

ICAR NET- 2023 Agricultural Extension Paper

S.No	Questions	Answers
1.	The word Extension is derived from	Latin
2.	The term Extension originated in	England
3.	Extension education is	Non formal Education
4.	Land Grant Colleges came into existence as a part of	Morill Act
5.	The Scheme of Rural reconstruction started by	Daniel Hamilton
6.	T and V system originated in India in the year	1974
7.	Individual or decision making unit forms a favourable or unfavourable attitude towards the innovation is	Persuasion
8.	The Word Diorama derived from	Greek
9.	FAO was established in which year	1945
10.	South Africa joined BRICS in the year Explanation: BRICS was formed on June 16, 2009, and South Africa was the only country to join the block after its formation in December 2010.	2010
11.	According to Singh, the fourth stage of adoption is	Deliberation
12.	SREP (Strategic Research Extension Plan) is a component of Explanation: The SREP contains detailed analysis of all the information on existing farming systems in the district and research-extension gaps required to be filled-up. It also prioritizes the research-extension strategies within the district. It becomes the basis for development of work plans at blocks/ district level. prepared by ATMA MC.	ATMA
13.	Index used to measure Gender gap /Gender discrimination	Gender Inequality Index (GII) using three dimensions: reproductive health, empowerment and the labour market.
14.	Highest level of measurement is	Ratio scale
15.	Focussed group discussion is an example of (Focus group discussion is frequently used as a qualitative approach to gain an in-depth understanding of social issues.)	Qualitative research method
16.	AGMARKNET is a ICT component of	Ministry of Agriculture
17.	Kisan Call Center Toll free number	1800-180-1551
18.	Speaker- Speech-Audience communication model	Aristotle model
19.	Encoder-Interpreter-Decoder is element of which communication model	Osgood-Schramm
20.	Late majority	34%
21.	Cautious and Sceptical	Late majority
22.	Dimensions of Gender Analysis framework (Four Dimensions of GAM i.e., the level of women, men, households and the community).	Four
23.	Transactional Analysis given by	Eric Berne
24.	Father of Human relations approach	Elton Mayo
25.	Organizational Behaviour focussed on the development of	Employees
26.	Hawthorne experiment is related to	Motivation at work
27.	TV screen aspect ratio	16: 9

	Note: The aspect ratio is the ratio between the width and the height of a display. It defines its overall shape, and it is usually presented as W: H (where W is the width, and H is the height). All TVs sold today have an aspect ratio of 16:9 , which means that if the width is divided into 16 equal parts, the height of the TV or picture should be 9 parts.	
28.	The Flannel graph used for 150 people	30"x 40"
29.	Gyandoot project started in the year	1st January, 2000
30.	The method where free flow of ideas occurs is	Brainstorming
31.	Complementary to Result demonstration Explanation: Result demonstration is to show locally the worth or value of a improved practice over existing practice. Result demonstration includes several method demonstrations (e.g. seed treatment, scientific soil sample collection) and conducting of field day at the end to show worth of improved practice. So MD is part and parcel of RD and complementary to RD.	Method demonstration
32.	Percent of remembering by watching any Film/Video	50% (Seeing + Hearing)
33.	Organization to promote sustainable development and eliminate poverty Explanation: The Department for International Development (DFID) DFID was a ministerial department of U.K. from May 1997 to September 2020 responsible for administering overseas aid. The goal of the DFID is to promote 'sustainable development and eliminate world poverty'. DFID an international development leader in times of global crisis.	DFID
34.	Proposed statement that studies the relationship between the variables	Hypothesis
35.	Give stimulus to Individual a) Test b) Scale c) Index	Test
36.	Wireless connection that connect the devices in a proximity	Wi-Fi
37.	The stage not a part of wanders model of program planning a) Situation b) Objective c) Plan of work d) Calendar of work	Calendar of work
38.	Objective formulation phase a) Program planning b) Program implementation Explanation: Steps in Programme Formulation/Programme determination phase are: Collection of Facts, Analysis of Situation, Identification of problems & Determination of goals and objectives	Program planning
39.	Arrangement of resources, money, material to coordinate the activities is called	Management
40.	SAARC established in the year	1985
41.	Operational research project started in the year	1974-1975
42.	ICAR and SAUs are	First-line extension systems
43.	Starting in the year 1974, the most important objective of KVK is	Vocational Training
44.	Grow more food campaign started in the year	1952
45.	Ford foundation team recommended	IADP, IAAP, HYVP
46.	30% of SC/ST beneficiaries included in the programme	IRDP
47.	Demonstration of newly released technology	FLD
48.	Single window system is a component of	ATIC
49.	The apex training institute at state level to give training support to ATMA is	SAMETI
50.	Ideal number of flash cards is	10-12
51.	Which is not a display aid Explanation: Flash card will come under graphic and printed aid. Black board, magnetic board, bulletin board & Flannel board will come under display aid.	Flash cards
52.	Miniature replica of an object is called as	Model
53.	Strengthen Farmer-Research-Extension linkages in a) NATP b) NAIP c) ATIC Explanation: ATMA started under Innovation in Technology Dissemination (ITD) Component of NATP. An autonomous organization at district level	NATP

