

## SBI Clerk Prelims Memory Based Paper (Based on 29th Feb)

**Directions (1-8) Read the given passage carefully and answer the following questions. Certain parts have been highlighted to help answer the questions.**

With increasing population, urbanisation and continuous depletion of natural resources, there has to be a paradigm shift in farmer's perception from production to productivity and to profitability. In this present scenario, the major challenge arising are shrinking land and depleting water and other related resources in agriculture.

Organic farming promotes the use farm practices such the use of crop rotations and cover crops, balanced host and predator relationships. Organic residues that are left and nutrients produced on the farm should strictly be recycled back to the soil. Cover crops or the composted manure should be used in maintaining soil organic matter and fertility. Insect and disease control preventive methods should be practiced as well. These include improved genetics, crop rotation, and resistant varieties. Integrated weed and pest management, and soil conservation methods are valuable tools in an organic farm. Organically approved pesticides should be used if there is an obligation to do so.

Organic farming works in sync and harmony with nature rather than being against it. It is an agricultural system that seeks to provide the consumer with end products that are fresh, authentic and tasty while respecting the natural life-cycle system.

However, now there is a need for promoting farmer friendly location specific production system management technologies in a **concerted** manner to achieve vertical growth in horticulture production duly ensuring quality of produce and better remuneration per unit of area with judicious use of natural resources. In this endeavour, precision farming aims to have efficient utilisation of resources per unit of time and area for achieving targeted production of horticultural produce. The development of the publicly available global positioning system (GPS) has opened new doors in opportunities for spatial data. More recently farmers have gained access to site specific technology though GPS which is used for yield mapping and variable rate fertilizer/pesticide applicator.

The model advocates the use of special tools and resources to understand the nature of the soil and the crop growth pattern. The land is broken down to "management zones" or "grids" according to the soil pH, nutritional status, pest infestation, and yield rates and based on this analysis, best practices are given to the farmer. It employs farm mechanisation and leads to a decrease in water wastage, checks excessive use of fertilisers, herbicides, and pesticides.

Policy makers could promote precision farming at farm level and \_\_\_\_\_(A)\_\_\_\_\_to develop pilots or models, which can be **replicated** on a large scale, while governments can offer subsidies to mitigate the high financial costs.

Precision agriculture can address both economic and environmental issues that surround production agriculture today. Questions remain about cost-effectiveness and the most effective ways to use the technological tools we now have.

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## TEST PACK

**Q1.** Why has there been an emergency to shift the farmer's perception towards a more sustainable approach?

- (a) to reduce the risk of uncertainty associated with agriculture
- (b) as population explosion has resulted into exhaustion of the natural resources
- (c) to obtain the upgraded quality of fertilizers and pesticides
- (d) to maximize increase in crop yields and farmers' income.
- (e) None of these

**Q2.** Which of the following methods does not come under the purview of organic farming?

- (i) Using bacteria to replenish the nutrients of soil.
  - (ii) Deploying large amount of chemical fertilizers and insecticides to increase the yield.
  - (iii) unified approach to weed and pests control
- (a) Only (ii)
  - (b) Only (iii)
  - (c) Both (i) and (iii)
  - (d) Only (i)
  - (e) None of these

**Q3.** According to the passage which of the following statement is/are INCORRECT?

- (a) Precision farming supports the use of scientific tools to understand the properties of soil.
- (b) Organic residues that are left and nutrients produced on the farm should not be recycled back to the soil.
- (c) Precision farming is an approach where inputs are utilized per unit of time and area to get increased average yields.
- (d) Both (a) and (b)
- (e) All of these

**Q4.** What are some of the techniques being utilised in site specific approach to farming?

- (a) classification of the land into grids on the basis of soil quality of the area involving parameter like pH, nutritional status and yield.
  - (b) Farm mechanisation along with judicious use of fertilisers and other chemicals
  - (c) Using of multimedia to keep track of weather-related events
- (d) (a) and (c)
  - (e) (a) and (b)

**Q5.** How can precision farming be encouraged by the government?

- (a) By spreading awareness regarding organic farming.
  - (b) Allocation of subsidies to implement the method.
  - (c) Penalise farmers using conventional farming practices.
- (d) (a) and (b)
  - (e) None of the above

