

# National Testing Agency

<b>Question Paper Name :</b>	Agricultural Extension Education and Communication 17th September Shift 2
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## Agricultural Extension Education and Communication

<b>Group Number :</b>	1
<b>Group Id :</b>	190889144
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	120
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	480
<b>Is this Group for Examiner? :</b>	No

## Part A: General Knowledge

<b>Section Id :</b>	190889356
<b>Section Number :</b>	1
<b>Section type :</b>	Online

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	20
<b>Number of Questions to be attempted :</b>	20
<b>Section Marks :</b>	80
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889396
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 19088916582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1**

Which of the following is the device used to measure the power and speed of the wind?

1. Avometer
2. Anemometer
3. Airometer
4. Aviontimeter

**Options :**

19088966221. 1

19088966222. 2

19088966223. 3

19088966224. 4

**Question Number : 2 Question Id : 19088916583 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1**

Optical fibre used the concept of which of the following?

1. Reflection
2. Refraction
3. Total internal reflection
4. Total internal refraction

**Options :**

19088966225. 1

19088966226. 2

19088966227. 3

19088966228. 4

**Question Number : 3 Question Id : 19088916584 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Yellow vein mosaic is the viral disease of which of the following plants?

1. Ladyfinger
2. Papaya
3. Sugarcane
4. Banana

**Options :**

19088966229. 1

19088966230. 2

19088966231. 3

19088966232. 4

**Question Number : 4 Question Id : 19088916585 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Which of the following organ(s) is affected by Mumps disease?

1. Entire body
2. Skin
3. Eye
4. Parotid

**Options :**

19088966233. 1

19088966234. 2

19088966235. 3

19088966236. 4

**Question Number : 5 Question Id : 19088916586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is the chemical name of vitamin B<sub>2</sub>?

1. Riboflavin
2. Calciferol
3. Pyridoxin
4. Niacin

**Options :**

19088966237. 1

19088966238. 2

19088966239. 3

19088966240. 4

**Question Number : 6 Question Id : 19088916587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Which of the following is not the input unit of the computer?

1. Mouse
2. Keyboard
3. Screen
4. Scanner

**Options :**

19088966241. 1

19088966242. 2

19088966243. 3

19088966244. 4

**Question Number : 7 Question Id : 19088916588 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The digital computer operates on which of the following principle?

1. Measurement
2. Calculation
3. Logical
4. Electrification

**Options :**

19088966245. 1

19088966246. 2

19088966247. 3

19088966248. 4

**Question Number : 8 Question Id : 19088916589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The non-cooperation movement of Gandhiji was launched in which of the following year?

1. 1915
2. 1922
3. 1920
4. 1930

**Options :**

19088966249. 1

19088966250. 2

19088966251. 3

19088966252. 4

**Question Number : 9 Question Id : 19088916590 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

An Islamic revivalist movement named Wahabi movement was founded by which of the following person?

1. Sian Saheb
2. Syed Ahmed
3. Haji Shariat-Allah
4. DaduMian

**Options :**

19088966253. 1

19088966254. 2

19088966255. 3

19088966256. 4

**Question Number : 10 Question Id : 19088916591 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is considered as the “Magna Carta of England Education in India”?

1. Hunter education commission
2. Lord Macaulay’s Minute
3. Wood’s Despatch
4. Thomas Babington Macaulay

**Options :**

19088966257. 1

19088966258. 2

19088966259. 3

19088966260. 4

**Question Number : 11 Question Id : 19088916592 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following nutrient does not come under the ambit of ‘macro-nutrients in Soil Health Card?

1. Nitrogen
2. Zinc
3. Phosphorous
4. Potassium

**Options :**

19088966261. 1

19088966262. 2

19088966263. 3

19088966264. 4

**Question Number : 12 Question Id : 19088916593 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Cole crops, root crops and legumes come under the ambit of which of the following?

1. Olericulture
2. Pomology
3. Viticulture
4. Arboriculture

**Options :**

19088966265. 1

19088966266. 2

19088966267. 3

19088966268. 4

**Question Number : 13 Question Id : 19088916594 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The study of individual trees, shrubs, vines, and perennial woody plants is known as which of the following?

1. Turf management
2. Arboriculture
3. Pomology
4. Viticulture

**Options :**

19088966269. 1

19088966270. 2

19088966271. 3

19088966272. 4

**Question Number : 14 Question Id : 19088916595 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The ministry is implementing MIDH (Mission for Integrated Development of Horticulture) with effect from which of the following year?

1. 2012-13
2. 2019-20
3. 2015-16
4. 2014-15

**Options :**

19088966273. 1

19088966274. 2

19088966275. 3

19088966276. 4

**Question Number : 15 Question Id : 19088916596 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The interaction of soils with living things, particularly plants are well known as which of the following?

1. Edaphology
2. Pedology
3. Soil zoology
4. Pedogenesis

**Options :**

19088966277. 1

19088966278. 2

19088966279. 3

19088966280. 4

**Question Number : 16 Question Id : 19088916597 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following systems has also incorporated social aspects in itself?

1. Landscaping
2. Permaculture
3. Horticulture
4. Forest gardening

**Options :**

19088966281. 1

19088966282. 2

19088966283. 3

19088966284. 4

**Question Number : 17 Question Id : 19088916598 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

What do you term the phenomenon whereby the specific gene is added to the plant for producing a desirable phenotype?

1. Genetic manipulation
2. Genetic recombination
3. Genetic modification
4. Genetic hybridisation

**Options :**

19088966285. 1

19088966286. 2

19088966287. 3

19088966288. 4

**Question Number : 18 Question Id : 19088916599 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



What is the focus of the participatory plant breeding program?

1. Scientists
2. Plants
3. Environment
4. Farmers

**Options :**

19088966289. 1

19088966290. 2

19088966291. 3

19088966292. 4

**Question Number : 19 Question Id : 19088916600 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

How do you term the form of agriculture, in which, industrialized production of crops and animal products takes place?

1. Manufactured agriculture
2. Modern agriculture
3. Industrial agriculture
4. Mechanistic agriculture

**Options :**

19088966293. 1

19088966294. 2

19088966295. 3

19088966296. 4

**Question Number : 20 Question Id : 19088916601 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Micro-irrigation fund of Rs. 5.000 crore has been placed with which of the following organization?

