(1) सदर प्रजनपुस्तिकेत 100 अनिवार्य प्रश्न आहेत. उदाहरणार्या प्रश्नाची उत्तरे लिहिणयास सुरुवात करण्यापुर्या या प्रजनपुस्तिकेत सर्व प्रश्न आहेत किंतु नाहीत याची खांब करून माहिती. अत तसेच अन्य काही दोष आदतपदास म्हणून प्रजनपुस्तिका समवेशकांकऱ्याचे लोऱच वातवून माहिती.

(2) अपणा परीक्षा-क्रमांक झा चौजोणांत न विसता बॉल्टेनने लिखेचा.

(3) झा प्रजनपुस्तिका क्रमांक तुम्च्या उत्तरप्रक्रिया विशिष्टत जागी उत्तरप्रक्रियारीत सूचनाप्रमाणे न विसता नयात करावा.

(4) या प्रजनपुस्तिकेतील प्रश्न 4 पर्यंती उत्तरे सुचविलेले असून त्यामध्ये 1, 2, 3 आणि 4 अर्थात क्रमांक दिलेले आहेत. त्याच उत्तराची सही योग्य उत्तरचा क्रमांक उत्तरप्रक्रिया पुनर्समाप्ती प्रजनपुस्तिका नमुद करावा. अशा प्रकरणात उत्तरप्रक्रिया उत्तरक्रमांक नमुद कराली याची संबंधित क्रमक्रमांकासमोरे छायाचित करून दर्शविले जाईल याची काजळी माहिती. झाकरनापत फलन काळ्या झाईले बॉल्टेचे वापर राहू, पैनल्याची चार झाई घेऊन वापर नये.

(5) सर्व प्रश्नांची सामन रूंच आहेत. यासाठी सर्व प्रश्नांनी उत्तर देऊवी आहेत. झाकरुन तुक्या होणार नाहीत याची दक्षता घेऊन योग्य तिथका वेळी प्रश्न सोडकेले आहेत. क्रमांक प्रश्न सोडविलेल्या शेवटच्या असेल पाहाशा, प्रश्न करण्यास वापर नयात ध्यान दिला जातो. प्रश्न करण्यासाठी पौढीच्या वास्तवाचे वेळा शिल्पक शिल्पकाची कटून भागलेल्या प्रश्नांनी सोडवून ठेवले.

(6) उत्तरप्रक्रिया उदर नमुद केलेले उदर खेळली येणार नाही. नमुद केलेले उदर खोट्या नव्हाऱे उदर दिल्यास ते त्यासाठी जाणार नाही.

(7) प्रस्तुत परीक्षा-निर्देश पूर्वपक्षांच्या मूल्यांकन करताना पदवीप्राप्त पदवीप्राप्तीतील योग्य उत्तरांतर गुण ढिले जातात. तसेच "अद्यावधीत वास्तवीकृत वहुपर्यायी स्वरूपात यानी दिलेल्या या पर्यायांच्या सही योग्य उत्तर उत्तरप्रक्रिया नमुद करावावा. अन्यथा त्याचा उत्तरप्रक्रिया सोडविलेल्या प्रश्नाचा नासंग उत्तरांतर एका प्रश्नाचे गुण वजा करण्यात येईल".

ताकतीद

झा प्रजनपुस्तिकेसाठी आयोगाने विहिल केलेली वेळ संपर्यंत ही प्रजनपुस्तिका आयोगाची पालनास अनुसार ती परीक्षाक्रमात उद्देश्यासारखे पूर्वपक्षांची भारावणास देखावा वेळ आहे. ही वेळ संपर्यंत सदर प्रजनपुस्तिकेची खात्री/प्रती, त्याच्या सदर प्रजनपुस्तिकेच्या काळातील काही आश्चर्य कॉन्फरेंसीय स्वरूपात प्रश्ने अथवा अप्रतिक्रियापणे कार्याची व्यक्तीय पुण्यणे, तसेच प्रभावी कार्याचे हा पुढील अपने आपली कृती कार्याची अनुमोडनाचे बोध करीते. किंवा सदर प्रजनपुस्तिकेच्या प्रश्नांना त्याच्या आश्चर्य कॉन्फरेंसीय स्वरूपात प्रश्ने अथवा अप्रतिक्रियापणे कार्याची व्यक्तीय पुण्यणे, तसेच प्रभावी कार्याचे हा पुढील अपने आपली कृती कार्याची अनुमोडनाचे बोध करीते. किंवा सदर प्रजनपुस्तिकेच्या प्रश्नांना त्याच्या आश्चर्य कॉन्फरेंसीय स्वरूपात प्रश्ने अथवा अप्रतिक्रियापणे कार्याची व्यक्तीय पुण्यणे, तसेच प्रभावी कार्याचे हा पुढील अपने आपली कृती कार्याची अनुमोडनाचे बोध करीते.