**Q6.** Which of the following word is similar to 'replicated' as mentioned in the passage given?

- (a) prevailed
- (b) endured
- (c) transformed
- (d) cloned
- (e) None of these

**Q7.** Which of the following phrase is most suitable to fill the blank (A)?

- (a) release nutrients to the crops for increased
- (b) initiates the use of organic farming
- (c) provide technical backup support to farmers
- (d) focuses on the use of natural ways
- (e) commercialize horticulture produce

**Q8.** Which of the following word is opposite to 'concerted' as mentioned in the passage given?

- (a) discrete
- (b) dislocate
- (c) dedicated
- (d) repulsive
- (e) None of these

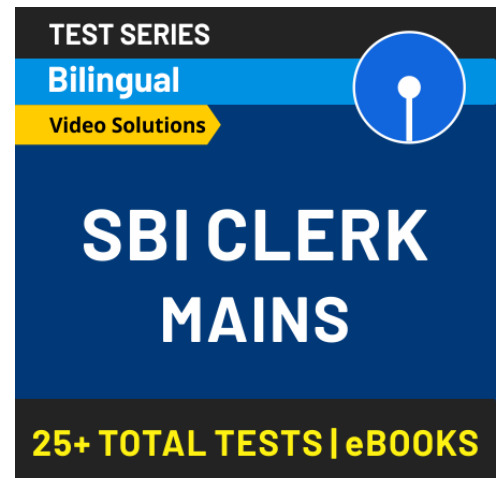
**Q9.** What are the objectives of Organic farming?

- (a) to provide the consumer with fresh, authentic and tasty products
- (b) to maintain soil organic matter and fertility
- (c) to increase the reach of chemical fertilizers
- (d) Both (a) and (b)
- (e) All of these

**Directions (10-15):** In the following questions, a grammatically correct and meaningful sentence is given which is divided into four parts (A), (B), (C) and (D). You have to arrange the four parts to make a contextually and grammatically meaningful sentence (the meaning can be different from the one given in the question). If no such rearrangement is possible or the sentence is correct as it is then mark (e) as your answer i.e. 'No rearrangement required'.

**Q10.** (A) India has adopted stringent screening

- (B) in place a robust quarantine system
- (C) measures at all ports and put
- (D) to deal with suspected coronavirus cases
- (a) BCDA
- (b) CBDA
- (c) ACBD
- (d) DCAB
- (e) No rearrangement is required



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**Q11.** (A) others can backfire on yourself  
(B) friends forever is about the  
(C) and shows how your actions against  
(D) friendship between a frog and a mouse  
(a) DABC  
(b) BDCA  
(c) CDAB  
(d) ABCD  
(e) No rearrangement required

**Q12.** (A) the Government of India designated  
(B) February 28 as National Science Day  
(C) to commemorate the announcement of  
(D) the discovery of the "Raman effect"  
(a) ADCB  
(b) BACD  
(c) CDBA  
(d) DABC  
(e) No rearrangement required

**Q13.** (A) UNESCO has been at the forefront  
(B) of exploring and managing the  
(C) on World Heritage  
(D) impacts of climate change  
(a) DACB  
(b) ABDC  
(c) CBDA  
(d) BCDA  
(e) No rearrangement is required

**Q14.** (A) was stressed recently by the  
(B) the significance of wetland biodiversity  
(C) global report which identified  
(D) wetlands as the most threatened ecosystem  
(a) ACBD  
(b) CADB  
(c) DABC  
(d) BACD  
(e) No rearrangement is required



- Q15.** (A) system for not giving  
(B) enough importance  
(C) to the environment  
(D) Payeng criticized the education  
(a) ADCB  
(b) BACD  
(c) CDBA  
(d) DABC  
(e) No rearrangement required



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**Direction (16-20):** Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with grammatical error as the correct answer. If all the given sentences are grammatically corrects then choose “All are correct”.

- Q16.** (a) If official data is erroneous, their projections would also turn out to be incorrect.  
(b) In June, the stock market was at a record high and yet the investment rate did not rise.  
(c) Freedom of speech and individual liberty are enshrined in Articles 19 and 21 of the Constitution.  
(d) While Nadal is the king of clay and quite adept on grass, the acrylic has often been his bane.  
(e) all are correct
- Q17.** (a) Only certain specific projects or initiatives are undertaken in ‘mission mode’.  
(b) The Train 18 project required the planners to cut red tape and reduce needless procedural hassles.  
(c) It is futile to expect the techno-bureaucracy of the Brazilian Railways to reform itself.  
(d) RTI filings have increased exponentially and RTI-activism has become parts and parcels of civil society.  
(e) all are correct
- Q18.** (a) Recently, the Bombay High Court rejected the plea of Gautam Navlakha, an accused in the Bhima Koregaon case.  
(b) The Ceylon Government proclaimed a nation-wide state of emergency last night.  
(c) The Government have ordered the Army to take over key points at oil and power stations.  
(d) Captioning on TV for the aurally-challenged is not new.  
(e) all are correct
- Q19.** (a) Rafael Nadal’s relationship with hard courts can be described as tenuous at best.  
(b) The cost of SLS is negligible for new content when incorporated in the production process itself.  
(c) Civil society has shown how SLS can be implemented cost-effectively.  
(d) The two organisations, ISRO and the Indian Railways, are different as chalk and cheese.  
(e) all are correct