1. NABARD
2. IDBI
3. SBI
4. RRBs

**Options :**

19088966297. 1

19088966298. 2

19088966299. 3

19088966300. 4

## Part B Core : Agricultural Extension

<b>Section Id :</b>	190889357
<b>Section Number :</b>	2
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889397
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 21 Question Id : 19088916602 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



The main aim of Rashtriya Gokul Mission (RGM) is

1. Promotion of exotic breed cows for higher milk production
2. Enhance standard of living of livestock keepers
3. Development and conservation of indigenous breeds
4. Establishment of Goshalas in each and every villages of the country by 2030

**Options :**

19088966301. 1

19088966302. 2

19088966303. 3

19088966304. 4

**Question Number : 22 Question Id : 19088916603 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Attracting and Retaining Youth in Agriculture (ARYA) Project aims to attract rural youth employed in urban areas to take entrepreneurial activities in agriculture.

**Statement II:** Under this project, efforts are being taken up to attract the rural youth under the age of 15-45 years for skill training.

In light of the above statements, choose the *correct* answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088966305. 1

19088966306. 2

19088966307. 3

19088966308. 4

**Question Number : 23 Question Id : 19088916604 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The gap which exists between the true requirement of given job and present capabilities of the incumbent is called

1. Organisation need
2. Training need
3. Trainer need
4. Technology need

**Options :**

19088966309. 1

19088966310. 2

19088966311. 3

19088966312. 4

**Question Number : 24 Question Id : 19088916605 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following is NOT a characteristic of grapevine communication?

1. Grapevine is mostly oral
2. Grapevine is mostly non-verbal
3. Grapevine creates rumours in organisation
4. Grapevine is informal in nature

**Options :**

19088966313. 1

19088966314. 2

19088966315. 3

19088966316. 4

**Question Number : 25 Question Id : 19088916606 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
<b>PRA Technique</b>	<b>Application</b>
A. Study changes in livestock population of village over time	I. Fishbone Diagram
B. To study low productivity of rice crop	II. Trend Analysis
C. To identify heavy workload periods	III. Time Line
D. Cross-sectional view of the different agro-ecological zones	IV. Seasonal Diagram
	V. Transect Map

Choose the correct answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - IV, B - II, C - I, D - V
3. A - II, B - I, C - IV, D - V
4. A - III, B - I, C - IV, D - V

**Options :**

19088966317. 1  
19088966318. 2  
19088966319. 3  
19088966320. 4

**Question Number : 26 Question Id : 19088916607 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The first ever journal of Extension in the world

1. University Extension
2. Co-operative Extension Service
3. Journal of Extension
4. American Journal of Agricultural Extension

**Options :**

19088966321. 1  
19088966322. 2  
19088966323. 3  
19088966324. 4



**Question Number : 27 Question Id : 19088916608 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Formal education is more rigid and structured

**Statement II:** But, training is informal and flexible in nature

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

**Options :**

19088966325. 1

19088966326. 2

19088966327. 3

19088966328. 4

**Question Number : 28 Question Id : 19088916609 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



You have been appointed as a new Agriculture Officer and you are given a responsibility to lead many subordinate staff. You want to know nature of your subordinate staff and how they are motivated at workplace. Therefore, you used Douglas McGregor's Theory X and Theory Y assumptions to distinguish the staff based on their motivation towards work. You found that majority of the staff fit to the Theory X type. Then how you handle Theory X type of subordinate staff to make them work effectively.

1. You can use laissez-faire style of leadership to deal with Theory X type of subordinate staff.
2. You should use some external control and direction over the Theory X type of subordinate staff.
3. You should avoid interaction with Theory X type of subordinate staff.
4. Theory X type of subordinate staff are self-motivated and self controlled. Therefore you should not use any authority.

**Options :**

19088966329. 1

19088966330. 2

19088966331. 3

19088966332. 4

**Question Number : 29 Question Id : 19088916610 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Straight news is written in \_\_\_\_\_ tense and Interpretative and trend stories are written in \_\_\_\_\_ tense

1. Past and Present tense, respectively
2. Present and Past tense, respectively
3. Past and Future tense, respectively
4. Future and Past tense, respectively

**Options :**

19088966333. 1

19088966334. 2

19088966335. 3

19088966336. 4



**Question Number : 30 Question Id : 19088916611 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

A method to organize presentations and group discussions that offer benefits of small group discussions. Speakers are seated in the centre of the room with other participants sitting around them in a circle watching their conversation.

1. Socratic seminar
2. RAFT assignment
3. Fishbowl technique
4. Paideia Seminar

**Options :**

19088966337. 1

19088966338. 2

19088966339. 3

19088966340. 4

**Question Number : 31 Question Id : 19088916612 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A :** A Tree Chart looks like a tree, where roots of the tree represent the sources of an event; trunk and branches show an idea of the structure and dimensions of the event, its categories and classifications; leaves and flowers show the factors contributing to it and the outcomes.

**Reason R :** Tree charts are generally used to show gradual development resulting from a series of factors and the final results.

In light of the above statements, choose the *correct* answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

**Options :**

19088966341. 1

19088966342. 2

19088966343. 3

19088966344. 4

**Question Number : 32 Question Id : 19088916613 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Fire feedback situation means

1. Not seeing but verbally explaining
2. Only seeing, not able to ask any questions
3. Students can ask questions, teacher can say yes or no
4. No restrictions on asking questions

**Options :**

19088966345. 1

19088966346. 2

19088966347. 3

19088966348. 4

**Question Number : 33 Question Id : 19088916614 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The only projection equipment that can project different materials such as pages of books, coins, objects, postcards or any other similar flat material which is non-transparent

1. Diascope
2. Episcope
3. Periscope
4. Bioscope

**Options :**

19088966349. 1

19088966350. 2

19088966351. 3

19088966352. 4



**Question Number : 34 Question Id : 19088916615 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The Jannalal Bajaj Central Research Institute (JBCRI), Wardha was revamped with the help of Indian Institute of Technology, Delhi as a national level institute under the Ministry of MSME in October 2008 and is known as

1. Mahatma Gandhi Institute for Rural Industrialization (MGIRI)
2. National Institute for Micro, Small and Medium Enterprises, (NI-MSME)
3. Technology Centre Systems Programme (TCSP)
4. Khadi and Village Industries Commission (KVIC)