पुढील सूचना प्रजनपुस्तिकेच्या अंतिम पृष्ठाच्या पाठ
कच्च्या कामासाठी जाणा /SPACE FOR ROUGH WORK
1. The cultures Azotobacter and Azospirillum are used for _______ crops for the nutrition of nitrogen.
   (a) Leguminous
   (b) Non-leguminous
   (c) Both leguminous and non-leguminous
   (d) None of the above

   **Answer options:**
   (1) (a) only
   (2) (b) only
   (3) both (a) and (b)
   (4) none of the above

2. Loam soils are those which ________.
   (a) Contain equal proportion of sand, silt and clay.
   (b) Exhibit the properties of sand, silt and clay in equal proportions.
   (c) Exhibit dominant physical properties of sand, silt and clay.
   (d) Have more proportion of silt and clay compared to that of sand.

   **Answer options:**
   (1) (a) and (c) only
   (2) (b) only
   (3) (d) only
   (4) None of the above

3. The most abundant metallic element occurring in the earth’s crust is ________.
   (1) Si
   (2) O
   (3) Al
   (4) Fe

4. Which is the process of removal of excess salts from the soils?
   (1) Solodization
   (2) Desalinization
   (3) Podzolization
   (4) Pedoturbation

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क्षेत्रकामासाठी जगा /SPACE FOR ROUGH WORK

P.T.O.
5. Which of the following chemical amendments are suitable for reclamation of saline and alkaline soils?
   (a) Gypsum  (b) Sulphur  (c) Iron sulphate  (d) Pyrites
   
   **Answer options:**
   (1) (a) and (b) only  (2) (b) and (c) only
   (3) (d) only  (4) (a), (b), (c) and (d)

6. Which of the following are the agronomic measures of soil and water conservation?
   (a) Contour cultivation
   (b) Organic manures and fertilizers
   (c) Contour trenching
   (d) Grasses
   
   **Answer options:**
   (1) (a) and (b) only  (2) (c) and (d) only
   (3) (a), (b) and (d) only  (4) (a), (b), (c) and (d)

7. What concept is adopted in watershed planning and implementation?
   (1) Valley to ridge  (2) Ridge to valley
   (3) Lower to higher  (4) None of the above

8. Which one of the following two statements is correct?

   Soil applications of:
   (a) BHC (10%) dust 25-30 kg/ha for white grub and
   (b) Thimet 20 G @ 15 kg/ha for termites

   should be done and these chemicals should be mixed well in the soil at the time of final field preparation.

   **Answer options:**
   (1) Only (a) is correct  (2) Only (b) is correct
   (3) Both (a) and (b) are correct  (4) Neither (a) nor (b) is correct
9. The All India Coordinated Research Project for Dry land Agriculture which is now Central Research Institute for Dry land Agriculture (CRIDA) is situated at _________.
   (1) Dehradun  (2) Chandigarh  (3) Delhi  (4) Hyderabad

10. What is the permissible soil loss in agricultural land?
   (1) 3 tons/ha  (2) 7 tons/ha  (3) 5 tons/ha  (4) 4 tons/ha

11. A group of organisms of the same species that live, grow and reproduce in the same environment are called as:
   (1) Population  (2) Community  (3) Ecotype  (4) Society

12. The percentage of energy transformed from one level to the next level of trophic structure is known as:
   (1) Energy pyramid  (2) Energy flow
   (3) Energy efficiency  (4) Trophic level