- Q20.** (a) The Indian Space Research Organisation (ISRO) has witnessed many trials and tribulations.  
(b) Chandrayaan-2 was initially conceived as a collaborative mission between India and Russia.  
(c) The Chandrayaan-2 orbiter carries eight instruments on board to photograph the moon.  
(d) The contribution of manufacturing to GDP in 2017 was only about 16%.  
(e) all are correct

**Directions (21-25):** In the following passage, some of the words are given in bold, each of which is indicated by a number. Find the suitable word from the options given against each number to replace the highlighted incorrect word to make the paragraph meaningfully complete. If the given word is correct, choose option 'e' as your answer choice.

Two-thirds of the world's most **fair(21)** cities are in India, and Delhi has the worst air among all capitals, the 2019 World Air Quality Report by IQAir AirVisual, which takes readings from 98 countries. The study was based on average yearly levels of PM2.5 concentration. The road map for cleaning Delhi's air has been clear for some time. While the **reverse(22)** of power plants and big industry, natural gas transition across sectors, phase-out of old vehicles, **system(23)** in truck numbers, BS-VI fuels and BS-IV standards, and more, has bent the curve, more disruptive action is needed for clean energy and technology transition, mobility transition and waste management to get the next big cut. There also needs to be a stronger **problem(24)** about the nature and direction of action to drive change more strategically and for effective impact.

While the media focus on the non-flattering IQAir AirVisual report, which comes a year after the Centre rolled out the National Clean Air Programme (NCAP), has been on the Delhi-National Capital Region area, this is also an opportune moment to look at how other cities are **disturb(25)** on the NCAP, the ambitious five-year action plan with a tentative target of 20-30% reduction in concentrations of PM10 and PM2.5 in 102 non-attainment cities, by 2024, with 2017 as the base year. This is important because the IQAir AirVisual says India has 14 of the 20 most polluted cities in the world.

**Q21.**

- (a) rare  
(b) polluted  
(c) smaller  
(d) congest  
(e) No replacement required

**Q22.**

- (a) suffer  
(b) drawn  
(c) structure  
(d) shutdown  
(e) No replacement required

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**Q23.**

- (a) reduction
- (b) correction
- (c) tracking
- (d) handling
- (e) No replacement required

**Q24.**

- (a) capable
- (b) possible
- (c) awareness
- (d) gains
- (e) No replacement required

**Q25.**

- (a) construct
- (b) cutting
- (c) faring
- (d) behaviour
- (e) No replacement required

**Directions (26-30):** In each of the question given below, a statement has been given with a blank. Five words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

**Q26.** ISRO's successes are built on the \_\_\_\_\_ of multiple failures improved over five decades.

- (a) correlation
- (b) reign
- (c) altar
- (d) dominion
- (e) remittances

**Q27.** Motorists have reacted with \_\_\_\_\_ at the imposition of fines by the police.

- (a) abrogation
- (b) enticing
- (c) collaterals
- (d) outrage
- (e) dissemination

**Q28.** No major country managed to reduce poverty or \_\_\_\_\_ growth without manufacturing driving economic growth.

- (a) infuriate
- (b) effuse
- (c) inept
- (d) sustain
- (e) reticent



**Q29.** In the U.S. and Europe, after the 2008 crisis, the erstwhile \_\_\_\_\_ of neo-liberal policies started strategic government efforts to revive their industrial sectors.

- (a) aggregates
- (b) registers
- (c) resolved
- (d) consequences
- (e) proponents

**Q30.** Unfortunately, the potential role of industrial policy has been consistently \_\_\_\_\_ in developing countries outside East Asia.

- (a) clumsily
- (b) downplayed
- (c) regression
- (d) contemplate
- (e) none of these



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