**Options :**

19088966353. 1

19088966354. 2

19088966355. 3

19088966356. 4

**Question Number : 35 Question Id : 19088916616 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

A leading development Bank of India which synchronizes the financing activities of various institutions involved in the development work at field level and also sustains liaison with State governments, central government, RBI, and other national level organizations concerned with the formulation of policies. Also it regulates the cooperative banks and the RRB's

1. IDBI
2. SIDBI
3. ICICI
4. NABARD

**Options :**

19088966357. 1

19088966358. 2

19088966359. 3

19088966360. 4

Question Number : 36 Question Id : 19088916617 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match list I with List II

	Nature of individual		Characteristics
I	Self Employed	A	Exploits corporate resources
II	Entrepreneur	B	Satisfies the needs
III	Businessman	C	Sole business owner
IV	Intrapreneur	D	Creates needs

1. I-B, II-D, III-C, IV-A
2. I-A, II-B, III-C, IV-D
3. I-C, II-D, III-B, IV-A
4. I-B, II-A, III-D, IV-C

Options :

19088966361. 1

19088966362. 2

19088966363. 3

19088966364. 4

Question Number : 37 Question Id : 19088916618 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The institution that conducts national and international training programs and also has involvement in research studies, consultancy, development of entrepreneurial training aids, etc. and keeps a check – on the activities of various institutions engaged in entrepreneur development particularly in the sector of small businesses and industries.

1. SIDO – Small Industry Development Organisation
2. NIESBUD – National Institute of Entrepreneurship and Small Business Development
3. DIC – District Industrial Centre
4. NSIC – National Small Industry Corporation

Options :

19088966365. 1

19088966366. 2



19088966367. 3

19088966368. 4

**Question Number : 38 Question Id : 19088916619 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

A manufacturing or service oriented enterprise having investment of more than Rupees 1 crore but less than Rupees 10 crore and annual turnover of more than Rupees 5 crore but less than Rupees 50 crore is classified under

1. Small enterprise
2. Semi-Medium enterprise
3. Medium enterprise
4. Micro enterprise

**Options :**

19088966369. 1

19088966370. 2

19088966371. 3

19088966372. 4

**Question Number : 39 Question Id : 19088916620 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Extension service which deals with recommending drought resistant varieties for rainfed areas, pest resistant varieties for pest vulnerable areas, and climate resilient agriculture, educating farmers on crop insurance scheme, ensuring farmers' claims etc is termed as

1. Extension for risk management
2. Location specific extension
3. Integrated and inclusive extension
4. Agricultural value chain extension

**Options :**

19088966373. 1

19088966374. 2

19088966375. 3



19088966376. 4

**Question Number : 40 Question Id : 19088916621 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The owner of the land becomes farm labour in case of

1. Partial contract farming
2. Procurement contract
3. Total contract
4. Contract farming

**Options :**

19088966377. 1

19088966378. 2

19088966379. 3

19088966380. 4

**Question Number : 41 Question Id : 19088916622 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

It is long term planning for making and financing proposed capital outlays. It is concerned with allocation of the firm's scarce financial resources among the available market opportunities. The consideration of investment opportunities involves the comparison of the expected future streams of earnings from a project with immediate and subsequent streams of expenditure for it.

1. Negotiated budgeting
2. Capital budgeting
3. Cash flow budgeting
4. Value proportion budgeting

**Options :**

19088966381. 1

19088966382. 2

19088966383. 3

19088966384. 4

**Question Number : 42 Question Id : 19088916623 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The type of intellectual property license in which only a licensee has the right to use Intellectual Property, which cannot even be used by the owner.

1. Sole license
2. Exclusive license
3. Non-exclusive license
4. Corporate license

**Options :**

19088966385. 1

19088966386. 2

19088966387. 3

19088966388. 4

**Question Number : 43 Question Id : 19088916624 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The decision to reject an innovation by a farmer after having previously adopted is termed as

1. Discontinuance
2. Reinvention
3. Passive rejection
4. Over adoption

**Options :**

19088966389. 1

19088966390. 2

19088966391. 3

19088966392. 4

**Question Number : 44 Question Id : 19088916625 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



The point at which enough number of individuals in a system adopt an innovation and its further rate of adoption becomes self sustaining is termed as

1. Re adoption
2. Over adoption
3. Critical mass
4. Discontinuance

**Options :**

19088966393. 1

19088966394. 2

19088966395. 3

19088966396. 4

**Question Number : 45 Question Id : 19088916626 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Identify the role of change agent which is not associated in the process of introducing an innovation in any village

1. Developing a need for change
2. To establish an information exchange relationship
3. To diagnose problem
4. To destabilize adoption

**Options :**

19088966397. 1

19088966398. 2

19088966399. 3

19088966400. 4

**Question Number : 46 Question Id : 19088916627 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Name the stage of innovation process, when an innovation is incorporated into the regular activities of the organization and loses its separate identity

1. Restructuring
2. Matching
3. Clarifying
4. Routinizing

**Options :**

19088966401. 1

19088966402. 2

19088966403. 3

19088966404. 4

**Question Number : 47 Question Id : 19088916628 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are the two statements, one is labeled as

**Assertion A** and other is labeled as **Reason R**

A: The basis for classifying the adopter categories is innovativeness

R: Innovativeness is the degree to which an individual is relatively earlier in adopting a new idea than other members

in the light of the above, choose the *correct* answer from the option below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

**Options :**

19088966405. 1

19088966406. 2

19088966407. 3

19088966408. 4

**Question Number : 48 Question Id : 19088916629 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Choice to adopt or reject an innovation by consensus among members of a system is termed as

1. Optional innovation decision
2. Authority innovation decision
3. Collective innovation decision
4. Routine innovation decision

**Options :**

19088966409. 1

19088966410. 2

19088966411. 3

19088966412. 4

**Question Number : 49 Question Id : 19088916630 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Who coined the term 'Gender Role'

1. Kate Millet
2. John Money
3. Michael Edward
4. Ann Oakley

**Options :**

19088966413. 1

19088966414. 2

19088966415. 3

19088966416. 4

**Question Number : 50 Question Id : 19088916631 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Which of the following Sustainable Development Goals given by the United Nations is related to Gender Equality

1. SDG-2
2. SDG -3
3. SDG -4
4. SDG -5

**Options :**

19088966417. 1

19088966418. 2

19088966419. 3

19088966420. 4

**Question Number : 51 Question Id : 19088916632 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

As per the 2011 census, the composition of women in the total Indian population is

1. 55.5%
2. 53.5%
3. 51.5%
4. 54.5%

**Options :**

19088966421. 1

19088966422. 2

19088966423. 3

19088966424. 4

**Question Number : 52 Question Id : 19088916633 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Which year was declared by India as the year of Women's Empowerment

1. 2010
2. 2001
3. 2011
4. 2000

**Options :**

19088966425. 1

19088966426. 2

19088966427. 3

19088966428. 4

**Question Number : 53 Question Id : 19088916634 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following refers to 'Sum total of information conserved by the civilization' ?