13. A large ecological area characterised by similar vegetation and climate is called as:
   (1) Biosphere  (2) Ecosphere  (3) Biomass  (4) Biome

14. Transfer of food energy from the producers through a series of organisms (herbivores to carnivores to decomposers) with repeated eating and being eaten is:
   (1) Food web  (2) Food chain
   (3) Ecological Energetics  (4) Detritus Food chain

15. Which is a major storage place for atmospheric carbon dioxide which is also referred to as a sink?
   (1) Atmosphere  (2) Ocean  (3) Living organisms  (4) Land

कच्च्या कामासाठी जापा /SPACE FOR ROUGH WORK

P.T.O.
16. Which of the following is the non-essential but useful element for plant (crop) and animal?

(a) Chlorine (b) Strontium (c) Vanadium (d) Bromine

Answer options:

(1) (a) and (b) only (2) (a), (b) and (c) only
(3) (b), (c) and (d) only (4) None of the above

17. Average N, P₂O₅ and K₂O nutrient content in Farm Yard Manure are ________, ________, and ________ respectively.

(1) 2.5–3.5 per cent, 0.6–1.8 per cent and 0.3–0.9 per cent
(2) 0.3–0.9 per cent, 2.0–2.5 per cent and 2.5–3.0 per cent
(3) 4.0–5.5 per cent, 3.0–3.5 per cent and 1.5–2.0 per cent
(4) 0.5–1.5 per cent, 0.4–0.8 per cent and 0.5–1.9 per cent

18. Which organisms use organic compounds as their source of carbon?

(1) Autotrophs (2) Facultative (3) Autochthonous (4) Heterotrophs

19. Raw bone meal contains about ________ per cent P₂O₅ and ________ per cent Nitrogen.

(1) 32% P₂O₅ and 6% Nitrogen (2) 35% P₂O₅ and 2% Nitrogen
(3) 30% P₂O₅ and 2% Nitrogen (4) 25% P₂O₅ and 4% Nitrogen

20. The highest nitrogen containing fertilizer is ________.

(1) Urea (2) Ammonium sulphate
(3) Anhydrous ammonia (4) Ammonium nitrate

कच्चा कामासाठी जगा /SPACE FOR ROUGH WORK
21. *Staphylococci* and *Pneumococci* may cause ________.

(1) Syphilis
(2) Relapsing fever
(3) Conjunctivitis
(4) Tsutsgamashi disease

22. Zoonotic diseases spread from ________ to ________.

(1) animals to plants
(2) animals to humans
(3) plants to animals
(4) plants to humans

23. Teak wood is attacked by ________.

(1) Smut
(2) *Pythium*
(3) *Claviceps*
(4) *Ucinnula tectonea*

24. Vermins are pests or nuisance animals. Which schedule of the Wildlife (Protection) Act, 1972 lists vermins?

(1) Schedule III
(2) Schedule IV
(3) Schedule V
(4) Schedule VI

25. This is a universal parasite of cattle, several species of this pest infest domestic animals in India and Pakistan. It clings to the hairs with its claw-like legs and thrust its mouthparts into the skin for sucking blood. Name the parasite:

(1) Blow flies
(2) Cattle louse
(3) Cattle tick
(4) Stable flies

26. Pyrethrum bombs were used during the ________ war.

(1) America - Vietnam war
(2) I World War
(3) II World War
(4) America - Iraq war

कच्च्या कामासाठी जगा /SPACE FOR ROUGH WORK

P.T.O.
27. Which of the following statements regarding DDT are correct?
   (a) It is classified as organochlorine insecticide.
   (b) It is persistent inorganic pollutant.
   (c) Once it enters the blood chain, its level keeps increasing.
   (d) It is persistent organic pollutant.