	for integrating Research- Extension and all stakeholders to support the farmers need and interest through an integrated approach.	
54.	Innovation technology dissemination(ITD) is a component of	NATP
54.	Research on Production to Consumption Systems (PCS) in a) NAIP b) NATP Three priorities under NAIP are: • Research on Production to Consumption Systems (PCS) • Research on Sustainable Rural Livelihood Security (SRLS) • Basic and Strategic Research in the Frontier Areas of Agricultural Sciences (BSR)	NAIP
55.	Trustworthiness and competence means	Credibility
56.	Which of the following is not a group contact method a) Computer instruction b) Result demonstration c) Method demonstration	Computer instruction
57.	Distance in any given direction one is expected to go during a particular period of time is called	Goal
58.	The ‘Theory X’ and ‘Theory Y’ were proposed by	Mc Gregor
59.	3 Needs theory was given by	McClelland
60.	The word Video is derived from	Latin
61.	Ideal chart size	
62.	Dissonance occurs throughout which stage of Innovation decision process Explanation: Discontinuance occurs at ‘Confirmation stage’ throughout and the individual seeks to avoid a state of Dissonance.	Confirmation
63.	Innovation technology dissemination(ITD) is a component of	NATP
64.	The first Extension Education Institute started in	Nilokheri
65.	Which method is rarely used in India	Personal letter
66.	5W (What, Where, Whom, Who, Why) and 1H (How) indicates	Plan of work
67.	Training is given to improve	Knowledge Attitude Skills
68.	Critical Path Method (CPM) was developed by	Du Pont Company
69.	CPM and PERT are used in	Project management
70.	Which is not a Livelihood analysis tool a) PRA b) Resource Map c) Farming system d) Cost benefit Livelihood Analysis: Tools used are farming system diagram, benefit analysis flow chart, Seasonal calendar, daily activity clock, Income and expenditure matrices, and resource picture card.	Resource Map
71.	Commission on status of women	1946
72.	South Africa joined BRICS in the year	2010
73.	Nearest wireless network that connect the people in the same room (A personal area network (PAN) connects electronic devices within a user's immediate area).	PAN
74.	The computer-generated simulation of a 3D image or environment that can be interacted with in a seemingly real or physical way by a person using special electronic equipment (For more information refer ICT unit in comprehensive and competitive extension book)	Virtual reality
75.	Indian society of Training and Development established in the year • The Indian Society for Training & Development (ISTD), established in April 1970 with Headquarter in New Delhi. • The Society is affiliated to the International Federation of Training and Development Organizations (IFTDO), USA and Asian Regional Training and Development Organizations (ARTDO), Manila. • The Society publishes a Quarterly Journal, “Indian Journal of Training and	1970