1. Information
2. Data
3. Knowledge
4. Survey

**Options :**

19088966429. 1

19088966430. 2

19088966431. 3

19088966432. 4

**Question Number : 54 Question Id : 19088916635 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
A. VERCON	I. National Agricultural Library
B. VASAT	II. APAARI
C. AgNIC	III. UNO
D. APARIS	IV. FAO
	V. ICRISAT

Choose the **correct** answer from the options given below:

1. A -III , B -IV , C -II , D -I
2. A -IV , B - II, C -III , D - I
3. A - IV, B -V , C -I, D -II
4. A - III, B -IV , C -II , D -V

**Options :**

19088966433. 1

19088966434. 2

19088966435. 3

19088966436. 4

**Question Number : 55 Question Id : 19088916636 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the below given ICT platform offers a total integrated solutions for automatic milk collection system

1. e-Sagu
2. e-Krishi
3. Akashganaga
4. e-Kisan

**Options :**

19088966437. 1

19088966438. 2

19088966439. 3

19088966440. 4



**Question Number : 56 Question Id : 19088916637 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

aAQUA- An ICT enabled farmer knowledge exchange platform stands for

1. Always All Questions Answered
2. Almost All Questions Answered
3. Almost Any Question Answered
4. Always All Questions Applied

**Options :**

19088966441. 1

19088966442. 2

19088966443. 3

19088966444. 4

**Question Number : 57 Question Id : 19088916638 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which technology is commonly used for the dissemination of information to an audience who are geographically limited?

1. Narrow-casting
2. Broad-casting
3. Supercasting
4. Heavy-casting

**Options :**

19088966445. 1

19088966446. 2

19088966447. 3

19088966448. 4

**Question Number : 58 Question Id : 19088916639 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

USSD Stands for

1. Unstructured supplementary service data
2. Unstructured storage service data
3. Unstructured supplementary storage data
4. Unstructured supplementary storage device

**Options :**

19088966449. 1

19088966450. 2

19088966451. 3

19088966452. 4

**Question Number : 59 Question Id : 19088916640 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Find out the 'odd option'.

1. Snowball sampling
2. Purposive sampling
3. Convenience sampling
4. Random sampling

**Options :**

19088966453. 1

19088966454. 2

19088966455. 3

19088966456. 4

**Question Number : 60 Question Id : 19088916641 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Teacher-type test is usually used to measure which one of the domains of human behaviour?

1. Adoption
2. Knowledge
3. Skill
4. Attitude

**Options :**

19088966457. 1

19088966458. 2

19088966459. 3

19088966460. 4

**Question Number : 61 Question Id : 19088916642 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following refers to 'product movement of the sum of squares from the mean value'?

1. Regression coefficient
2. Correlation coefficient
3. Standard deviation
4. Coefficient of variation

**Options :**

19088966461. 1

19088966462. 2

19088966463. 3

19088966464. 4

**Question Number : 62 Question Id : 19088916643 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Rejecting the 'null hypothesis' when it is true is called type-II error.

**Statement II:** Accepting the 'null hypothesis' when it is not true is called type-I error.

In light of the above statements, choose the *correct* answer from the options given below

1. Both Statement I and Statement II are false
2. Both Statement I and Statement II are true
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088966465. 1

19088966466. 2

19088966467. 3

19088966468. 4

**Question Number : 63 Question Id : 19088916644 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

You have developed and standardized a scale to 'measure attitude of rural youth towards agri start-ups'. This scale was used by 30 researchers to empirically measure attitude of rural youth towards agri start-ups and obtained consistent results. In this scenario, the scale developed by you is known to be

1. valid but not reliable
2. reliable but not valid
3. neither reliable nor valid
4. valid and reliable

**Options :**

19088966469. 1

19088966470. 2

19088966471. 3

19088966472. 4

**Question Number : 64 Question Id : 19088916645 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Arrange in correct logical sequence the steps involved in Framework of Evaluation of Extension Programmes given by Bennet (1979).

- A. KASA change
- B. People involvement
- C. Inputs
- D. End results
- E. Practice change
- F. Activities
- G. Reactions

Choose the *correct* answer from the options given below

1. C-G-F-E-D-A-B
2. C-F-B-G-A-E-D
3. C-F-G-A-B-E-D
4. C-F-A-B-G-E-D

**Options :**

19088966473. 1

19088966474. 2

19088966475. 3

19088966476. 4

**Question Number : 65 Question Id : 19088916646 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

What was the major emphasis of Hawthorne Experiment?

1. Leadership development
2. Motivation at workplace
3. Conflict management
4. Management development

**Options :**

- 19088966477. 1
- 19088966478. 2
- 19088966479. 3
- 19088966480. 4

**Question Number : 66 Question Id : 19088916647 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In the context of Theories of Management, which of the following statements are correct?

- A. Principles of scientific management were proposed by Fredrick Winslow Taylor
- B. Gantt Chart is the precursor of modern management tool like PERT
- C. Henry Fayol is known as the 'father of modern management theory'
- D. 7S approach was proposed by Taylor
- E. Father of industrial psychology is Elton Mayo

Choose the *correct* answer from the options given below:

- 1. A, B, C and D only
- 2. A, C, D and E only
- 3. A, B and C only
- 4. B, C and D only

**Options :**

- 19088966481. 1
- 19088966482. 2
- 19088966483. 3
- 19088966484. 4

**Question Number : 67 Question Id : 19088916648 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Match the Leadership Styles (**List I**) with their corresponding Main Feature (**List II**) as as given in Managerial Grid (Blake and Mouton)

List I	List II
Leadership style	Main feature
I. Country club	A. Low concern for both people and work
II. Middle of the road	B. High concern for people and low concern for work
III. Perform or perish	C. High concern for both people and work
IV. Team	D. Low concern for people and high concern for work
V. Impoverished	E. Moderate concern for both work and people

Choose the **correct** answer from the options given below:

1. I-B, II-E, III-A, IV-C, V-D
2. I-E, II-B, III-A, IV-C, V-D
3. I-E, II-D, III-A, IV-B, V-C
4. I-B, II-E, III-D, IV-C, V-A

**Options :**

19088966485. 1

19088966486. 2

19088966487. 3

19088966488. 4

**Question Number : 68 Question Id : 19088916649 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A:** Agricultural Technology Management Agency (ATMA), though built on strong management principles for decentralized decision making, is yet to realize its full potential.