Answer options:
(1) (a) only   (2) (b) and (c) only
(3) (a) and (c) only   (4) (a), (c) and (d) only

28. Match the following:
   (a) Physical poison   (i) Methyl bromide
   (b) Nerve poison      (ii) Lead arsenate
   (c) Protoplastic poison (iii) Malathion
   (d) Respiratory poison (iv) Silica

   (a) (b) (c) (d)
(1) (i) (ii) (iii) (iv)
(2) (ii) (i) (iii) (iv)
(3) (iii) (iv) (i) (ii)
(4) (iv) (iii) (ii) (i)

29. Continuous increase in concentration of harmful pesticide residue in successive tropic levels is called _________.
(1) Bioveriation   (2) Biosensitisation
(3) Biological aggregation   (4) Biological magnification

30. Which of the following is not a Synthetic Insecticide?
(1) DDT   (2) BHC   (3) Pyrethrin   (4) Aldrin

कच्च्या कामपाची जागा/SPACE FOR ROUGH WORK
31. Occurrence of *Equisetum plebejum* indicates presence of ________ rich soil.
   (1) Silver       (2) Gold       (3) Copper       (4) Iron

32. Trade in electronic waste management is controlled by:
   (1) Rio De Janeiro Convention    (2) Basel Convention
   (3) Agenda 21                    (4) Bali Summit

33. With which one of the following pollutions is Blood Brain Barrier (BBB) a disorder in neurological system of human body related?
   (1) High concentration of CO₂ in air    (2) Radiation from mobile towers
   (3) Direct radiation of UV light        (4) Passive cigarette smoking

34. The species that have not been seen continuously for more than ________ years in the wild state, are known as extinct species. e.g. Dodo.
   (1) 50           (2) 100          (3) 200          (4) 500

35. Match the following:

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<td>(Year)</td>
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<td>(a) Lion Project</td>
<td>(i) 1973</td>
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<tr>
<td>(b) Tiger Project</td>
<td>(ii) 1987</td>
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<td>(c) Crocodile Project</td>
<td>(iii) 1972</td>
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<td>(d) Rhino conservation project</td>
<td>(iv) 1974</td>
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36. Match the following:

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<tr>
<td>(Pollutants)</td>
<td>(Effect)</td>
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<tr>
<td>(a) Mercury</td>
<td>(i) Damage central nervous system</td>
</tr>
<tr>
<td>(b) Lead</td>
<td>(ii) Damage immune system</td>
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<tr>
<td>(c) Cadmium</td>
<td>(iii) Chronic damage to the brain</td>
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<td>(d) PVC</td>
<td>(iv) Accumulate in kidney and liver</td>
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<td>(iii)</td>
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<td>(iv)</td>
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</tbody>
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37. Government of India recently lifted ban on mining in Non-ecologically Sensitive Areas of the Talukas of which of the following districts in Maharashtra?

(1) Kolhapur  (2) Sangli  (3) Sindhudurg  (4) Satara

38. The common feature related to Jamwa Ramgarh Sanctuary, Keladevi Sanctuary and Narayan Sarovar Sanctuary is:

(1) All three wildlife sanctuaries have high rate of man animal conflicts.
(2) All sanctuaries have animal disease.
(3) Degradation of forest area due to limestone mining.
(4) Killing of wildlife after falling in mine pits.

39. Due to inhalation of coal dust, coal workers may be victims of this disease:

(1) Asbestosis  (2) Silicosis
(3) Gray lung disease  (4) Pneumoconiosis
40. The illegal and unscientific mining of iron ore in India in the first decade of 21st century was boosted by the construction boom in which of the following countries?

(1) United States of America  (2) Brazil
(3) Australia  (4) China

41. Which one of the following two statements is incorrect?

(a) Brow Antlered deer is the most endangered deer in South Asia.
(b) It is found only in Jammu and Kashmir.

**Answer options:**

(1) Statement (a) is incorrect  (2) Statement (b) is incorrect
(3) Both (a) and (b) are incorrect  (4) Neither (a) nor (b) is incorrect

42. Elephants have highly developed sense of ________.

(a) smell  (b) hearing  (c) sight  (d) all of the above

**Answer options:**

(1) (a) only  (2) (a) and (b) only
(3) (a), (b) and (c)  (4) None of the above options is correct

43. Exclusively Indian wild animal having striking colour, beautiful long spiralled horns is:

(a) Cheetal or Spotted Deer  (b) Sambhar
(c) Barasingha or Swamp Deer  (d) Black Buck

**Answer options:**

(1) (a) only  (2) (b) and (c)
(3) (c) only  (4) (d) only
44. The Giant Panda is the official symbol of:

(1) WPSI  (2) WWF  (3) CBSG  (4) IUCN

45. Indian four horned antelopes have special features:

(a) Is the only antelope that is blessed with a pair of horns.
(b) The male only bear horns.
(c) The coat colour is fawn and shade of black on the lower part.
(d) The anterior pair of horns is shorter than the posterior one.