	Development”. • The ISTD offers ‘Diploma in Training & Development’and conducts a Distance Learning Programme of 18 month’s duration. • ISTD has been designated as the National Nodal Agency to ‘Testing and Certification’ of Skilled Workers in the organized and unorganized sectors.	
76.	National Extension Service (NES) started in the year	1953
77.	Self Help Group first formulated by	NABARD
78	SITE in the year (Satellite Instructional Television Experiment or SITE was an experimental satellite communications project launched in India in 1975 designed jointly by NASA and the ISRO. The project made available informational television programs to rural India).	1975
79.	Logical Framework Analysis (LFA) given by (Logical Framework Analysis or Project Framework is a tool for planning and managing development projects developed by USAID in 1970s).	USAID
80.	Automated telephone system that combines pre-recorded messages or text-to-speech technology (Interactive voice response or IVRS, is an automated telephone system that combines pre-recorded messages or text-to-speech technology with a dual-tone multi-frequency (DTMF) interface to engage callers, allowing them to provide and access information without a live agent).	IVRS
81.	Number of Axioms in Market led extension Explanation: According to Singh, Swanson & Singh Four axioms (principles) of MLE are: • The first axiom is that if there isn’t a market; don’t encourage farmers to produce a specific crop or product. • The second axiom is that if farmers cannot easily transport the product to market; look for more promising products that can be easily marketed. • The third axiom is that if the crop (or product) cannot be successfully grown or produced within the district due to unfavorable agro-ecological conditions, then look for more promising crops or products. • The fourth axiom is to diversify into a variety of different high-value crops/products that are suitable for different FIGs or WIGs within the district.	Four
82.	Ideal chart size	20”x30”
83.	Number of domains of gender	Five
84.	The duration for broadcast of field recording may be for about	10-20 minutes
85.	The group received experimental treatment is called	Experimental group
86.	End product of Extension program planning is	Extension programme
87.	The stage which is not a part of ‘Wagner’ model a) Plan of work b) calendar of work	Calendar of work
88.	The tariff which is not included in IPR a) Specific b) Combined c) Ad valorem d) Option D answer Various types of tariff are: A) Specific tariff (fixed monetary fee per unit of product). B) Ad valorem (levied as a percentage of the value of the product). C) Compound tariff (combination of ad valorem, specific , often levied on finished goods)	
89.	Split half method is used to calculate	Reliability
90.	Organization Behaviour is related to (OB is related to individuals, group of people working together in teams. Organizational behaviour researchers study the behaviour of individuals/employees primarily in their organizational roles.)	Employee
91.	Organization Behaviour (OB) studies the behaviour of	Human being