**Reason R:** Lack of professional implementation and centralized decision making are hampering the performance of ATMA scheme.

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both **A** and **R** are correct and **R** is the correct explanation of **A**
2. Both **A** and **R** are correct but **R** is NOT the correct explanation of **A**
3. **A** is correct but **R** is NOT correct
4. **A** is NOT correct but **R** is correct

**Options :**

19088966489. 1

19088966490. 2

19088966491. 3

19088966492. 4

**Question Number : 69 Question Id : 19088916650 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

**Assertion A** : Agricultural extension research projects are funded by National Agricultural Science Fund (NASF) of ICAR even though extension is an applied behavioural science.

**Reason R** : NASF of ICAR provides funding support in competitive mode to promote basic and strategic research in agriculture including social sciences and policy in agriculture.

In light of the above statements, choose the *correct* answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

**Options :**

19088966493. 1

19088966494. 2

19088966495. 3

19088966496. 4

**Question Number : 70 Question Id : 19088916651 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match the following 5 main processes for converting data into information (**List I**) with their corresponding purpose (**List II**) as per Leibowitz (2003)

List I	List II
Process for converting data into information	Purpose
I. Condensation	A. Assigning a type to data
II. Contextualization	B. Summarizing data
III. Calculation	C. Removing erroneous data
IV. Categorization	D. Processing the data
V. Correction	E. Understanding the purpose of data

Choose the correct answer from the options given below:

1. I-B, II-E, III-D, IV-A, V-C
2. I-E, II-B, III-D, IV-C, V-A
3. I-C, II-B, III-A, IV-D, V-E
4. I-A, II-C, III-E, IV-B, V-D

**Options :**

19088966497. 1

19088966498. 2

19088966499. 3

19088966500. 4

## Part C : Agricultural Extension Education and Communication

<b>Section Id :</b>	190889358
<b>Section Number :</b>	3
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	200
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes



**Sub-Section Number :** 1  
**Sub-Section Id :** 190889398  
**Question Shuffling Allowed :** Yes

**Question Number : 71 Question Id : 19088916652 Question Type : MCQ Option Shuffling : No**  
**Is Question Mandatory : No**  
**Correct Marks : 4 Wrong Marks : 1**

Developing plan of activities is a part of which stage of Extension Programme Planning process?

1. Programme Execution
2. Programme Monitoring
3. Programme Evaluation
4. Programme Formulation

**Options :**

19088966501. 1  
19088966502. 2  
19088966503. 3  
19088966504. 4

**Question Number : 72 Question Id : 19088916653 Question Type : MCQ Option Shuffling : No**  
**Is Question Mandatory : No**  
**Correct Marks : 4 Wrong Marks : 1**

What should be the essential character of a successful extension worker?

1. He/She should "*help people to help others*"
2. He/She should teach people "*what to think, not how to think*"
3. He/She knows "*not merely what to teach but how to teach people*"
4. His/Her teaching focuses on "*learning by believing, seeing is doing*"

**Options :**

19088966505. 1  
19088966506. 2  
19088966507. 3  
19088966508. 4

**Question Number : 73 Question Id : 19088916654 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Attracting the proper and suitable type of candidates for various categories of posts is called as

1. Selection
2. Recruitment
3. Supervision
4. Organising

**Options :**

19088966509. 1

19088966510. 2

19088966511. 3

19088966512. 4

**Question Number : 74 Question Id : 19088916655 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Consider you are a Top-level manager in an organisation and you must take a strategic decision to deal with unstructured problem raised in the organisation. What is the nature of decision making you do, considering nature of problem and level of your position?

1. Programmed decisions
2. Non-programmed decisions
3. Structured decisions
4. Routine decisions

**Options :**

19088966513. 1

19088966514. 2

19088966515. 3

19088966516. 4

**Question Number : 75 Question Id : 19088916656 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Arrange the following in descending order of level of participation by people based on their involvement in Extension Programme

- A. Collaboration
- B. Consultation
- C. Self-mobilisation
- D. Passive participation

Choose the *correct* answer from the options given below

- 1. A, B, C, D
- 2. D, A, B, C
- 3. D, B, A, C
- 4. C, A, B, D

**Options :**

19088966517. 1

19088966518. 2

19088966519. 3

19088966520. 4

**Question Number : 76 Question Id : 19088916657 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following method/s adopted by extension agent to influence farmer behaviour is directed at "*influencing farmers themselves*"

- A. Providing means
- B. Providing advice
- C. Providing service
- D. Manipulation

Choose the *correct* answer from the options given below:

1. A, B and C only
2. A, B and D only
3. B and D only
4. A and C only

**Options :**

- 19088966521. 1
- 19088966522. 2
- 19088966523. 3
- 19088966524. 4

**Question Number : 77 Question Id : 19088916658 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Adult learning is didactic in nature

**Statement II:** Training is basically adult learning activity

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

**Options :**

- 19088966525. 1



19088966526. 2

19088966527. 3

19088966528. 4

**Question Number : 78 Question Id : 19088916659 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

According to the Johari window inter-personal conceptual model, if a person is having more blind area, then what is the best strategy he/she should adopt to reduce it?

