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सूचना

(1) सदर प्रश्नपुस्तिकेत 100 अनिवार्य प्रश्न आहेत. उमेदवारांनी प्रश्नांची उत्तरे लिहिण्यास सुरुवात करण्यापूर्वी या प्रश्नपुस्तिकेत सर्व प्रश्न आहेत किंवा नाहीत याची खात्री करून घ्यावी. तसेच अन्य काही दोष आढळल्यास ही प्रश्नपुस्तिका समवेक्षकांकडून लगेच बदलून घ्यावी.

(2) आपला परीक्षा-क्रमांक ह्या चौकोनांत न विसरता बॉलपेनने लिहावा.

परीक्षा-क्रमांक										

केंद्राची संकेताक्षरे

शेवटचा अंक

(3) वर छापलेला प्रश्नपुस्तिका क्रमांक तुमच्या उत्तरपत्रिकेवर विशिष्ट जागी उत्तरपत्रिकेवरील सूचनेप्रमाणे न विसरता नमूद करावा.

(4) या प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाला 4 पर्यायी उत्तरे सुचविली असून त्यांना 1, 2, 3 आणि 4 असे क्रमांक दिलेले आहेत. त्या चार उत्तरांपैकी सर्वात योग्य उत्तराचा क्रमांक उत्तरपत्रिकेवरील सूचनेप्रमाणे तुमच्या उत्तरपत्रिकेवर नमूद करावा. अशा प्रकारे उत्तरपत्रिकेवर उत्तर-क्रमांक नमूद करताना तो संबंधित प्रश्न-क्रमांकासमोर छायांकित करून दर्शविला जाईल याची काळजी घ्यावी. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.

(5) सर्व प्रश्नांना समान गुण आहेत. यास्तव सर्व प्रश्नांची उत्तरे द्यावीत. घाईमुळे चुका होणार नाहीत याची दक्षता घेऊनच शक्य तितक्या वेगाने प्रश्न सोडवावेत. क्रमाने प्रश्न सोडविणे श्रेयस्कर आहे पण एखादा प्रश्न कठीण वाटल्यास त्यावर वेळ न घालविता पुढील प्रश्नांकडे वळावे. अशा प्रकारे शेवटच्या प्रश्नापर्यंत पोहोचल्यानंतर वेळ शिल्लक राहिल्यास कठीण म्हणून वगळलेल्या प्रश्नांकडे परतणे सोईस्कर ठरेल.

(6) उत्तरपत्रिकेत एकदा नमूद केलेले उत्तर खोडता येणार नाही. नमूद केलेले उत्तर खोडून नव्याने उत्तर दिल्यास ते तपासले जाणार नाही. एकापेक्षा जास्त उत्तरे नमूद केल्यास ते उत्तर चुकीचे धरले जाईल व त्या चुकीच्या उत्तराचे गुण वजा केले जातील.

(7) प्रस्तुत परीक्षेच्या उत्तरपत्रिकांचे मूल्यांकन करताना उमेदवारांच्या उत्तरपत्रिकेतील योग्य उत्तरांनाच गुण दिले जातील. तसेच "उमेदवाराने वस्तुनिष्ठ बहुपर्यायी स्वरूपाच्या प्रश्नांची दिलेल्या चार उत्तरांपैकी सर्वात योग्य उत्तरेच उत्तरपत्रिकेत नमूद करावीत. अन्यथा त्यांच्या उत्तरपत्रिकेत सोडविलेल्या प्रत्येक चुकीच्या उत्तरांसाठी 25% किंवा 1/4 गुण वजा/कमी करण्यात येतील."

ताकीद

ह्या प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपेपर्यंत ही प्रश्नपुस्तिका आयोगाची मालमत्ता असून ती परीक्षाकक्षात उमेदवाराला परीक्षेसाठी वापरण्यास देण्यात येत आहे. ही वेळ संपेपर्यंत सदर प्रश्नपुस्तिकेची प्रत/प्रती, किंवा सदर प्रश्नपुस्तिकेतील काही आशय कोणत्याही स्वरूपात प्रत्यक्ष वा अप्रत्यक्षपणे कोणत्याही व्यक्तीस पुरविणे, तसेच प्रसिद्ध करणे हा गुन्हा असून अशी कृती करणाऱ्या व्यक्तीवर शासनाने जारी केलेल्या "परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचा अधिनियम-82" यातील तरतुदीनुसार तसेच प्रचलित कायद्याच्या तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.