	Explanation: OB: Study of human behaviour in organizational settings, the interface between human behaviour and the organization. OB focuses on the human side of management, not the whole of management. (For more information refer to ‘Comprehensive and Compleitive Extension: Guide for ARS, NET, SRF & other Competitive Exams’ book)	
92.	Creation of real life situation in classroom to change the behaviour of children	Simulation
93.	Theory in which worker is lazy and don't like to work	Theory X
94.	Spatial Innovation Diffusion model given by Explanation: the purpose of the processes which create a ‘nebula distribution’ a common spatial pattern. This mode explores the way that the diffusion of ideas across a social network might produce this pattern.	Torsten Hagerstrand
95.	Difference in haves and have not's in technology innovation is	Digital divide
96.	Number of frames in filmstrip	30-60
97.	Performance and potential appraisal are the components of	HRD
98.	CGIAR carried research at	15 Centres
99.	Economic participation rate of women at national level 20% b) 21% c) 23% d) 53% Explanation: Rural Female Labour Force Participation Rate from 19.7 % in 2018-19.	20%
100.	Hypothesized to become effect	Dependent variable
101.	Equal opportunities given for both men and women is called	Gender Equality
102.	Analysis of current documents is called	Content Analysis
103.	Inclusion of social, economic and political power is	Empowerment
104.	The Commissions for Protection of Child Rights Act	2005
105.	Equal Remuneration Act	1976
106.	Catalogue of specific information available to the user over internet	Portal
107.	Program for active participation of community a) CDP b) Panchayat Raj	Panchayat Raj
108.	HRD related to the development of a) Competency b) Capability Explanation: The main aim of HRD is to develop a variety of competencies (knowledge, attitudes, skills and technical areas, managerial areas & behavioural areas)	Competency
109.	Appropriate size of poster a) 10 x 20 cm b) 20 x 40 cm c) 40 x 60 cm d) 60 x 80 cm Explanation: Three common poster sizes are: Small: 11×17 (28 x 43 cm), Medium: 18x 24 (46 x 61 cm), Large: 24×36 (61 x 91 cm). Medium sized 18×24 inches poster that can be displayed both indoors and outdoors. 18×24 is an appropriate and normal poster size for just about any project because it can be appreciated both close up and from a distance. This is also a regular poster size for framing.	40 x 60 cm
110.	Appropriate size of projectable material a) 10x 12 cm b) 15 x 20 cm c) 25 cm x 25 cm	25x 25 cm
111.	Not a issue to Agri-Entrepreneurship/Agri business a) Policy b) Consumption c) Export d) Human Capital	Consumption
112.	Training given to newly recruited personnel before they are assigned to a particular work	Inducation training
113.	Training definition of "Training is the act of increasing the knowledge and skill of an employee for doing a particular job." a) Armstrong b) Flippo c) Lynton Pareek d) Strayton	Edwin B. Flippo
114.	Rythu bazaar	Andhra Pradesh
115.	Organized extension service started /integrated in India through	Community Developme

		Programme (1952)
116.	Entrepreneurship Development Institute of India (EDII), located in	Ahmedabad
117.	Education is a pleasure and pain at same time according to	Plato
118.	The platform where farmer can register and answer to all enquires	A-aqua
119.	Private extension first started in	Chile in 1974
120.	Adoption of a new idea consisted of stages like Awareness, Conviction, Acceptance and complete adoption given by Note: Ryan and Gross (1943) - First to recognize adoption of innovation occurs in stages and Diffusion of Hybrid corn.	Ryan and Gross
121.	Taking back things that are learnt and applying it in field is called Explanation: Training Effectiveness Measure the knowledge and skills gained by learners as a result of the training. Training effectiveness refers to how well your training supports learning and learning transfer. Training effectiveness measures the impact of training on the trainee's knowledge, skills, performance, and the company's ROI.	Training effectiveness
122.	Training given to newly recruited persons	Induction training
123.	Scientific Management theory given by	F.W. Tylor
124.	Management By Objectives (MBO) concept given by	Peter Drucker
125.	Influence in organization so that people will strive willingly and enthusiastically towards the achievement of group goal a) Motivation b) Leadership	Leadership
126.	The method not common in India a) Personal letter b) Flag method Explanation: Flag method is commonly used by Extension Units (KVKs and other extension institutes) in which an extension officer puts a flag in the field in which he thinks problem. Farmer, by seeing the flag in his field contacts the extension officer. Personal letter is costly method and time consuming and not frequently used in current scenario.	Personal letter
127.	The process of assessing the implications for women and men of any planned action, including legislation, policies or programmes in all areas and at all levels	Gender mainstreaming
128.	The procedure that favours one gender over another	Gender bias
129.	Socially constructed differences between men and women	Gender
130.	Women concerns women gaining power and control and control over their lives/ An active process which enable women to realize identity and power in all aspects of life is known as	Gender empowerment
131.	Agricultural production, work experience and priority to weaker sections are the important principles of	Krishi Vigyan Kendra (KVK)
132.	Evaluation carried out after the completion of programme	Ex post evaluation
133.	The evaluation method which include with advantage and disadvantage	Goal free training evaluation
134.	The investigator attempts to trace an effect which has already occurred to its probable causes is called	Ex post facto
135.	Age group of Young adolescent Adolescence is a period of life when a child reaches reproductive maturity. Adolescence undergoes three primary developmental stages of adolescence: 1. Early adolescence- Occurs between the age of 10 and 13 years. 2. Middle adolescence- Occurs between the age of 14 and 17 years. 3. Late adolescence- Occurs between the age of 18 -21 and beyond. This stage is also called young adulthood.	10-13 years
136.	First round of GATT held at Geneva in which year Explanation: GATT First round, held in Geneva with 23 countries led to the	1947

