

Section 1 - Agricultural Geography

1) The International Water Management Institute advocates a -----approach to wastewater use, where farmers are encouraged to adopt various risk-reducing behaviours

- A) Double-Barrier
 - B) No barrier
 - C) Single-barrier
 - D) Multiple-barrier
-

2) Excessive and inappropriate use of _____ in our agro-ecosystem in the last two decades or so has resulted in degradation of our environment while our pest problems seem greater than ever.

- A) Water
 - B) Crop variety
 - C) Pesticides
 - D) Fertilizer
-

3) _____ technique is also referred to as cluster sampling, it involves the use of samples that are to some extent of clustered.

- A) Random sampling
 - B) Purposive sampling
 - C) Non-probability
 - D) Multistage sampling
-

4) Diversification of agriculture to increase the area under ----- and pulses should be encouraged

- A) Cotton
- B) Rice
- C) Oilseeds
- D) Wheat

5) _____ gas released by the burning of fuels.

- A) Nitrogen
 - B) Oxygen
 - C) Carbon dioxide
 - D) Aragon
-

6) Conversion of fragmented holdings in to one big farm is called as,

- A) Co-operative farming
 - B) Ceiling of land holding
 - C) Consolidation of Land Holdings
 - D) Bhoodan movement
-

7) Among the following which one is not an environmental determinant of health

- A) Water
 - B) Food
 - C) Air
 - D) Soil
-

8) The efficiency of land markets, and thus the country's economic growth potential and equity is affected due to _____

- A) unclear and inconsistent land policies
 - B) inefficient land administration infrastructure
 - C) all of the option
 - D) highly politicized land tax system
-

9) Transport costs vary with the bulkiness and ----- of the product

- A) Quality
- B) Perishability
- C) Type of product
- D) Quantity

10) What is opposite for Deforestation?

- A) Decentralization
 - B) Afforestation
 - C) Desertification
 - D) Degradation
-

11) If the fertilizer ratio of a fertilizer is 0-1-0, then it indicates

- A) Lack of Phosphate and nitrogen
 - B) Lack of nitrogen and Potassium
 - C) Complete fertilizer
 - D) Lack of Nitrogen
-

12) The purpose of regional market is especially for

- A) Wholesale buyers
 - B) Metals
 - C) Food
 - D) Gold
-

13) Irrigation is the _____ of agriculture. Its importance in the development of agriculture in general and monsoonal countries in particular hardly needs any emphasis

- A) Life-line
 - B) Essential component
 - C) life-breathe
 - D) life
-

14) Among the following which variety is called 'miracle rice'?

- A) IR-22
 - B) IR-8
 - C) IR-5
 - D) IR-24
-

15) In general fertilizer usage, the expected efficiencies of nitrogen is

- A) 70-80%
 - B) 50-80%
 - C) 30-70%
 - D) 5-10%
-

16) The deficiency of iodine results in

- A) Goiter
 - B) Beriberi
 - C) Edema
 - D) Night blindness
-

17) The awareness on market information pertains to only _____ in all the categories of farmers.

- A) arrivals and prices in local markets
 - B) arrivals and prices in global markets
 - C) None of the option
 - D) arrivals and prices in Indian markets
-

18) The ----- of a crop or cropping system is measured in terms of yield per unit area over a specified period of time.

- A) Amount
 - B) Soil Type
 - C) Soil content
 - D) Biological efficiency
-

19) The key to the most important aspect of land use lies in the relation of ----- to land.

- A) People
 - B) Farmers
 - C) Scientists
 - D) Population
-

20) _____ random sampling is useful techniques for data collection if the population is heterogeneous.

- A) Non-purposive
 - B) Purposive
 - C) Stratified
 - D) Random
-

21) Along with climate and weather, there are also ----- that can lead to food shortages.

- A) Soil erosion
 - B) Natural disaster
 - C) Rise in sea level
 - D) Artificial disaster
-

22) Irrigation in arid areas of the world provides a flow of water to -----salts in the soil.