तसेच ह्या प्रश्नपत्रिकेसाठी विहित केलेली वेळ संपण्याआधी ही प्रश्नपुस्तिका अनधिकृतपणे बाळगणे हा सुद्धा गुन्हा असून तसे करणारी व्यक्ती आयोगाच्या कर्मचारीवृंदापैकी, तसेच परीक्षेच्या पर्यवेक्षकीयवृंदापैकी असली तरीही अशा व्यक्तीविरुद्ध उक्त अधिनियमानुसार कारवाई करण्यात येईल व दोषी व्यक्ती शिक्षेस पात्र होईल.

पुढील सूचना प्रश्नपुस्तिकेच्या अंतिम पृष्ठावर पहा.

पर्यवेक्षकांच्या सूचनेविना हे सील उघडू नये

SEAL



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कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK



1. As per the National Rainfed Area Authority, the frequency of occurrence of drought once in India
- (1) 1-5 Years (2) 1-10 Years
(3) 2-5 Years (4) > 10 years
-
2. Which of the following action can reorient the agricultural system and ensure food security in climate change ?
- (1) Global absorbing system (2) Climate smart agriculture
(3) IPCC (4) All of the above
-
3. To act as a countervailing mechanism against traders and businessman who try to push up prices, especially during periods of shortage of food is one of the component of
- (1) food safety (2) buffer stock
(3) public distribution system (4) food security system
-
4. The 2014 World Food Prize was awarded to _____ who developed 480 varieties of disease resistant wheat.
- (1) Dr. Sanjay Rajaram (2) Dr. Howarth Bouis
(3) Dr. Maria Andrade (4) Sir Fazle Hasan Abed
-
5. The quantum of _____ is directly linked with the commitments of the public distribution system.
- (1) demand (2) supply
(3) procurement (4) food chain
-
6. Currently the term _____ is used more commonly to denote identification of earth features by detecting the characteristic electromagnetic radiation reflected/emitted by earth surface.
- (1) Bioinformatics (2) Reflection
(3) Remote sensing (4) Emission
-
7. As the level of per capita income improves over the years the proportion of labour force dependent on agriculture declines but that on _____ and services increases.
- (1) trading (2) business
(3) money lender (4) industry



8. Since _____ (after Bengal famine), the system of rationing for equitable distribution of food grains was introduced in India.

- (1) 1941 (2) 1943 (3) 1945 (4) 1947
-

9. _____ occurs when the waters of the eastern Pacific are abnormally cold.

- (1) Cyclone (2) Anticyclone
(3) La Nina (4) El Nino
-

10. Which of the following institutes are now investigating how to make crops more resilient to environmental stress ?

- (1) FAO (2) WMO
(3) IPCC (4) CGIAR
-

11. Goal of precision farming is

- a. High input – high output
b. Low input but constant output
c. Optimised input – output
d. Low input – low output

Which of the above statement/s is/are correct ?

- (1) a only (2) b only
(3) c only (4) a and d only
-

12. In Jhumming cultivation

- a. Land is rotated but crop is fixed
b. Same crop is grown year after year
c. It causes soil erosion
d. Soil productivity is lost

Which of the above statement/s is/are correct ?

- (1) a only (2) a and b only
(3) a, b and c only (4) a, b, c and d
-

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13. The earth is considered a black body at about 300° K emitting _____ with peak emission at around 9.7 micrometre.

- (1) electro-magnetic radiation (2) short wave radiation
(3) insulation (4) X-ray

14. Increased insect damage under elevated CO₂ has been observed in early season Soyabean, possibly due to increased concentrations of _____ in the leaves.

- (1) photosynthates (2) chlorophyll
(3) sugars (4) triglycerides

15. Nitrogen fixed by the Rhizobium is translocated through xylem vessels of the host plant in the form of

- a. Asparagine
b. Glutamine
c. Glutinin
d. Thiamine

Which of the above form is/are correct ?