	establishment of GATT itself, and was applied on a provisional basis 1 January 1948. ▪ The most important round of GATT negotiations was the 8th Uruguay Round. It began in September 1986 and ended on 15 April 1994 after nearly eight years of negotiations 'WTO' into effect on 1 January 1995. ▪ During the GATT (General Agreement on Tariffs and Trade) years, eight rounds of tariff negotiations were held between 1947 and 1994: Geneva (1947), Annecy (1949), Torquay (1950-51), Geneva (1956), Geneva (1960-61) - also known as the Dillon Round, the Kennedy Round (1964-67), the Tokyo Round (1973-79) and the Uruguay (1986-94) led to WTO Formation in 1.1.1995.	
137.	Which box allows trade on domestic products, medicines, diseases Explanation: Green box subsidies do not distort trade or at cause minimal distortion. These subsidies are not for specific product and subsidies are allowed without any limit. E.g. research funding, conservation and environmental programs, domestic food aid, inspection programs, disaster relief.	Green box
138.	Bottom up approach programme	ATMA
139.	e-Chaupal is an initiative of	ITC (Indian Tobacco Company)
140.	FAO - UN started AGRIS in which year (AGRIC is the International systems for Agricultural Science and Technology, a global, multilingual bibliographic database that connects users directly to a rich collection of research and worldwide technical information on food and agriculture.)	1974
141.	PERT was first used in	Polaris missile
142.	The report on 'India's food crisis and steps to meet it' to increase food grain production induce establishment of a) IRDP b) IAAP, IADP & HYVP c) NATP	IAAP, IADP & HYVP
143.	Portion of respondents who gave correct answers (Difficulty index is defined as the percentage of those respondents recording either a true or false response for a particular branch in a multiple T-F response MCQ who gave the correct response.)	Difficulty Index
144.	Training for improving capability of job a) Job training b) Safety training c) Vestibule training c) Remedial	Job training
145.	Training to overcome a) Knowledge b) Skill c) Knowledge, Skill, Attitude	Knowledge, Skill, Attitude
146.	USAID's top priority became sustainable development, or helping countries improve their own quality of life a) 1970s b) 1980s c) 1990s d) 2000s Explanation: • 1970s: Basic Human Needs (Food and nutrition, Population planning, Health, Education, HRD) • 1980s: to stabilize currencies and financial systems and free markets • 200s: War and rebuilding • Today: to support partners to become self-reliant and capable of leading their own development journeys	1990s
147.	Which of the following is not a diffusion model a) Verbal b) Non-verbal c) Statistical d) Gaming (Gaming comes under non-verbal communication cues or models).	Gaming
148.	The concept of 'Cost recovery system' under privatization system implemented in a) Chile b) India c) Netherland Explanation: Some of the public agricultural extension systems in Latin American countries like Mexico, Chile, Venezuela, Colombia & Argentina moved toward Cost-recovery schemes.	Chile

	• The move toward cost-recovery serves two purposes. First, the implementation of fees for some of the services offered by the public agricultural extension systems is expected to help with the budget constraint faced by agricultural extension by recovering part of the cost for providing these services. Second, the introduction of a fee-for-service system is expected to serve as an incentive for the development of a private consulting market for agricultural extension services. • Commercialization of the public agricultural extension organizations: - was being followed at a national level in New Zealand and at a regional level in Australia. • Privatization of the public agricultural extension systems: - United Kingdom, France, the Netherlands, and Ireland.	
149.	Farmers linkage in approach they essentially bottom up	IVLP

Note: It’s a merely memory based question & may be some Question and answers may not be accurate.

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