



BIOLOGY

BOOKS - SARAS PUBLICATION

Do you Know Questions



 "An introduction to the embryology of Angiosperm" was published by-

A. Maheswari

- B. K.V. Krishnamurthy
- C. E.Strasburger
- D. D.A. Johnsen

Answer:

Watch Video Solution

2. Which of the following is called "Terror of

Bengal"?

- A. Bryophyllum
- B. Eichhornia
- C. Pisita
- D. Allium

Answer:

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3. The study of pollen grains is

A. Pollenalogy

B. Palynology

C. Phytology

D. Pollenialogy.

Answer:

Watch Video Solution

4. Which of the following is ans example of

obligate mutualism?

A. Yucca and moth

- B. Vallisneria and moth
- C. Primula and butterfly
- D. Lythrum and butterfly

Answer:

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5. Which of the following plant has female wasp like flower?

A. Ophyrus

B. Amorphophallus

C. Salvia

D. Bougaivilla

Answer:

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6. which of the following secretes amylase during germination?

A. Sphaerosome

B. Ovule

C. Chromosome

D. Ribosome

Answer:

Watch Video Solution

7. Aleurone layers are found around the endosperm of

A. Fruits

B. Vegetables

C. Cereals

D. Wood

Answer:

Watch Video Solution

8. Which of the following is cellular endosperm

portion of coconut fruit?

A. Tender coconut

B. Kernel part

C. Coconut water

D. Coconut milk

Answer:

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9. Fresh weight of an orchid seed is

A. 20.33 microgram

B. 21.33 microgram

C. 22.33 microgram

D. 23.33 microgram

Answer:



10. The weight of Lodoicea maldivica seed is

A. 60 kg

B. 6 kg

C. 600 kg

D. 0.6 kg

Answer:

Watch Video Solution

11. Which chemical induces polyploidy in plants?

A. Colchicie

B. Mustard gas

C. Methyle methan suphate

D. Erythrosine

Answer:

Watch Video Solution

12. Indentify the forest that occurs where there is heavy rainfall.

A. Sclerophyllous forest

B. Coniferous forest

C. Evergreen forest

D. Deciduous forest

Answer:

Watch Video Solution

13. Sclerophyllous forests are found where.

A. Heavy rainfall occurs during winter an

mild rainfall during summer

B. Heavy rainfall occurs during rainly

season and low rainfall during summer.

C. Low rainfall occurs during simmer and

low rainfall during winter.

D. Heavy rainfall occurs during summer and

low rainfall during winter.

Answer:

> Watch Video Solution

14. Identify the element reponsible for acid

rain.

A. Cobalt

- B. Chlorine
- C. Phosphorus
- D. Sulphur

Answer:



15. Carbon stored in the atmosphere and ocean is called

A. Blue carbon

B. Grey carbon

C. Brown carbon

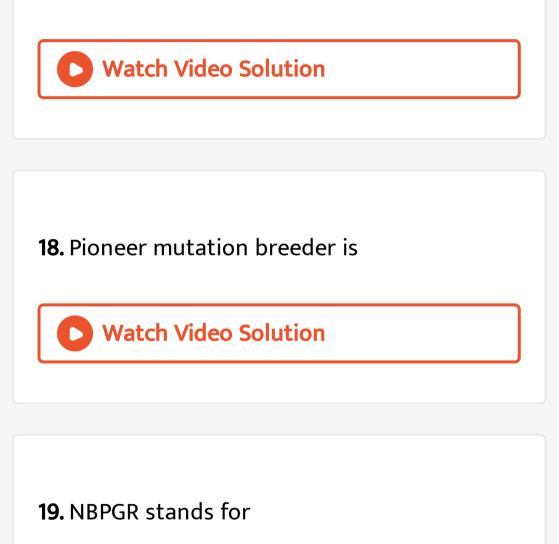
D. Black carbon.

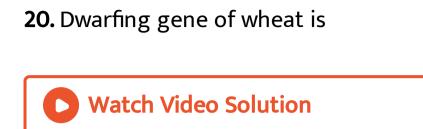
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16. Green house effect is not produced by

17. The unit for measuring ozone thickness



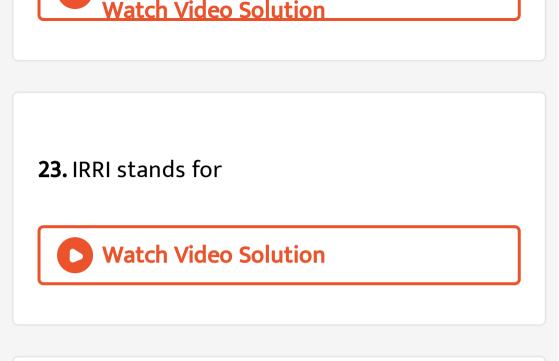


21. The term mutation was coined by_____

O Watch Video Solution

22._____ is the Father Green revolution.