- (1) a only (2) a and b only (3) a, b and c only (4) c and d only

16. A portion of solar radiation, up to _____ in terms of energy is used in photosynthesis.

- (1) 24% (2) 28% (3) 32% (4) 36%

17. Indoor air pollution causes

- a. Lungs cancer
b. Pneumonia
c. Tuberculosis
d. Blindness

Which of the statement given above is/are correct ?

- (1) a only (2) b only
(3) a, b and c only (4) a, b, c and d



18. Which of the following is not a scenario growing developed by IPCC ?

- | | |
|----------|-----------|
| (1) ISMO | (2) RCP's |
| (3) SRES | (4) IS92 |

19. Severe climate change challenges to the Agricultural sector are

- | | |
|------------------------------|----------------------|
| (1) Rising sea level | (2) Droughts |
| (3) CO ₂ emission | (4) Both (1) and (2) |

20. _____ is the process of transformation of inorganic CO₂ through photosynthesis by plants into organic carbon and sink in soils.

- | | |
|-------------------|--------------------------|
| (1) Carbon credit | (2) Photosynthesis |
| (3) Respiration | (4) Carbon sequestration |

21. The Government of India launched the Targeted Public Distribution Systems (TPDS) with a focus on the poor in

- | | |
|---------------|---------------|
| (1) June 1945 | (2) June 1946 |
| (3) June 1992 | (4) June 1997 |

22. Which of the following involve art and scientific processes of obtaining reliable information about physical environment by remotely sensed analog data in digital format ?

- | | |
|-----------------------------------|--------------------------------|
| (1) Remote sensing | (2) Surveying principles |
| (3) Automated data capture system | (4) Photogrammetric principles |

23. GPS position information has the accuracy in between

- | | |
|-------------------|--------------------|
| (1) 100 to 0.1 m | (2) 100 to 0.01m |
| (3) 1000 to 0.1 m | (4) 1000 to 0.01 m |

24. Under _____ farming, moisture availability is enough to the crops.

- | | |
|----------------------|-----------------|
| (1) dry land farming | (2) dry farming |
| (3) rainfed farming | (4) semi-arid |

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

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25. In areas where the annual rainfall is in the range of 600-850 mm, _____ is being recommended and practiced.

- | | |
|---------------------|-------------------|
| (1) double cropping | (2) intercropping |
| (3) triple cropping | (4) crop rotation |

26. The low analysis fertilizers contain _____ per cent of primary nutrients.

- | | |
|------------------|------------------|
| (1) less than 25 | (2) less than 30 |
| (3) less than 35 | (4) less than 40 |

27. _____ refers to complementary interaction which occurs both in space and time.

- | | |
|--------------------|-----------------------|
| (1) Relay cropping | (2) Sequence cropping |
| (3) Annimation | (4) Annidation |

28. _____ leave toxic chemicals in the soil which donot allow germination of subsequent crops.

- | | |
|---------------|--------------|
| a. Sorghum | b. Sunflower |
| c. Sugar cane | d. Sesamum |

Which of the above is/are correct ?

- | | |
|---------------------|-----------------------|
| (1) a only | (2) a and b only |
| (3) a, b and c only | (4) All a, b, c and d |

29. The first cultivated crops in the world are

- | | |
|---------------------|-----------------------|
| (1) Wheat and Rice | (2) Wheat and Barley |
| (3) Wheat and Maize | (4) Wheat and Sorghum |

30. _____ is a very broad term encompassing all aspects of crop production, livestock, farming, fisheries, forestry etc.

- | | |
|-----------------|------------------------|
| (1) Agriculture | (2) Silviculture |
| (3) Agronomy | (4) Silvi-horticulture |

31. _____ is thoroughly mixed for enrichment of farmyard manure (fym) before one month of application.