- A) flood or wash
 - B) leach or dilute
 - C) Evaporate or dry
 - D) Soak or concentrate
-

23) In which state radical land reform has taken place

- A) Karnataka
 - B) Kerala
 - C) Tamilnadu
 - D) Maharashtra
-

24) Without supplementary-----, intensive agriculture leads to depletion of soil fertility

- A) Tilling
- B) Crop growing
- C) Organic manure
- D) Fertilizers

25) The Access to ----- is a new global initiative that evaluates food and beverage manufacturers on their policies, practices, and performance related to obesity and under nutrition

- A) Food accessibility
 - B) Research
 - C) Food surplus
 - D) Nutrition Index
-

26) People already suffering from minor ailments or nutritional deficiency may thus become potential hosts to several -- ----- diseases.

- A) Infectious
 - B) Non communicable
 - C) Water borne
 - D) Viral
-

27) One of the most striking features of recent development in statistics is the rapid growth of interest in development of ----- methodologies and their applications as well

- A) Research
 - B) Agricultural
 - C) Sampling
 - D) Statistical
-

28) Modernization in irrigation techniques involves _____

- A) canal lining
- B) Both (A) & (B)
- C) (B) Only
- D) improved hydraulic control structures

29) Which is the largest producer of rice in the world

- A) India
 - B) China
 - C) Indonesia
 - D) Bangladesh
-

30) Among the following factors which one is not an institutional factor?

- A) Land distribution
 - B) Land irrigation
 - C) Land tenure system
 - D) Land holdings
-

31) Strong _____, in many lower and middle-income countries, exacerbates competition for land and resources.

- A) labour
 - B) technological knowledge
 - C) demographic growth
 - D) demographic diversity
-

32) Acidic soil is the one which contains

- A) High Ph
 - B) Increased nitrogen
 - C) High level of nutrients
 - D) Low Ph
-

33) _____ have destroyed biodiversity and habitats, driven wild species to extinction, accelerated the loss of environmental production services and eroded agricultural genetic resources.

- A) rainfall
- B) abiotic factors
- C) Agricultural intensification and expansion
- D) biotic factors

34) Modern food aid, which began with the passage of United States Public Law in 1954, is normally classified into three broad categories: program, project, and -----(humanitarian) food aid

- A) Assurance
 - B) Help
 - C) Assistance
 - D) Emergency
-

35) Programs should give greater importance to maintaining the ----- of plant species within home gardens and local agro ecosystems, where they can be exploited sustainably.

- A) Agricultural diversity
 - B) Crop diversity
 - C) Bio-diversity
 - D) Genetic diversity
-

36) ----- conducted an assessment of users' data needs and developed a conceptual framework to address these emerging issues linked to agricultural data.

- A) The World Bank
 - B) Statistical Department
 - C) Statistics Bureaus
 - D) System of National Accounts
-

37) Agriculture uses about ----- of the land on the planet and occupies the lives of about two and a half billion people.

- A) Three Fourths
- B) 25%
- C) Half
- D) One third

38) A special form of irrigation using surface water is-----, also called floodwater harvesting

- A) Border irrigation
 - B) Harvest irrigation
 - C) Spate irrigation
 - D) Sprinkler irrigation
-

39) Sequence of crops grown on a given area of land over a period of time is defined as_____.

- A) Regular Rotation
 - B) Cropping System
 - C) Farm Resources
 - D) Crop production
-

40) The demands placed on global agricultural production arises out of

- A) land and irrigation methods
 - B) population and income growth
 - C) population and land
 - D) precision farming
-

41) _____ are now being filed for agro products, food processing, agrochemicals including fertilizers, and biocides.