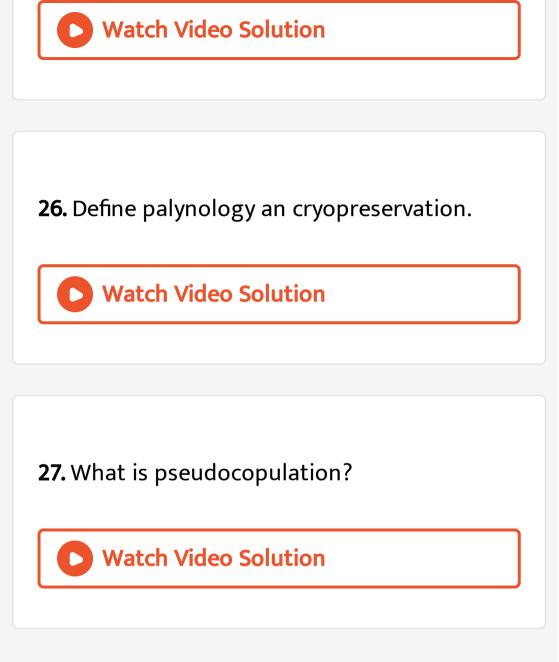


24. Who was awarded a Nobel prize for peace

in 1970?

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25. Cotton hybrid was developed by



28. Does environment play a mojor role in the

detetmine of sex in plants? Explain.

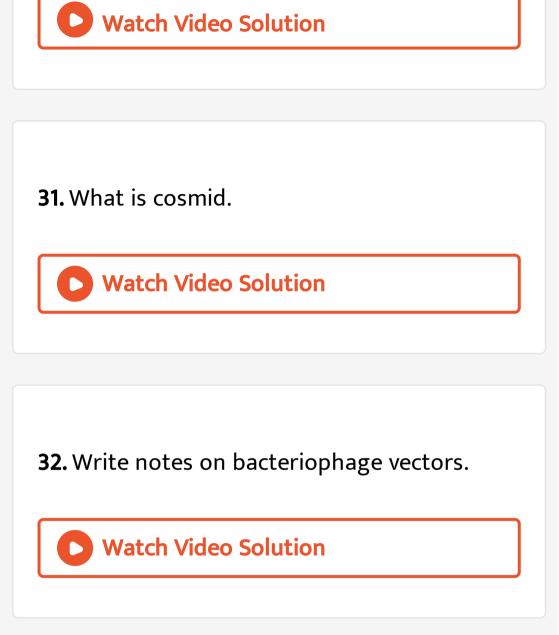


29. What is colchicine? Will it affect the source

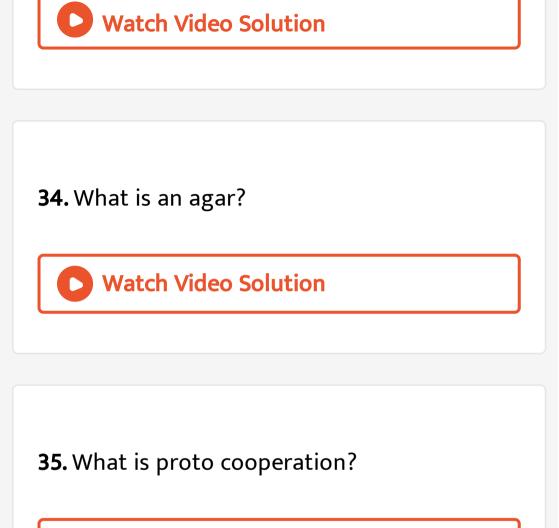
plant?



30. Name some vectors used in biotechnology.

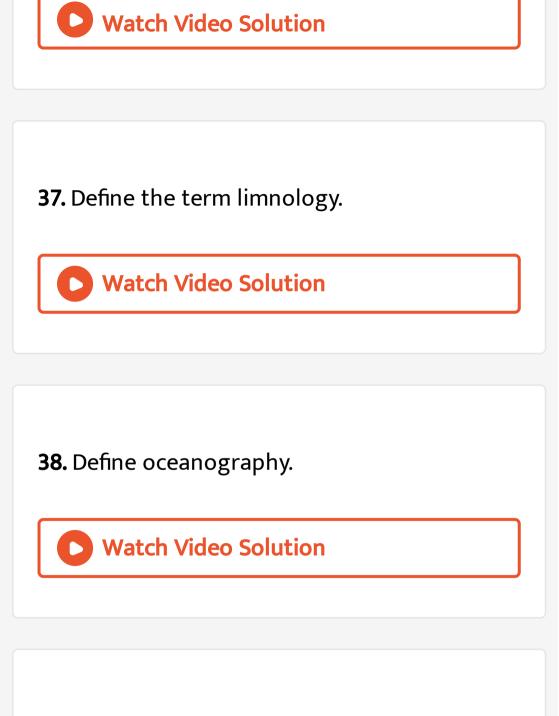


33. What is borcode in genetics?





36. What are blue carbon ecosystem?



39. Define ecosystem resilience.



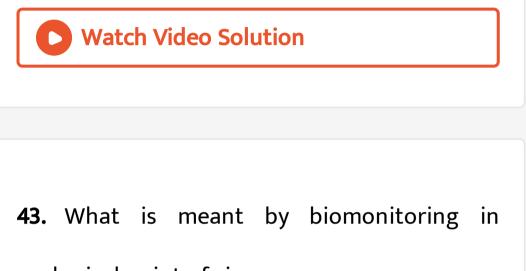
40. What are the different ways ot 'Go green

and save green'?