Answer options:

(1) (a), (b), (c) and (d) are correct  (2) (a), (b) and (d) are correct
(3) (a), (b), (c) are correct  (4) (b), (c), (d) are correct

46. In India about 75% of the total matchwood industries are located in the state of ________.

(1) Karnataka  (2) Madhya Pradesh
(3) Andhra Pradesh  (4) Tamil Nadu

47. Which one of the following two statements is correct?

(a) Well known fibre of commerce known as Kittul is obtained from the leaves of Caryota Urens, the sago palm.

(b) Likewise Agave sps particularly Agave americana yields an excellent fibre. Agave sps however require lot of water and are not at all drought resistant.

Answer options:

(1) Only (a) is correct  (2) Only (b) is correct
(3) Both are correct  (4) Neither is correct

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK
48. The rich source of Turpentine is _________.
   (1) Fern (2) Sunflower (3) Pines (4) Moss plant

49. Which one of the following two statements is correct?
   (a) Gum Karaya is obtained from the bark of a tree called sterculia urens.
   (b) India almost has a monopoly in the production of the Gum, the most of which is exported.
   Answer options:
   (1) Only (a) is correct (2) Only (b) is correct
   (3) Both are correct (4) Neither is correct

50. The insect that cannot live without the fig and the fig trees cannot produce seed without the insect:
   (1) Honey bee (2) Wasp (3) Silkworm (4) Lac insect

51. In the winter season plant roots need ________ soil.
   (1) Dry (2) Moist (3) Both (1) and (2) (4) None of these

52. Plant produce maximum growth when exposed to a day temperature about ________ higher than the night temperature.
   (1) 5.5 to 8°C (2) 4.5 to 7°C (3) 6.5 to 9°C (4) 4 to 9°C

53. The ability of many plants to flower is controlled by ________.
   (1) Photo period (2) Temperature (3) Water (4) Nutrition
54. Which one of the following two statements is correct?
   (a) Plants lose water in transpiration to an extent of 69%.
   (b) Transpiration is measured by Lysimeter.

   **Answer options:**
   (1) Only (a) is correct  (2) Only (b) is correct
   (3) Both (a) and (b) are correct  (4) Neither (a) nor (b) is correct

55. Which one of the following two statements is correct?
   (a) Denitrification occurs in water logged soils.
   (b) The process by which $\text{N}_2$ is reduced to ammonium ($\text{NH}_4^+$) is denitrification.

   **Answer options:**
   (1) Only (a) is correct  (2) Only (b) is correct
   (3) Both (a) and (b) are correct  (4) Neither (a) nor (b) is correct

56. Mangrove Forest is the largest in the world both in size and biodiversity.

   (1) Gulf of Azaba  (2) Florida, United States
   (3) Costa Rica  (4) Sundarban, India

57. Mixed dense forest of tropical evergreen and temperate evergreen rain forest species are generally called:

   (1) Alpine  (2) Coniferous  (3) Deciduous  (4) Sholas

58. *Rhizophora, Avicennia, Bruguiere* and *Ceriops* species are typically found in:

   (1) Moist Teak forest  (2) Sal forest
   (3) Mangrove forest  (4) Ravine thorn forest

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59. The composition of tropical thorn/scrub forest is deciduous with low thorny trees and xerophytes predominant, top canopy more or less broken and is less than:

(1) 25 m high    (2) 20 m high    (3) 10 m high    (4) 5 m high

60. The species or taxa likely to move into the endangered category in the near future if the causal factors continue operating:

(1) Vulnerable species    (2) Rare species
(3) Threatened species    (4) None of the above