- | | |
|-----------------------|-------------------|
| (1) Super Phosphate | (2) Urea |
| (3) Muriate of Potash | (4) All the above |



32. Which plants are considered sensitive to chloride deficiency ?
- (1) Coconut and oil palm (2) Maize and groundnut
(3) Legumes and cotton (4) Rice and sorghum
-
33. The occupational structure of a country refers to the distribution or division of its _____ according to different occupations.
- (1) population (2) property
(3) wealth (4) income
-
34. Low real income per head is always associated with a low proportion of the working population engaged in _____ production and a high percentage in primary production.
- (1) secondary (2) basic (3) tertiary (4) primary
-
35. Naturally, the work force participation rate was _____ in pre-independence period.
- (1) low (2) high (3) minimum (4) normal
-
36. Which of the following crops export has began the scientific agriculture in India ?
- (1) Sunflower, Mustard, Safflower (2) Wheat, Rice, Barley
(3) Sugar cane, Cotton, Tobacco (4) Cotton, Tea, Jute
-
37. Which clouds give good amount of rainfall in the middle and high latitudes ?
- (1) Alto - Stratus (2) Alto - Cumulus
(3) Nimbo - Stratus (4) Strato - Cumulus
-
38. Mobile nutrient ions in soil are
- a. $\text{SO}_4^{=}$, $\text{BO}_3^{=}$, M_n^{++}
b. K^+ , Mg^{++} , Cu^{++}
c. $\text{Ca}^{\bar{}}$, Zn^{\dagger} , NH_4^+
d. H_2PO_4^- , $\text{HPO}_4^{=}$
- (1) a only (2) a and b only
(3) a, b and c only (4) a, b, c and d
-

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

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39. In C_4 plants, phosphoenolpyruvic acid carboxylase has very high affinity for carbon dioxide and high potential activity. Therefore
- C_4 plants have higher photosynthetic rate than C_3 plants
 - C_4 plants are said to be drought resistant as they are able to grow better even under moisture stress
 - C_4 plants translocate photosynthates more rapidly
 - Some C_4 plants can photosynthesize even when carbon dioxide concentration is 100 ppm

Which of the above statement/s is/are correct ?

- (1) a only (2) a and b only
(3) a, b and c only (4) All a, b, c and d

-
40. During the process of _____, ammonium is converted into nitrate by Nitrosomonas bacteria.

- (1) nitrification (2) mineralisation
(3) mobilization (4) immobilization

-
41. _____ in a country i.e. proportion of working population to total population, depends upon such factors as age and sex composition, attitude to work, availability of work etc.

- (1) The work force participation rate (2) Economic progress
(3) High GDP (4) Man power

-
42. From the agricultural point of view which structure of soil is most desirable

- (1) Platy (2) Crumb (3) Columnar (4) Granular

-
43. Consider the statement about Water requirement of different crops.

- Sorghum – 450-500 mm
- Gram – 250-400 mm
- Pigeon pea – 70-140 mm
- Groundnut – 500-700 mm

Which of the statement/s given above is/are correct ?

- (1) a only (2) c only (3) a and b only (4) a, b, c and d



44. Consider the following gases

- a. CO_2
- b. N_2O
- c. CH_4 and O_3
- d. Chlorofluorocarbons

Which of the above are the green house gases ?

- (1) a only
- (2) a and b only
- (3) a, b and c only
- (4) a, b, c and d

45. Among the following fertilisers which is/are also known as organic fertilisers ?

- a. Ammonium nitrate
- b. Calcium ammonium nitrate
- c. Urea
- d. Calcium cyanide

- (1) a only
- (2) a and b only
- (3) a, b and c only
- (4) c and d only

46. _____ is the physical condition in which soil is an optimally loose, friable and porous assemblage of aggregates permitting free movement of water and air, easy cultivation, planting, unobstructed germination and root growth.

- (1) Soil structure
- (2) Soil texture
- (3) Soil tilth
- (4) Tillage

47. Hydraulic conductivity is

- a. Higher in heavy soils under low water potential
- b. Higher in sandy soils under low water potential
- c. Lower in heavy soils under low water potential
- d. Lower in sandy soils under high water potential

Which of the statement/s given above is/are correct ?

- (1) a only
- (2) a and b only
- (3) a, b and c only
- (4) a, c and d only

48. _____ assures reasonable prices so as to remove all exploitation of the farmers by dalals and arhatiyas.

