3) Reflective level Upper thoughtful level
- memory level Unleash the topper in
 - * initial stage of teaching (Base) (Lowest level)
 - * Rote learning eg nursury class me bacho ko A,B,C,D . iat staware mai
 - * Stimulus Response is done
 - * Evaluation is done oral & written.
 - * it does not improve intelligence & increase students capability but is sequired you other types of teaching levels.



- ⇒ Understanding level teaching (ULT)
 by mostis
- Develop intellectual behaviour. by mossison
- Memory plus insight
- evaluation -> written + objective
- means per perceive the meaning you life time.
- A, B, C ka meaning teacher explain karega k
 btaega k kahan use kasna hai inko.
- so it is some how based on MITI.
- focus on mastery of subject (subject centeric)
- > Reflective level (RLT) of Introspective level
- Peroblem centered Teaches how one can solve real life problems.
- based on ULT + MLT (Student Centeric)
- Den k independent in class env.
- Attitude + belief + involvement are evaluated mostly using essay type

eg ssc me essay writing test hota hai, jis se we come to know about mentality, thinking level of the candidate.

Thinking deeply

about something

- Highest level

- Role of teacher is Democratic



· Learner's Characteristics

- Jeanning is strongly based on intellectual level, cognitive level ability, perception, personality & altitude of a learner.
- learners are bound to get influenced by social arena, cultival habits & willingness of person to adopt change
- can be identified by collecting into based on their cognitive, academic, emotional & social characterism.

 (4 heads of Jeanners)

 Related to memory, mental pressure, problem solving ex
- include mood swings, self conciousness etc.
- 3) Personal age, gender, language, matiration er

categories of LC-

social & personal quality.

growth & development,

willingness to leaven.

interest & attitude of learner

easily adjustment to change

internal motivation

social-cultural background



किशीर # Characteristics of Adolescent learner -

Academic

- Demand the relevance in - Moving from concrete abstract thinking,
- High achievement when challenged & engaged.
- Profess active over possive learning experiences.
- Interest in interacting with peers during learning activities. आस वास के लोग

Emotional

- Moodswings that are unpscedictable.
- High energy & bhi imalue bad activity me ho jate hai.

Needing to retease energy, with sudden outburst of game playing, activity, eg ese ti kudna ex jis se energy use hogi Destre to become independent * search yor adult identity acceptance.

- modeling behaviour after that learning a what is being taught of older students, parents & other adults ie.

in sab k benoxiaux ko copy trasure lagte hai is age me. - Experimenting with ways talking a acting as part of searching for social position with peeas.

they try k inti ek social position (image) ban jae.

- Explosing questions of racial ethnic identity & seeking peers who share same ie same devel k ya bg k dugon k south linke groups bon jake hai - feeling prightened by initial middle school experience (msE) ie MSE se ye bohot danay those that his ab mext pato making kya hoga.
- Liking yads & being interested in popular culture, re eg bollyumi ki tanaj [nka interest bookhege.
- approval - Secking others with attention getting behavious.



Emotional

- Self consciousness & being sensitive to personal criticism.

- Concern about physical growth & maturity.

- belief that thier personal problems, Jeelings & experiences are unique to themselves.

- Overseacting to vidicule, embarcasement & sujection.

- an intense curiosity & wide sunge of intellectual pursuit that are yor long team.

(cognitive)

Adolescents ko control a direct control a direct kasına padta hai has situation k me & it is done by Jamily + teachers Cognitive

- An understanding of complexity

at a sue of prom to

cut kare to suck jao. is age

me bache is type k guston

pe your kaste hai k question

kare thai k suaron mangte hai

Interested in demosacy.

- Importient with the pace of change in society, Jamily etc. they want k changes ftafat ho & they think k ye sab changes easy hote hai.

- Ability to be self reflective. ie have this april upar impliment karne lagte hai.

Characteristics of adult Learners

Academic

Require big picture view of what they are learning.

They need to know how small parts fit into larger landscape.

[inko pta hai k choti choti mehnat se hi kuch bada milega]

- Are result axiented.

They have specific expectations

you what they will get out

of dearning activities & again

unko lagta hai k goal achieve

Social

learning community · Prefer a with whom can interact they & discuss questions leasines have - Many responsibilities, it SSULS dearning, affect their treated with bе - Want 40 sespect.

Adults ko control & direct nahi kasına padta



Academic

nahi hoga to wo easily give up kan denge.

- Priefer practicle reather than listning to dectures.

Cognitive

- take success or failure.

- are self motivated k ready to earn k are more intellectually stable.

- are autonomous & self directed.

- want to apply new knowledge & skill immediately.

Emotional

- Priejer a sense of control

They like options & choice in their Jeasining env.

may acquire psychomotor skills more slowly & have more difficulties reading small font & images.

- Adults may Jean a subject, have anxiety or Jeel anger about Jorced changes in Job responsibility.

They like to gain competence in workplace skill as it boast confidence & self esteem.

Adjustment to change - Not easy

Indivisual Differences

- Rate of development is not same you all individual
- Jeasning is most effective when differences in Jeasness, language, culturel, social behaviour are taken into a/c.
- ID is the wheven state of growth & development

among individuals.