61. Lucerne, berseem, cowpea are the leguminous fodders rich in:

(a) Carbohydrates and minerals
(b) Proteins and minerals
(c) Fats and minerals

Answer options:
(1) (a) and (b) are correct    (2) only (b) is correct
(3) (a) and (c) are correct    (4) (b) and (c) are correct

62. Maharashtra is covered with ______ type of Grassland.

(1) Sekima - dichanthium type
(2) Themada - arundinella cover
(3) Temperate - alpine cover
(4) Dichanthium - cenchrus lasiurus cover

63. Balankya strain of Deoni cattle has a complete white colour:

(a) Without any spot on body
(b) Partial black face
(c) Black spots on total body

Answer options:
(1) (a) only    (2) (a) and (b)    (3) (b) and (c)    (4) (a), (b) and (c)

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P.T.O.
64. Pastures closed to grazing in temperate regions and cut for hay or silage are called as:
(a) Meadows  (b) Silvi - pasture
(c) Savanna  (d) None of the above

Answer options:
(1) (a) only  (2) (a) and (b) only
(3) (a), (b) and (c)  (4) (a) and (c) only

65. Suitable management practices used to increase the milk production of cows grazing on pasture in combination are:
(a) rotational grazing
(b) grazing of fenced strips of pasture for short period
(c) selective grazing by high yielding cows before low yielding ones
(d) continuous grazing

Answer options:
(1) (a), (b) and (c) only  (2) (d) only
(3) (c) only  (4) (b) and (c) only

66. Which one of the following two statements is correct?
(a) A herbicide should not be sprayed when the wind velocity is high.
(b) A herbicide should not be sprayed when it is hot and sunny.

Answer options:
(1) Only (a) is correct  (2) Only (b) is correct
(3) Both (a) and (b) are correct  (4) Neither (a) nor (b) is correct
67. Which one of the following two statements is correct?

(a) Jim Corbett National Park is one of the World Heritage Sites.

(b) Jim Corbett National Park is the first National Park established in India and was earlier called as Hailey National Park.

**Answer options:**

(1) Only (a) is correct  
(2) Only (b) is correct  
(3) Both are correct  
(4) Neither (a) nor (b) is correct

68. Parthenium is an aggressive invasive alien weed, native to ________.

(1) Asia  
(2) Africa  
(3) Australia  
(4) America

69. Regeneration of ‘shola’ forest is affected due to the invasive ________.

(1) *Acacia auriculiformis*  
(2) *Acacia mearnsii*  
(3) *Mikania micrantha*  
(4) *Ulex europaeus*

70. On the basis of ontogeny weeds are classified as ________.

(a) Grasses, sedges and broad leaf weeds  
(b) Obligate weeds and facultative weeds  
(c) Relative weeds and volunteer weeds  
(d) Annuals, Biennials and perennial weeds

**Answer options:**

(1) (b) only  
(2) (a) and (c) only  
(3) (d) only  
(4) none of the above
71. Which one of the following two statements is incorrect?
(a) The genetic uniformity is a major cause for disease epidemics.
(b) Mutation cannot be artificially induced.

Answer options:
(1) Only (a) is incorrect
(2) Only (b) is incorrect
(3) Both (a) and (b) are incorrect
(4) Neither (a) nor (b) is incorrect

72. Which one of the following two statements is correct?
(a) In vitro describe biological processes that are made to occur outside the living body.
(b) In vivo describe biological processes as they are observed to occur in glass.

Answer options:
(1) Only (a) is correct
(2) Only (b) is correct
(3) Both (a) and (b) are correct
(4) Neither (a) nor (b) is correct

73. Which one of the following two statements is correct?
(a) Back cross is a mating between individuals of the parental generation and the first generation of offspring.
(b) Back cross is a mating between individuals of the parental generation and the second generation of offspring.

Answer options:
(1) Only (a) is correct
(2) Only (b) is correct
(3) Both are correct
(4) Neither is correct

74. Which one of the following two statements is correct?
(a) Culture medium in tissue culture contains a mixture of nutrients only in the liquid form.
(b) Tissue culture has helped in gaining information on factors controlling growth and has helped in regeneration of complete plants.