- (1) Market yard
- (2) Regulated market
- (3) Co-operative marketing
- (4) Weekly markets

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49. The Government intends to use the income tax assessee's criterion to eliminate non-eligible families for _____ from public distribution system.

- (1) Wheat (2) Rice
(3) Sugar (4) Wheat, rice and oil

50. Staatz in 1990 defined _____ as the ability to assure on a long term basis, that the food system provides the total population access to a timely, reliable and nutritionally adequate supply of food.

- (1) Public distribution system (2) Food safety
(3) Rationing system (4) Food security

51. Amongst the following statement/s which is/are correct ?

- a. Monocalcium phosphate is water soluble phosphoric acid.
b. Dicalcium phosphate is citric acid soluble phosphoric acid.
c. Tricalcium phosphate is insoluble phosphoric acid.
d. Super phosphate, triple super phosphate and ammonium phosphate contain P in the available form of phosphoric acid.

- (1) a only (2) b only
(3) a, b and c only (4) a, b, c and d

52. Consider the plants

- a. Sesbania aculeata
b. Sesbania speciosa
c. Sesbania rostrata
d. Pongamia glabra

Which of the above are leguminous plants ?

- (1) a only (2) b only
(3) a, b and c only (4) a, b, c and d



53. The IPCC for climate change has estimated that by 2100 the global average surface warming will increased by

- (1) 1.1 to 4.0°C (2) 1.1 to 6.4°C
(3) 2.1 to 5.0°C (4) 2.1 to 7.4°C

54. What is the full form of UNFCCC ?

- (1) United Nations Framework Conduct on Climate Change
(2) United Nations Focused Centre on Climate Change
(3) United Nations Framework Convention on Climate Change
(4) United Nations Fraternity Confederation on Climate Change

55. Nanofertilizers are having _____ times less requirement as compared to chemical fertilizers applied to crop.

- (1) 40 – 60 (2) 60 – 80
(3) 80 – 100 (4) 100 – 120

56. First hybrid rice was developed by _____ in 1976, the father of Hybrid Rice Revolution.

- (1) Professor Yuvan Long Ping (2) Dr. M.S. Swaminathan
(3) Dr. Norman E. Borlaug (4) Barwale B.R.

57. Which of the following crops have an inherent quality to trap the moisture from lower strata of the soil and they are considerably moisture stress (drought) tolerant and fits well in rainfed environment ?

- a. Cereals
b. Pulses
c. Oil seeds
d. Fibre crops
- (1) a only (2) b only
(3) b and d only (4) c and d only

कच्च्या कामासाठी जागा / SPACE FOR ROUGH WORK

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58. In which part of India shifting cultivation is practiced ?

- (1) Eastern Himalayan zone (2) Western Himalayan zone
(3) Lower gangetic plane (4) Western Plateau and hill region

59. _____ represents cropping patterns used on a farm and their interaction with farm resources, other farm enterprises and available technology which determine their make up.

- (1) Farming system (2) Farm enterprises
(3) Mixed farming (4) Cropping system

60. Direct Solar radiation measuring instrument is

- (1) Barometer (2) Sunshine reader
(3) Hygrometer (4) Pyrheliometers

61. Tenant is deemed to have purchased land on tillers day as per Maharashtra tenancy and Agricultural Lands Act if

- i. such tenant is a permanent tenant and there of cultivates land personally.
ii. such tenant is not a permanent tenant but cultivates land leased personally.
iii. such tenant to whom the landlord has not given notice of termination of his tenancy.
iv. such tenant to whom notice has been given but landlord has not applied to Mamlatdar for obtaining possession of lands.
- (1) i and ii are correct (2) ii, iii and iv are correct
(3) iii and iv are correct (4) i, ii, iii and iv are correct

62. Section 10 of Maharashtra Land Revenue Code 1966 associated with which of the following provision ?

- (1) Survey Officer (2) False statement
(3) Attempts and Abetment (4) Temporary vacancies



63. Which of the following means sugar as per the Essential Commodities Act ?
- Any form of sugar containing more than ninety percent of sucrose, including sugar candy.
 - Khandsari sugar or bura sugar.
 - Crushed sugar or any sugar in crystalline or powdered form.
 - Sugar in process in vacuum-pan sugar factory or raw sugar produced therein.
- (1) only i correct (2) ii, iii and iv are correct
(3) only iv is correct (4) i, ii, iii and iv are correct