- # major factors of difference in individuals-
- [Heredity & Environment] se hum check kan sakte

thai k two person apas me alag kyu hai.

- Physical Condition - reacting time, speed of action, und with born handicaps (deff, mute, no leg/axm)



- Aptitude & Special talent talent in music, acting, science ex
- Grender eg males are aggressive, et à jemales are passive, sensitive ex.
- edge -
- Temperament -

egi A is [emotional] in every situation & B is not so it may create difference in Jeanning speed & other Jactors.

egg Stability + maturity + negetive & tre metality ie. -re wala jaldi noni cope up karta but tre wala Jaldi sikhiga. Somehow it is related to Heridity.

- Introversion & Extroversion eg Greetu eg Anku
- *Intro-version like to work in peace, quite & with less contact of people.
- * Extroversion enjoy interaction & always want to lead a group. Like teamwork.
- Efforts making copacity-

A effort datta hai k bas me kese bhi ye sikh lu.

L B effort mani karta zyada.

So ûnti learning à susuit différent hage

- Criminal tendency -

Jinke ghar me / society me cominal secorded log ho to wo bhi isme your kaste hai, thats why leaving peoper nahi hogi.



Environment types -

- 1) Family Background.
- 2) Community Background.
- 3) School Background.

Teacher should be sensitive to individual differences.

- * It is wrong to expect uniformity in students : not everyone has equal level of capabilities.
- * All students can not be benefited by particular method of instruction so teacher to ye dhyan rakhna thai k method time to time change hota suche taki koi student suffer no kare.
- * A teacher must work to marimise the growth of each child.



· Factors Affecting Teaching

- # Related to Teachers-
- Appropriate training / Educational Qualification
- Background Educational/social
- Clear. & Concise communication
- Experience of teacher
- Imovative Teachers
- Managing Students behaviour
- Personal Nature + Personality
- Skills Autocratic/ Democratic
- Values
- # Related to Learner -
- Intellectual Ability
- Attention Spans ie. if student gives more attention in leasining than they understand light faster.
- Priar knowledge ie, student ko perle se kitna knowledge hai.

 knowledge hai.

 g if unko basic knowledge hai, tabhi hum aavance karwaenge.
- Physical factor ie. Students ka mental development k south physical development bhi imp hai. or wha khan paan kesa hai.
- Emotional & Social factor ie student ka social envices hai & emotionally wo strong hai ya koi yomily, frenz, society issues ki wajah se emotionally weak hai. Ye sah unki Jeanning ko effect karega.



- Readiness - ie dearner me kitni seekhne ki icha hai . if zyada hai to ke
if seekhne ki chahat zyada hai to wo dearner bohat jaloli seekh jaega k baki sab slowly sikhenge.

Related to Jeasing environment -

- include school & home env.
- Use of technology in school.
- A Quality library.
- Up to date textbooks & other instructional material
- equipments & school supplies:
 - ie. agai hum safe & calm env. me padhte hai to humari dearning achi hogi.
- # Related to institutions -
- Reputation Facilities Geographical Jocation
- Poor Funding Lack of frequent curricular review
- Overpopulation Staff strike Admin policies
- Poor relation b/w institute & law makers
- Inadequate teaching & research facility
- + Related to Support Material -
- LTSM Learning & teaching support material.

 include learning & teaching materials used in classroomwall charts, workbook, motebook, stationary,

 dictionary, e-books etc.

 auality of support material is imp.



- Supplementary LTMS & up to date maserial. to instructional yacilities-
- are instructional facilities eg library, Teaching aids classrooms.
- one can give instruction in a good enu where
- ho unko hum jo bhi If Ease of access ie ache se use & access kou sake.
- Uses friendly
- Creative & intresting
- Sufficient space
- Psioper mgt of IF.

in Institutions teaching Methods higher learning

main purpose of H. Eeducation is to deliver into & which is possible at school. level beyond that Two methods of teaching in H.L.

Student Centric

qually/share yours.

Group work is encouraged

students callaborate emmunicate with one another

Teacher Centric

Students à teachers interact Students put jours on teacher. - all work / lectures are done a/c

to teacher.

Teachers talk & students listen

- Students work alone k collabora-

tion is discouraged.

Totalitional Method

Students Jean on their own.



Student Centexic Advantages

-) Students dearn important collaborative & communicative skills through group work.
- 2) Students Jeason to direct their own Jeasoning & complete task independently.
- 3) Students are more interested in Jeanning activities when they interact with one another.

Disadvantages

- 1) Students may miss emp facts.
- 2) For some students it may cause problems.

Teacher Centoric Advantages

- 1) Classroom remains arderly Students retain quite be teached has full control on all the activities.
- 2) Students Jean their own so become independente & make decisions.
- tu) Don't allow students to express themselves, ask questions.

Disadvantages

- i) Students don't Jean to collaborate
 - 3hthe topper in you

Online vs. Offline Teaching

On - line

- Use of internet + web.
- Teachers & leaviners are space,
- it is visitual environment.
 - ie called networked enu.
- visited teaching or online tutoring or e-leavining.

Off-line

- Traditional closses.
- Practicula work, workshops are done by it in a better way,
- you have to opt institute or academy yor dearning.