Answer options:
(1) Only (a) is correct
(2) Only (b) is correct
(3) Both are correct
(4) Neither is correct

कृपया कामायती जागा /SPACE FOR ROUGH WORK
75. Which one of the following two statements is correct?
(a) In cryotherapy plants are exposed to low temperatures.
(b) The temperature range is usually between 0 – 3°C.

Answer options:
(1) Only (a) is correct  (2) Only (b) is correct
(3) Both (a) and (b) are correct  (4) Neither (a) nor (b) is correct

76. The reasons behind sea-level rise include:
(a) thermal expansion of seas
(b) melting of glaciers, ice caps, ice sheets
(c) increased rainfall

Answer options:
(1) (a), (b) and (c)  (2) (b) and (c)  (3) (a) and (b)  (4) only (c)

77. Reduction of Green-house Gas (GHG) emission level for industrial nations agreed in the Kyoto Protocol is ________.

(1) 2%  (2) 5%  (3) 10%  (4) 15%

78. The India State of Forests Report (ISFR), 2013 has recorded ________ in the forest cover of India as compared to ISFR report 2011.

(1) increase  (2) decrease  (3) gaps  (4) no change

79. Established in 1988 for the purpose of controlling Green-house gases in the atmosphere and to provide the world with a clear scientific view on the current state of climate change:

(1) The Intergovernment Panel on Climate Change
(2) United Nations Framework Conservation on Climate Change
(3) Kyoto Protocol
(4) Green Mission

कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

P.T.O.
80. Which one of the following two statements is **incorrect**?

(a) Save the Silent Valley campaign was launched by the state's Shastra Sahitya Parishad.

(b) Save the Taj campaign has been launched by Chandi Prasad Bhat.

**Answer Options:**

(1) Only (a) is incorrect

(2) Only (b) is incorrect

(3) Both (a) and (b) are incorrect

(4) Neither (a) nor (b) is incorrect

81. In which two types are the maps divided into based on content and purpose in aerial photography?

(1) Topographical map and Thematic map

(2) Topographical map and Geological map

(3) Thematic map and Natural map

(4) Geographical map and Natural map

82. Which one of the following two statements is **correct**?

(a) The first indigenously built satellite INSAT-2A was launched in 1997.

(b) INSAT 2D, the last satellite in the multipurpose (INSAT 2D series) was launched from Kourou, French Guyana.

**Answer options:**

(1) Only (a) is correct

(2) Only (b) is correct

(3) Both (a) and (b) are correct

(4) Neither (a) nor (b) is correct

83. What are the common applications of remote sensing images and aerial photographs?

(1) Mitigation of the natural hazards

(2) Tracking of environmental disasters

(3) Forecast changes in environment

(4) Land use and land cover mapping

कठण्या कामासाठी जगा /SPACE FOR ROUGH WORK
84. Which one of the following three statements is incorrect?

(1) Remote sensing methods depend upon only the emission and not reflection of electromagnetic radiation
(2) Human eye is a remote sensor
(3) Bats use Radar principle for searching their way
(4) None of the above

85. Which is the visible portion of spectrum expressed in nanometers in aerial photographs?

(1) 420 nm - 650 nm
(2) less than 400 nm
(3) more than 750 nm
(4) 400 nm to 750 nm

86. Protection of endangered species by preserving the entire ecosystem is known as:

(1) In-situ conservation
(2) Ex-situ conservation
(3) Biodiversity conservation
(4) None of the above

87. Which one of the 27 Tiger Reserves of India has been declared as a World Heritage Site by the UNESCO?

(1) Corbett in Uttarakhand
(2) Melghat in Maharashtra
(3) Manas in Assam
(4) Sundarban in West Bengal

88. Which one of the following two statements is correct?

(a) Ex-situ approach means conservation of species not in the lab but in their natural habitat.
(b) Ex-situ conservation is important particularly for endangered species.