- A) Certificates
 - B) Patents
 - C) Labels
 - D) Memorandum
-

42) The main aim of land tenure system during British rule,

- A) To create equity
- B) To provide job
- C) To control the farmers
- D) To generate income

43) A key component to raising good crops is available nutrients in the soil, such as

- A) All of the option
 - B) phosphorus, zinc, calcium and iron
 - C) nitrogen, phosphorus, lime (calcium) and potassium
 - D) phosphorus, sodium, magnesium and phosphorus
-

44) The IP protection systems currently in vogue and stipulated under the _____

- A) GDP agreement
 - B) CFTA agreement
 - C) DSB agreement
 - D) TRIPS agreement
-

45) Cropping systems research helps _____ productivity on annual basis.

- A) Conserving
 - B) Minimizing
 - C) Maximising
 - D) Utilising
-

46) The Green Revolution in the late 1960s shifted the world's focus from increasing agricultural output through expansion of cultivated area to increasing it through higher yields. Yields were increased through the use of -----

- A) Fertilizer
 - B) Irrigation
 - C) All of the options
 - D) New high yield variety seeds (HYVs)
-

47) NREGS stands for _____

- A) None of the options
 - B) National Rehabilitation and Engineering Graduate Society
 - C) National Rural Employment Guarantee Scheme
 - D) National Regional Employment Guarded Scheme
-

48) How to produce more of agriculture produce with limited natural resources in sustainable manner for ensuring food and nutritional security and increasing income of farmers, are major -----before the Nation.

- A) Advantages
 - B) Challenges
 - C) Misuses
 - D) Disadvantages
-

49) Fair Price shops are the units of

- A) PDS
 - B) ICMR
 - C) WFS
 - D) IAAH
-

50) Among the following works, which one can be considered as the economic job

- A) Gleaning of grains
 - B) Collection of fruits
 - C) Vegetable collection
 - D) Paddy processing
-

51) Random sampling is also known as _____ sampling.

- A) Non-probability
 - B) Non Random
 - C) Purposive
 - D) Probability
-

52) The root causes of poor distribution include lack of infrastructure in markets-----

- A) Inefficient markets and poverty
- B) All of the options
- C) Transportation routes
- D) Unsustainable prices due to corruption and waste

53) Ladang is _____

- A) A type of Cattles
 - B) Cultivable land
 - C) High yielding crop of paddy
 - D) Shifting cultivation
-

54) Food as a form of aid to developing countries has its origin in the early ----- when the first structural surpluses in cereal products appeared in the -----.

- A) 1950's, United States
 - B) 1980's, Europe
 - C) 1950's, India
 - D) 1960's, China
-

55) Taichung Native 1 is exotic variety of,

- A) Paddy
 - B) Cotton
 - C) Wheat
 - D) Ragi
-

56) In the opinion of agricultural economists, _____ is a great obstacle and one of the major deterrents to economically variable cultivation.

- A) large farming lands
 - B) the land degradation
 - C) cropping pattern
 - D) the fragmentation of holdings
-

57) The landuse, cropping pattern and crop sequences represent the end-products of -----behaviour.

- A) Climate
 - B) Crop
 - C) Land
 - D) Human
-

58) The role of food aid in combating global food insecurity has received more attention recently as food aid levels fluctuate with -----

- A) Market Strategies
 - B) Import Laws
 - C) Export Materials
 - D) International cereal prices
-

59) There is a significant----- between world cereal prices and global food aid, especially where program food aid is concerned.

- A) Interaction
 - B) Correlation
 - C) Relocation
 - D) Interference
-

60) A reliable and suitable irrigation water supply can result in vast improvements in agricultural production and assure the ----- of the region

- A) Cropping system
 - B) Economic vitality
 - C) Water available
 - D) Soil type
-

61) This is a kind of market classified based on number of commodities

- A) Retail market
- B) Secular market
- C) Specialized market
- D) Commodity market

62) Many new initiatives have been taken to widen the keeping in view the demand and nutritional requirements of the population.

- A) Food production
 - B) food basket
 - C) Food intake
 - D) food purchase
-

63) Among the following markets which one is permanent?