1. Ask for feedback from others
2. Self-disclosure
3. Use of psycho-analysis techniques
4. He should reveal more about his/her personality

**Options :**

19088966529. 1

19088966530. 2

19088966531. 3

19088966532. 4

**Question Number : 79 Question Id : 19088916660 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Chances of developing favouritism or bias towards some persons by extension agents is the limitation of

1. Individual Contact method
2. Group contact method
3. Mass contact method
4. Web based methods

**Options :**

19088966533. 1

19088966534. 2

19088966535. 3

19088966536. 4

**Question Number : 80 Question Id : 19088916661 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
Types of learning	Explanation
A. Self-directed learning	I. Comprises of competition, engagement and immediate reward
B. Scenario-based learning	II. Self-diagnosing learning needs, identify resources, choose and implement learning strategy and evaluate learning outcomes
C. Game-based learning	III. Structured teaching practice; examine performance of self and followers
D. Peer to peer instruction	IV. Promote deep learning, involves in realistic critical incidents, to consider wide range of factors, make decisions and reflect outcomes

Choose the correct answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - III, C - IV, D - I
3. A - II, B - I, C - IV, D - III
4. A - II, B - IV, C - I, D - III

**Options :**

19088966537. 1

19088966538. 2

19088966539. 3

19088966540. 4

**Question Number : 81 Question Id : 19088916662 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



They are the freelance reporters. They generally limit to their domain areas, involved in reporting of specific events that are happening in their areas, premises, organizations etc

1. Reporters
2. Correspondents
3. Stringers
4. Journalist

**Options :**

19088966541. 1

19088966542. 2

19088966543. 3

19088966544. 4

**Question Number : 82 Question Id : 19088916663 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
Types of Board	Explanation
A. Peg Board	I. A soft board that holds pins or tags and can be placed indoor or outdoor. Used to display and explain important events or report special activities with newspaper cut outs, photographs, posters, publications etc. Not much effective for illiterate learners
B. Flannel Board	II. Contains small holes; certain letters are fixed into these holes. Mostly used for displaying pre-planned diagrams, logs, figures etc. Teacher has to just hang the model, diagrams of the model or ready articles using pins and holders
C. Bulletin Board	III. Reusable writing surface which is used for writing text or drawings. Made of thick sheets of smooth dark grey or black slate stone or it just can be a board painted with matte black paint. Some people may be allergic to it.
D. Black Board	IV. Made of a special type of fibre such as baize or wool. Display material is stuck or hung by attaching lint or sand paper to the reverse side of the cloth. Helpful in explaining graphic data, organizational structure, functions of various parts of a machine, etc.

Choose the correct answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - III, C - IV, D - I
3. A - II, B - I, C - IV, D - III
4. A - II, B - IV, C - I, D - III

**Options :**

19088966545. 1  
19088966546. 2  
19088966547. 3  
19088966548. 4



**Question Number : 83 Question Id : 19088916664 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

**Which of the following provides answers to six questions**

1. Headline
2. Byline
3. Lead
4. Caption

**Options :**

19088966549. 1

19088966550. 2

19088966551. 3

19088966552. 4

**Question Number : 84 Question Id : 19088916665 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

A scheme to facilitate Bank loan between Rupees 10 Lakh to One Crore to at least one Schedule Cast or Schedule Tribe and at least one woman borrower per bank branch for setting up a Greenfield enterprise

1. Startup India
2. Stand-up India
3. RAFTAAR
4. NIDHI

**Options :**

19088966553. 1

19088966554. 2

19088966555. 3

19088966556. 4

**Question Number : 85 Question Id : 19088916666 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

A step in market and demand analysis in which classification of markets is done based on effective demand in the past and present, breakdown of demand, price, method of distribution and sales promotion, consumer supply of competition and government policy is

1. Demand forecasting
2. Conducting market survey
3. Characterization of market
4. Collection of secondary information

**Options :**

19088966557. 1

19088966558. 2

19088966559. 3

19088966560. 4

**Question Number : 86 Question Id : 19088916667 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
<b>Models of entrepreneurship</b>	<b>Explanation</b>
A. Laissez-faire model	I. Government enhances interest rates on all borrowing by entrepreneurs
B. Strategic interventionist model	II. Lack of intervention from government permits the entrepreneur to become competitive
C. Egalitarian model	III. Government reduces bureaucratic constraints
D. Trade facilitation model	IV. Government promotes business by intervening through policy, providing training, market research etc.

Choose the correct answer from the options given below:

1. A - II, B - I, C - IV, D - III
2. A - III, B - II, C - IV, D - I
3. A - IV, B - III, C - II, D - I
4. A - II, B - IV, C - I, D - III

**Options :**



19088966561. 1

19088966562. 2

19088966563. 3

19088966564. 4

**Question Number : 87 Question Id : 19088916668 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The type of agricultural value chain which establishes linkage between different levels like seed suppliers, farmers, traders, processors, exporters/importers, retailers and consumers is

1. Vertical
2. Horizontal
3. Parallel
4. Analogue

**Options :**

19088966565. 1

19088966566. 2

19088966567. 3

19088966568. 4

**Question Number : 88 Question Id : 19088916669 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

According to Annual Report of MSME (Ministry of Micro, Small and Medium Enterprises) 2020-21 the estimated number of employment generated by MSME in India is

1. More than 500 Lakh
2. More than 800 Lakh
3. More than 1100 Lakh
4. More than 1500 Lakh

**Options :**

19088966569. 1

19088966570. 2

19088966571. 3

19088966572. 4

**Question Number : 89 Question Id : 19088916670 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Market-Led extension is based on

1. Participatory approach
2. Supply driven approach
3. Demand driven approach
4. Service oriented approach

**Options :**

19088966573. 1

19088966574. 2

19088966575. 3

19088966576. 4

**Question Number : 90 Question Id : 19088916671 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

A bilateral agreement in which a buyer and seller agree upon the delivery of a specified quality and quantity of an asset on a specified future date at a pre-determined price.