64. The first day of _____ referred to as “the tillers day” as per Section 32(1) of the Maharashtra tenancy and Agricultural Land Act, 1948.
- (1) March 1947 (2) June 1967
(3) April 1957 (4) August 1977

65. Match the following in view of Maharashtra Land Revenue Code 1966.

Sections**Provisions**

- | | |
|-------|---|
| a. 13 | i. Disposal of intestate occupancies |
| b. 34 | ii. Powers and Duties of Revenue Officers |
| c. 38 | iii. Penalty for so using land without permission |
| d. 45 | iv. Power to grant leases |
- (1) a-ii b-i c-iv d-iii
(2) a-i b-ii c-iii d-iv
(3) a-ii b-i c-iii d-iv
(4) a-iii b-iv c-i d-ii

66. As per Section 6 of the Biodiversity Act, 2002 an application for intellectual property rights is to be made only with the approval of
- (1) National Biology Officer
(2) Central Environment Minister
(3) Central Standards' Officer
(4) None of the above

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67. As per Section 45 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 the Central Government shall constitute a fund to be called as the

- (1) National Wildlife Fund (2) National Gene Fund
(3) National Farmers' Right Fund (4) National Geo-political Fund

68. Observe the following statements in respect of National Food Security Act, 2013

Statement I : Section 14 of the Act deals with Constitution of State Food Commission.

Statement II : The purpose of State Food Commission is to monitor and review the implementation of this Act.

- (1) Statement I correct; II incorrect (2) Statement II correct; I incorrect
(3) Both Statements are correct (4) Both Statements are incorrect

69. As per Section 13(1) of the Indian Seeds Act, 1966 the State Government may, appoint _____ and define the areas with in which they shall exercise jurisdiction.

- (1) Seed Protectors (2) Seed Managers
(3) Seed Collectors (4) None of the above

70. As per Section 9 of the Prevention of Food Adulteration Act, 1954 the Central Government or the State Government may appoint _____ for such local areas, and he shall be deemed to be a public servant as per Section 21 of the Indian Penal Code, 1860.

- (1) Food Occupier (2) Food Manager
(3) Food Producer (4) None of the above

71. With reference to Pradhan Mantri Fasal Bima Yojana, consider the following statement.

- a. Under this scheme farmer will have to pay uniform premium of two per cent for any crop they cultivate in any season.
b. The scheme covers post harvest losses arising out of cyclones, unseasonal rains.

Which of the statement/s given above is/are correct ?

- (1) a only (2) b only
(3) both a and b (4) Neither a nor b



72. Aajeevika Grameen Express Yojana (AGEY) provides safe, affordable and community monitored transport services to rural areas. The vehicles are owned and operated by

- (1) Grampanchayat
- (2) Co-operative society
- (3) Member of Self-Help Group (SHG)
- (4) None of the above

73. Production Linked Incentive Scheme for Food Processing Industry (PLISFPI) major segments are

- (1) Ready to cook/ready to eat foods including millets based product
- (2) Processed fruits and vegetables
- (3) Marine products, Mozzarella cheese
- (4) All of the above

74. Key thrust areas of PKVY is promoting organic farming which includes the following.

- a. Promote organic farming among farmers
 - b. Disseminate latest technology in organic farming
 - c. Utilize the services of experts from Public Agricultural research system
 - d. Organize a minimum of one cluster demonstration in village
- (1) All four statements are correct
 - (2) Statement (c) is wrong
 - (3) Only statement (a) and (b) are correct
 - (4) Only statement (a) is correct

75. Major components of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) are

- (1) Accelerated Irrigation Benefit Program (AIBP)
- (2) Har Khet Ko Pani (HKKP)
- (3) Per Drop More Crop (PDMC)
- (4) All of the above



83. Input subsidy (where crop loss is 33% and above) under National Disaster Response Fund (NDRF) for sericulture (Eri, Mulberry, Tussar) is

- (1) 4800 per ha. (2) 6000 per ha.
(3) 6800 per ha. (4) 13500 per ha.