- A) Regional market
 - B) Secular market
 - C) Specialized market
 - D) Wholesale market
-

64) The amount of food produced in many developing countries is insufficient to feed the population, and they may experience severe ----- .

- A) Food surplus
 - B) Food insufficiency
 - C) Food shortages
 - D) Food sufficiency
-

65) Practices that increase production in an unit area of land in a farming year by growing crops in combination and sole crops in sequence is known as_____

- A) Relay Cropping
- B) Multiple Cropping
- C) Inter Cropping
- D) Strip Cropping

66) Aflatoxins are the products of

- A) Algae
 - B) Virus
 - C) Bacteria
 - D) Mold
-

67) Continuous use of ammonium fertilizers result in the increase of

- A) Soil acidity
 - B) Soil pH
 - C) Soil nutrients
 - D) Soil fertility
-

68) Land-use planning can be applied at three broad levels: national, ----- and local

- A) Village
 - B) Taluk
 - C) District
 - D) Grass root level
-

69) Tillage helps in

- A) increases water table level
 - B) preserving soils and nutrients
 - C) Irrigation
 - D) agricultural marketing
-

70) SFDA stands for

- A) State Forest Development Authority
- B) State Food and Drug Authority
- C) Small Farmers Development Agency
- D) State Forest Development Administration

71) The influence of relative location on agriculture was first demonstrated by ----- in 1826

- A) J.H.Von Thunen
 - B) David Ricardo
 - C) Alfred Weber
 - D) William Alonso
-

72) Aquifers are depleted in places where groundwater use exceeds recharging leading to _____.

- A) Drought
 - B) Floods
 - C) Land subsidence
 - D) Famine
-

73) Tomatoes, Pumpkins, and Eggplants, that are eaten as vegetables are called ----- fruits

- A) Dry
 - B) Botanical
 - C) Mediterranean
 - D) Seasonal
-

74) Alfred Weber's work (1909) is considered to have established the foundations of ----- theories.

- A) Cost
 - B) Modern location
 - C) Market
 - D) Rent
-

75) Diammonium phosphate is an example for

- A) Complete fertilizer
- B) Organic fertilizer
- C) Liquid fertilizer
- D) Incomplete fertilizer

76) Large areas of cultivation with single crop is the peculiarity of _____

- A) Mediterranean farming
 - B) Plantations
 - C) Subsistence farming
 - D) Mixed crops
-

77) -----and canals that dot the country in hundreds are centuries old and some of them have served for more than thousand years.

- A) Tanks
 - B) Artificial Tanks
 - C) Rivers
 - D) Artificial lakes
-

78) It is found that rural diet completely depends on-----.

- A) Crop production
 - B) None of the options
 - C) Local production
 - D) Cropping pattern
-

79) The word 'Mohal' means,

- A) Revenue
 - B) Farmer
 - C) Land
 - D) Village
-

80) The planners feel that such diversification not only offers opportunities for raising farm incomes significantly, these are also likely to put less pressure on -----

- A) Terrain
- B) Soil fertility
- C) Natural resources
- D) Water

81) By explicitly modelling ----- , we expect that a few well-understood economic forces will combine with spatial location to collectively produce a global pattern

- A) All of the options
 - B) Individual level actions
 - C) Transportation of goods
 - D) Market location
-

82) Which period is called as 'insecticide era'?

- A) 1939-1962
 - B) 1965-1985
 - C) 1963-1993
 - D) 1936-1969
-

83) Consumers have difficulty purchasing food because of their inability to access markets and/or their inability to -----

- A) Access food
 - B) Purchase
 - C) Get required food
 - D) Afford the costs
-

84) Crop rotation, which is a-----, should be promoted in a holistic manner

- A) Cropping process
- B) Fertilizing process
- C) Harvesting process
- D) Tilling process

85) As surpluses have become more scarce in donor countries, procurement and local purchases of food aid have increased

- A) Domestic
 - B) Local
 - C) Triangular
 - D) Import
-

86) Intensified _____ operations could have significant negative impacts on water and soil, natural habitats and biodiversity

- A) Biofuel
 - B) Watering
 - C) Pesticide
 - D) None of the option
-

87) How to produce more of agriculture produce directly to the farmers----- has been introduced.