Answer options:

(1) Only (a) is correct
(2) Only (b) is correct
(3) Both (a) and (b) are correct
(4) Neither (a) nor (b) is correct

कक्ष्या कामासाठी जाणा /SPACE FOR ROUGH WORK

P.T.O.
89. Fragile area rich in biodiversity with high degree of Endemism and higher incidence of rare and threatened species is known as :
   (1) Biosphere reserve  (2) Hotspots
   (3) Ecosystem        (4) Species richness

90. Who has filed a Public Interest Litigation (PIL) in the Supreme Court of India, to save Taj Mahal from “Marble cancer,” phenomena due to air pollution ?
   (1) Sunderlal Bahuguna  (2) Sunita Narayan
   (3) M.C. Mehta          (4) Anil Agrawal

91. The concept of carbon credit came into existence as a result of awareness of the need for controlling emissions. Name the mechanism formalised on International Agreement between 170 countries :
   (1) GATT       (2) Rio Summit   (3) Kyoto Protocol  (4) WTO

92. In 1950, who started a festival of planting trees known as Van mahotsav ?
   (1) Dr. Panjabrao Deshmukh  (2) Indira Gandhi
   (3) Mohan Dharia            (4) K.M. Munshi

93. The scope of joint forest management has been largely confined to :
   (1) Severely eroded mountain slopes
   (2) Railway line strips
   (3) Canal banks
   (4) Degraded forest areas

94. The major tribal community that resides in Lakshadweep is :
   (1) Aminidivi    (2) Birhor   (3) Totos    (4) Buxas

95. Which one of the following two statements is correct ?
   (a) There are 553 tribal communities living in India as per the notified schedule.
   (b) The schedule is notified under Article 342 of the Constitution of India.

Answer options :
   (1) Only (a) is correct  (2) Only (b) is correct
   (3) Both (a) and (b) are correct (4) Neither (a) nor (b) is correct

कःच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK
96. Which one of the following sequences of states from the highest to the lowest tribal population is correct?

(1) Madhya Pradesh, Maharashtra, Orissa, Gujarat
(2) Maharashtra, Madhya Pradesh, Gujarat, Orissa
(3) Madhya Pradesh, Orissa, Gujarat, Maharashtra
(4) Orissa, Madhya Pradesh, Maharashtra, Gujarat

97. Which one of the following two statements is correct?

(a) As a result of the promulgation of the Forest (Conservation) Act, 1980 the non-forest use of the forest land has been restricted.

(b) Even for felling a tree permission of the designated officer of the Central Government is a must.

**Answer options:**

(1) Only (a) is correct  
(2) Only (b) is correct  
(3) Both (a) and (b) are correct  
(4) Neither (a) nor (b) is correct

98. The species which are in danger of extinction are called as:

(a) Vulnerable  
(b) Threatened  
(c) Endangered  
(d) Rare

**Answer options:**

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

99. Which one of the following two statements is correct?

(a) The first World Climate Conference was held at Nairobi, Kenya.

(b) The fourteenth World Forestry Congress scheduled in September, 2015 will be held at Geneva, Switzerland.

**Answer options:**

(1) Only (a) is correct  
(2) Only (b) is correct  
(3) Both  
(4) Neither

100. The United Nations Environmental Programme (UNEP) was launched in order to encourage United Nations agencies to integrate environmental measures into their programs in the year:

(1) 1990  
(2) 1985  
(3) 1975  
(4) 1972

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कच्च्हा कामार्थी जागा /SPACE FOR ROUGH WORK

P.T.O.
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Q. No. 201. I congratulate you ______ your grand success.

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

हँ प्रभाव योग उन "(3) on" असे आहे. त्यांच्या वा प्रभावच्या उन "(3)" होईल. यामध्ये खालीलप्रमाणे प्रश्न क्र. 201 समप्रेक्षा उत्तर-क्रमांक "(3)" हे जदूत पूर्णपणे छायांकित करून दाखविले आवश्यक आहे.

201. ① ② ➡ ④

अशा पद्धतीने प्रश्न प्रश्नप्रश्नक्रियारूपे प्रश्नात तुम्हांचा उत्तरक्रमांक हा तुम्हाला स्वतंत्रता पुरविलेल्या उत्तरप्रश्नप्रश्नक्रियाचा दोन संबंधित वर्तून पूर्णपणे छायांकित करून दाखवावे. ह्याचारिता फसल वातावरण शाईचे बिंदूपणे वापरते, उदाहरण की शाईचे पैन वापरावे.