84. Dihydrate polyhalite is one of the following.

- (1) Insecticide (2) Herbicide
(3) Fertilizer (4) None of the above

85. As per Economic survey of India 2022-23, food inflation based on Consumer Food Price Index (CFPI) climbed to 7 per cent in financial year 2023 from 3.8 per cent in financial year 2022. Select the two top most drivers responsible for hike in food inflation in FY 2023.

- (1) Meat & Fish and Milk Products
(2) Spices and Fruits
(3) Pulses & its products and spices
(4) Cereals & its product and milk & its product

86. The FSSAI of India has specified a comprehensive group standard for millets Vide Food Safety and Standard (Food Products Standards and food additives) Second Amendment Regulation 2023; In this context; which of the following statement/s is/are incorrect ?

- a. Earlier millets were not under purview of this act.
b. Only few millets like Jowar, Bajara, Ragi and Amaranthus are prescribed in the Food Safety and Standard Regulation 2011.
c. By 2nd amendment FSSAI has framed a group of standard for 15 types of millets specifying 8 quality parameters.
d. 2nd amendment will be enforced with immediate effect.
- (1) a, c only (2) b, c, d only
(3) d only (4) a, d only



87. How much is the total budget estimate for Ministry of Agriculture and Farmers' Welfare, Govt. of India, in the Union Budget for 2022 – 23 ?

- (1) 132513.62 Crores (2) 225025.07 Crores
(3) 328011.13 Crores (4) 117308.20 Crores

88. Match the following :

Variety/Hybrid	Crop Name
a. TAKPS – 5	I. Groundnut
b. NIAW 3624	II. Sorghum
c. PU – 0609 – 43	III. Bread Wheat
d. K – 1812	IV. Urdbean
	V. Drum Wheat

	a	b	c	d
(1)	II	V	III	IV
(2)	I	V	IV	II
(3)	III	V	IV	I
(4)	II	III	IV	I

89. Which of the following statements regarding millet is not true ?

- (1) Its cultivation is declining in many countries
(2) They have potential to address climate change and food security
(3) Their consumption helps in curing cancer
(4) They can be grown with fewer inputs

90. The Union Budget for 2018 – 19 had announced the predetermined principle to keep MSP at the level of how much times that of the cost of production ?

- (1) 1.25 (2) 1.50
(3) 1.75 (4) 2.00

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91. Match the correct pairs :

Schemes		Purpose	
i. PM – AASHA		a. procurement of oil seed and pulses under PSS and provide remunerative prices	
ii. MIS – PSS		b. to ensure MSP to farmers comprising of PSS, PDPS and PPSS	
iii. PM – KISAN		c. to provide income support to farmer families	
iv. PMGSY		d. rural road development to improve connectivity	
(1) i-a	ii-b	iii-c	iv-d
(2) i-a	ii-d	iii-b	iv-c
(3) i-b	ii-a	iii-c	iv-d
(4) i-c	ii-b	iii-a	iv-d

92. Who shall be the Chairperson of the National Disaster Management Authority ?

- (1) President of India, ex officio
- (2) Prime Minister of India, ex officio
- (3) Home Minister of India, ex officio
- (4) As appointed by the Union Cabinet

93. As per National Import-Export record for yearly analysis of trade; which of the following States ranks among top three in respect of value in share of export in agriculture commodity in financial year 2021 – 22 ?

- (1) Gujarat, Maharashtra and Andhra Pradesh
- (2) Maharashtra, Andhra Pradesh and Uttar Pradesh
- (3) Gujarat, Maharashtra and Uttar Pradesh
- (4) Gujarat, Maharashtra and Karnataka

94. How many APMCs in Maharashtra State are integrated with e-NAM, a pan-India electronic trading portal, up to Dec. 2021 ?

- (1) 76 (2) 118 (3) 180 (4) 228



95. In reference to Union Budget 2023 ; Match the followings.

	Priority		Measures	
	a. Inclusive development		I. Water for drought prone area	
	b. Reaching the last mile		II. Digital Public Infrastructure for Agriculture	
	c. Green growth		III. Skill India digital platform	
	d. Youth power		IV. PM-PRANAM	
	a	b	c	d
(1)	II	I	IV	III
(2)	I	II	III	IV
(3)	IV	III	II	I
(4)	III	II	I	IV

96. Which of the following are top two millet exporting destination countries (in terms of quantity MT) of India in 2021-22 ?