1. Cash forward transaction
2. Forward contract
3. Electronic spot exchange
4. Credit forward transaction

**Options :**

19088966577. 1

19088966578. 2

19088966579. 3

19088966580. 4



**Question Number : 91 Question Id : 19088916672 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The Agreement on Agriculture (AOA) is an international treaty of the World Trade Organization. It was negotiated during the Uruguay Round of the General Agreement on Tariffs and Trade, and entered into force with the establishment of the WTO on January 1, 1995. The three central concepts or "pillars" of AOA are:

- A. Domestic support
- B. Market access
- C. Import subsidies
- D. Export subsidies
- E. Processing subsidies

Choose the *correct* answer from the options given below:

1. A, B and D only
2. A, C and D only
3. A, B and C only
4. B, C and E only

**Options :**

19088966581. 1

19088966582. 2

19088966583. 3

19088966584. 4

**Question Number : 92 Question Id : 19088916673 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The three faces of Extension which impact on awareness, decision making and application in the hands of farmers and collectively empowers the agricultural ecosystem and makes for a more self-reliant farming system are

1. Information, Knowledge and Skill
2. Knowledge, attitude and skill
3. Motivation, empowerment and knowledge
4. Communication, diffusion and adoption

**Options :**

- 19088966585. 1
- 19088966586. 2
- 19088966587. 3
- 19088966588. 4

**Question Number : 93 Question Id : 19088916674 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

According to the six stages of Innovation- Decision process, which among the following is not the stages of Innovation Decision Process

- 1. Research
- 2. Development
- 3. Diffusion
- 4. Awareness

**Options :**

- 19088966589. 1
- 19088966590. 2
- 19088966591. 3
- 19088966592. 4

**Question Number : 94 Question Id : 19088916675 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which channels are relatively more important at the knowledge stage of innovation decision process

- 1. Localite channels
- 2. Cosmopolite channels
- 3. Organisational channels
- 4. Personal channel

**Options :**

- 19088966593. 1



19088966594. 2

19088966595. 3

19088966596. 4

**Question Number : 95 Question Id : 19088916676 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Please read the below statements

- A. Replacement discontinuance is a decision to reject an idea in order to adopt a better idea that supersedes it
- B. Disenchantment discontinuance is a decision to reject an idea as a result of dissatisfaction with its performance

Choose the correct answer from the options given below

- 1. Both A and B are correct
- 2. Only A is correct and B is incorrect
- 3. Only B is correct and A is incorrect
- 4. Both A and B are incorrect

**Options :**

19088966597. 1

19088966598. 2

19088966599. 3

19088966600. 4

**Question Number : 96 Question Id : 19088916677 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

When a change agent wants to demonstrate special control measures towards Fall Army Worm to a selected group of maize farmers in a village, which communication strategy would you suggest him

1. Audience selection
2. Audience segmentation
3. Audience targeting
4. Audience identification

**Options :**

19088966601. 1

19088966602. 2

19088966603. 3

19088966604. 4

**Question Number : 97 Question Id : 19088916678 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Identify the correct option pertaining to Women's Empowerment in Agriculture Index (WEAI) developed jointly by International Food Policy Research Institute (IFPRI), Oxford Poverty and Human Development Initiative (OPHI) and United States Agency for International Development (USAID) in 2012.

1. It has 5 domains and 10 indicators
2. It has 5 domains and 12 indicators
3. It has 5 domains and 15 indicators
4. It has 5 domains and 18 indicators

**Options :**

19088966605. 1

19088966606. 2

19088966607. 3

19088966608. 4

**Question Number : 98 Question Id : 19088916679 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Read the below statements

A. When a scientist develops a technology, the tendency that his innovation should be diffused and adopted by all members of a social system without any reinvention or rejection is termed as Pro-innovation bias

B. Pro-innovation bias is one of the shortcomings of diffusion research

Please select the correct the answer

1. Both A and B are correct
2. Only A is correct and B is incorrect
3. Only B is correct and A is incorrect
4. Both A and B are incorrect

**Options :**

19088966609. 1

19088966610. 2

19088966611. 3

19088966612. 4

**Question Number : 99 Question Id : 19088916680 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

**Match List I with List II**

List I	List II
A. Innovators	I. Fence- sitter
B. Early adopters	II. Deliberate
C. Early majority	III. Respectful
D. Late majority	IV. Skeptical
	V. Venturesome

Choose the **correct** answer from the options given below:

1. A - II, B -III, C -IV, D -V
2. A -I , B -II , C - III, D - IV
3. A - V, B -III , C -II , D - IV
4. A -III , B -IV , C -V , D - I

**Options :**

19088966613. 1

19088966614. 2

19088966615. 3

19088966616. 4

**Question Number : 100 Question Id : 19088916681 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements (Statement I and Statement II)

Statement I: Central Institute of Women in Agriculture (CIWA) is located in Bhubaneswar, Odisha.

Statement II: Administratively CIWA is under the Agricultural Extension Division of ICAR.

In the light of the above, choose the correct option

1. Both I and II are CORRECT
2. Both I and II are INCORRECT
3. I is INCORRECT, but II is CORRECT
4. I is CORRECT, but II is INCORRECT

**Options :**

19088966617. 1

19088966618. 2

19088966619. 3

19088966620. 4

**Question Number : 101 Question Id : 19088916682 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



A phrase or an expression which is used often and has no meaning in the course of communication is

1. Clique
2. Clinche
3. Cliche
4. Clink

**Options :**

19088966621. 1

19088966622. 2

19088966623. 3

19088966624. 4

**Question Number : 102 Question Id : 19088916683 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

National Strategy for Artificial Intelligence in India was launched in which year

1. 2017
2. 2018
3. 2019
4. 2020

**Options :**

19088966625. 1

19088966626. 2

19088966627. 3

19088966628. 4

**Question Number : 103 Question Id : 19088916684 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which among the following are the 'Digital Initiatives in Knowledge Management' by ICAR ?

- A. CeRA
- B. Krishi Prabha
- C. AgriCat
- D. Krishikosh

- 1. A and B only
- 2. B and C only
- 3. A,B and C only
- 4. A,B ,C and D

**Options :**

19088966629. 1

19088966630. 2

19088966631. 3

19088966632. 4

**Question Number : 104 Question Id : 19088916685 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which among the following is a popular scholarly social networking platform

- 1. Google Scholar
- 2. Mozilla firefox
- 3. Whatsapp
- 4. Yahoo

**Options :**

19088966633. 1

19088966634. 2

19088966635. 3

19088966636. 4

**Question Number : 105 Question Id : 19088916686 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Which among the following is a free online education platform aimed at providing best teaching, learning resources

1. BHUVAN
2. BHOOMI
3. SWAYAM
4. IIDS

**Options :**

19088966637. 1

19088966638. 2

19088966639. 3

19088966640. 4

**Question Number : 106 Question Id : 19088916687 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Established in 2010, the United Nation's entity for "Gender Equality and the Empowerment of Women" is also known as?