- A) Subsidy
 - B) Loan
 - C) Finance
 - D) Electronic Clearance System
-

88) Which country is the top producer of milk in the world?

- A) India
- B) Netherland
- C) Pakistan
- D) Switzerland

89) -----implies a skill or attribute that is handed down from one generation to the next

- A) Tilling
 - B) Irrigating
 - C) Tradition
 - D) Growing
-

90) One of the more evident problems in the future is the growth of alternative demands for water such as urban and---
-----.

- A) commercial needs
 - B) all of the options
 - C) agricultural needs
 - D) industrial needs
-

91) The existence of farmed forests, shellfish plantations, and closed seasons on game and fish are examples of provision for ----- among industries usually extractive.

- A) Agricultural land
 - B) Agricultural practice
 - C) Agricultural regionalization
 - D) Agricultural purpose
-

92) Reforms covering ----- in the Middle East and India followed a similar pattern

- A) Land remodelling
- B) All of the options
- C) Land Distribution
- D) Land lord tenancies

93) In order to avoid isolation of small-scale farmers from the benefits of agricultural produce they need to be integrated and informed with the market knowledge like _____ concepts

- A) (B) only
 - B) fluctuations, demand and supply
 - C) both (A) and (B)
 - D) research and technology
-

94) The (state) _____ is very comprehensive and provides data on a wide range of topics such as crop area and production, land use, irrigation, land holdings, agricultural prices and market intelligence, livestock, fisheries, forestry etc.

- A) DESMOA
 - B) SASA
 - C) DES
 - D) NSSO
-

95) Organophosphates are the derivatives of.

- A) Sulphuric acid
 - B) Phosphoric acid
 - C) Nitric acid
 - D) Carbonic acid
-

96) The economic rent in Von Thunen's theory is often referred to as ----- - rent that arises from the advantage of location in relation to market

- A) Market rent
- B) Transportation cost
- C) Location rent
- D) All of the options

97) Agricultural trade was accorded 'special treatment' and was effectively exempted from some important rules in

- A) CAP
 - B) GATT
 - C) CBO
 - D) ACA
-

98) Which one of the following is not a perishable product?

- A) Fish
 - B) Vegetables
 - C) Cereals
 - D) Milk
-

99) ----- lies closest to the city. Since vegetables, fruit, milk and other dairy products must get to market quickly, they would be produced close to the city

- A) Dairying and intensive farming
 - B) Grain farming
 - C) Forestry
 - D) Livestock
-

100) The first meeting of WTO was held in

- A) Singapore
- B) Seattle
- C) Cancun
- D) Doha

Answer Key**Question Paper No: 60904_6**

1	D	26	C	51	D	76	B
2	C	27	C	52	B	77	D
3	D	28	B	53	D	78	C
4	C	29	B	54	A	79	D
5	C	30	B	55	A	80	C
6	C	31	C	56	D	81	B
7	B	32	D	57	D	82	A
8	C	33	C	58	D	83	D
9	B	34	D	59	B	84	B
10	B	35	D	60	B	85	C
11	B	36	A	61	C	86	A
12	C	37	D	62	B	87	D
13	C	38	C	63	B	88	A
14	B	39	B	64	C	89	C
15	C	40	B	65	B	90	D
16	A	41	B	66	D	91	C
17	A	42	D	67	A	92	D
18	D	43	C	68	C	93	B
19	D	44	D	69	B	94	B
20	C	45	C	70	C	95	B
21	B	46	C	71	A	96	C
22	B	47	C	72	C	97	B
23	B	48	B	73	B	98	C
24	C	49	A	74	B	99	A
25	D	50	D	75	D	100	A