- (1) United Arab Emirates and United States of America
- (2) United Arab Emirates and Nepal
- (3) China and United Arab Emirates
- (4) China and Germany

97. The KCC Scheme aims at providing adequate and timely credit support from banking system to the farmers for their needs as indicated below.

- a. To meet the short term credit requirement of cultivation and post harvest expenses of crops.
- b. Produce marketing loan.
- c. Consumption requirements of farmer household.
- d. Working capital for maintenance of farm assets and activities allied to agriculture.
- e. Investment credit requirement for agriculture and allied activities.

Which of the above statement/s is/are correct/true ?

- (1) a, b, c, d, e
- (2) a, b, c only
- (3) a, b, c, e only
- (4) a, b, c, d only

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98. What would be the correct sequence of crops in the descending order of their area under cultivation in Maharashtra State in 2020 – 21 ?

- (1) Soybean, Cotton, Paddy, Jowar (2) Cotton, Soybean, Paddy, Jowar
(3) Cotton, Soybean, Jowar, Paddy (4) Paddy, Cotton, Soybean, Jowar

99. In Maharashtra State Budget 2023, Hon. Finance Minister announced Farmer Centric Schemes. In this context which of the following is/are not correct ?

- a. Mahakrishi Vikas Yojna
b. Provide an incentive amount of Rs. 15,000 per ha. to the paddy farmers
c. Maharashtra "Shree Anna" Abhiyan
d. In PMFBY insurance premium of farmer will be paid by the State Government
e. Income support of Rs. 6,000 per year to farmer families who are not covered/ benefited under Central PM-KISAN Scheme

- (1) a and c only (2) a and d only
(3) a only (4) e only

100. Match the ranking of crops as per value exports from Maharashtra in 2021 – 22.

Crop Name	Ranking (As per value of export)
a. Mango	I. 5 th
b. Grapes	II. 2 nd
c. Orange	III. 3 rd
d. Banana	IV. 4 th
e. Onion	V. 1 st

	a	b	c	d	e
(1)	V	II	III	IV	I
(2)	I	III	IV	V	II
(3)	V	I	IV	III	II
(4)	V	I	III	II	IV

**सूचना - (पृष्ठ 1 वरून पुढे.....)**

- (8) प्रश्नपुस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपुस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा इतर कागदावर कच्चे काम केल्यास ते कॉपी करण्याच्या उद्देशाने केले आहे, असे मानले जाईल व त्यानुसार उमेदवारावर शासनाने जारी केलेल्या “परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचे अधिनियम-82” यातील तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षाच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.
- (9) सदर प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपल्यानंतर उमेदवाराला ही प्रश्नपुस्तिका स्वतःबरोबर परीक्षाकक्षाबाहेर घेऊन जाण्यास परवानगी आहे. मात्र परीक्षा कक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग-1 समवेक्षकाकडे न विसरता परत करणे आवश्यक आहे.

नमुना प्रश्न

Pick out the correct word to fill in the blank :

Q. No. 201. I congratulate you _____ your grand success.

- (1) for (2) at
(3) on (4) about

ह्या प्रश्नाचे योग्य उत्तर “(3) on” असे आहे. त्यामुळे या प्रश्नाचे उत्तर “(3)” होईल. यास्तव खालीलप्रमाणे प्रश्न क्र. 201 समोरील उत्तर-क्रमांक “(3)” हे वर्तुळ पूर्णपणे छायांकित करून दाखविणे आवश्यक आहे.

प्र. क्र. 201.

- ① ② ● ④

अशा पद्धतीने प्रस्तुत प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाचा तुमचा उत्तर-क्रमांक हा तुम्हाला स्वतंत्ररीत्या पुरविलेल्या उत्तरपत्रिकेवरील त्या त्या प्रश्न-क्रमांकासमोरील संबंधित वर्तुळ पूर्णपणे छायांकित करून दाखवावा. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.

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