1. UN Pro
2. UN Women
3. UN Equity
4. UN Gender

**Options :**

19088966641. 1

19088966642. 2

19088966643. 3

19088966644. 4

**Question Number : 107 Question Id : 19088916688 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Who developed the concept of 'Key Communicator'

1. Shannon
2. Lazarsfield
3. George Meads
4. Berlo

**Options :**

19088966645. 1

19088966646. 2

19088966647. 3

19088966648. 4

**Question Number : 108 Question Id : 19088916689 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

**Match List I with List II**

<b>List I</b>	<b>List II</b>
<b>State</b>	<b>Programme</b>
A. Gujarat	I. Working Women's Forum
B. Tamilnadu	II. Kudumbasree
C. Kerala	III. Annapurna Mahila Mandals
D. Maharashtra	IV. Self Employment Women's Association

Choose the **correct** answer from the options given below:

1. A-IV ,B-II,C- I,D-III
2. A-IV,B-I,C-II,D-III
3. A-IV,B-II,C-III,D-I
4. A-III,B-II,C-I,D-IV

**Options :**

19088966649. 1

19088966650. 2

19088966651. 3

19088966652. 4



**Question Number : 109 Question Id : 19088916690 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following methods of analysis is the most appropriate for 'identifying latent structure in the data'?

1. Cluster analysis
2. Linear regression analysis
3. Factor analysis
4. Analysis of variance

**Options :**

19088966653. 1

19088966654. 2

19088966655. 3

19088966656. 4

**Question Number : 110 Question Id : 19088916691 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the following techniques is used for 'forecasting process framework' based on the result of multiple rounds of questions sent to a panel of experts?

1. Panel discussion
2. Delphi technique
3. Mailed questionnaire survey
4. Sociometric technique

**Options :**

19088966657. 1

19088966658. 2

19088966659. 3

19088966660. 4

**Question Number : 111 Question Id : 19088916692 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Among the journals on extension education published from India, Indian Journal of Extension Education (IJEE) has highest score as per NAAS rating of journals 2021.

**Statement II:** Indian Journal of Extension Education (IJEE) is published by Society of Extension Education, Agra.

In light of the above statements, choose the *correct* answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

**Options :**

19088966661. 1

19088966662. 2

19088966663. 3

19088966664. 4

**Question Number : 112 Question Id : 19088916693 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Arrange the following steps in conducting research in logical sequence (from beginning to end)?

- A. Statement of objectives
- B. Writing report and publishing
- C. Data collection and analysis
- D. Finalizing methods and methodology including sampling
- E. Selection and statement of research problem
- F. Data interpretation and inferencing

Choose the *correct* answer from the options given below

- 1. A, B, E, D, C, F
- 2. E, A, D, C, F, B
- 3. E, D, C, F, B, A
- 4. E, D, A, C, F, B

**Options :**

- 19088966665. 1
- 19088966666. 2
- 19088966667. 3
- 19088966668. 4

**Question Number : 113 Question Id : 19088916694 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

According to Herzberg's two factor theory, which one of the following is NOT a hygiene factor?

- 1. Policy and administration
- 2. Recognition
- 3. Salary
- 4. Working conditions

**Options :**

- 19088966669. 1
- 19088966670. 2

19088966671. 3

19088966672. 4

**Question Number : 114 Question Id : 19088916695 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Theories of Motivation and Proponent Names are given in List I and List II, respectively. Match List I with List II

List I	List II
<b>Theory of motivation</b>	<b>Name of the proponent</b>
I. Valence theory	A. Clayton Alderfer
II. Goal setting theory	B. B. F. Skinner
III. Reinforcement theory	C. Victor Vroom
IV. ERG (expectation, relatedness and growth) theory	D. Edwin Locke

Choose the correct answer from the options given below:

1. I-A, II-D, III-B, IV-C
2. I-D, II-A, III-B, IV-C
3. I-C, II-D, III-B, IV-A
4. I-D, II-C, III-B, IV-A

**Options :**

19088966673. 1

19088966674. 2

19088966675. 3

19088966676. 4

**Question Number : 115 Question Id : 19088916696 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Which one of the following management principles is NOT APPLICABLE to Agricultural Technology Management Agency?

1. Authority and responsibility
2. Coordination
3. Centralization
4. Autonomy

**Options :**

19088966677. 1

19088966678. 2

19088966679. 3

19088966680. 4

**Question Number : 116 Question Id : 19088916697 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

What was the popular name of Intensive Agricultural Development Programme (IADP)?

1. Area programme
2. Educational programme
3. Technology programme
4. Package programme

**Options :**

19088966681. 1

19088966682. 2

19088966683. 3

19088966684. 4

**Question Number : 117 Question Id : 19088916698 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which one of the sampling methods would be the best choice for collecting data from geographically dispersed population?

1. Convenience sampling
2. Cluster sampling
3. Simple random sampling
4. Quota sampling

**Options :**

19088966685. 1

19088966686. 2

19088966687. 3

19088966688. 4

**Question Number : 118 Question Id : 19088916699 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

'Semantic differential scale' is an example of which one of the following levels of measurement?

1. Ratio
2. Ordinal
3. Nominal
4. Interval

**Options :**

19088966689. 1

19088966690. 2

19088966691. 3

19088966692. 4

**Question Number : 119 Question Id : 19088916700 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



SMART principle is usually followed for writing which one of the following?

1. Objectives
2. Research questions
3. Hypotheses
4. Abstract

**Options :**

19088966693. 1

19088966694. 2

19088966695. 3

19088966696. 4

**Question Number : 120 Question Id : 19088916701 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In a research study on entrepreneurship-readiness of final year B. Sc. (Agri) students, it is reported that  $r$  (**coefficient of correlation**) **value of students' academic performance (OGPA)** is *negatively significant* at 0.01 level of significance with their **entrepreneurship-readiness**. Which one of the following options correctly interprets the above result?

1. Students with higher OGPA tend to have significantly higher entrepreneurship-readiness than students with lower OGPA.
2. Students tend to have same level of entrepreneurship-readiness irrespective of their OGPA.
3. Students with higher OGPA tend to have significantly lower entrepreneurship-readiness than those with lower OGPA and vice versa.
4. As OGPA of students increases their entrepreneurship-readiness decreases but the decrease is not significant.

**Options :**

19088966697. 1

19088966698. 2

19088966699. 3

19088966700. 4