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41. What does 'Go green' refer to ?

42. Define Dobson unit.



ecological point of view.

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44. What is Chipko movement?

45. Where and by whom was Appiko

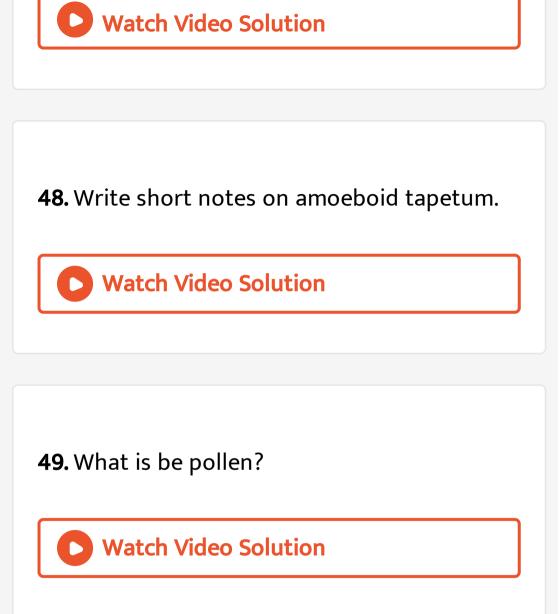
movement started?

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46. Write a note on NBPGR.



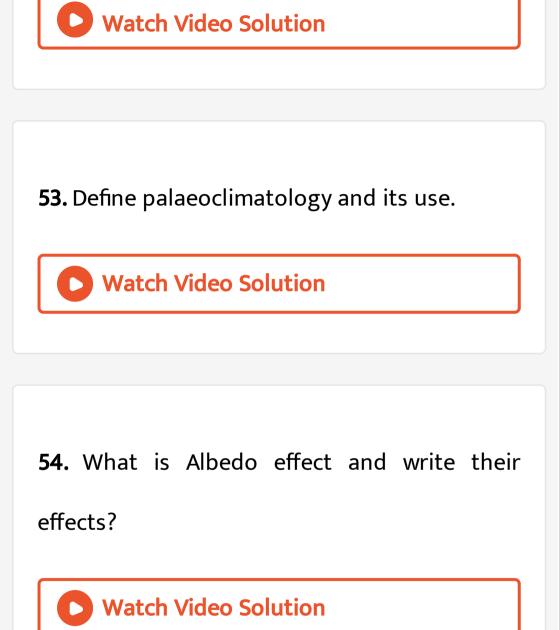
47. What is pseudo cereal? Give an example.



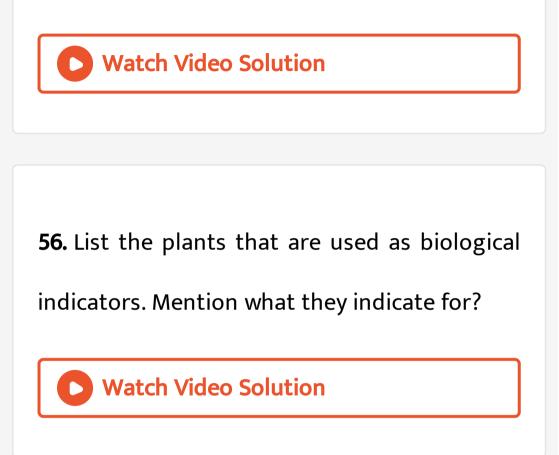
50. Define pollen calender. What are the allergic reactions caused by pollen grains? Watch Video Solution **51.** Explain the role of fossil genes in understanding evolution.

Watch Video Solution

52. Define applied ecology. List its uses.

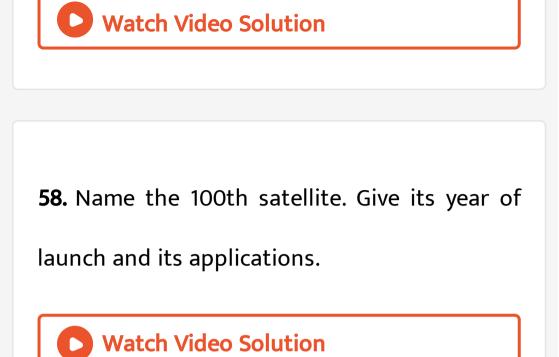


55. Write the types of Carbon.



57. Give the year of launch and applications of

SCATSAT-I satellite.



59. Give the applications of INSAT 3DR and

GSAT-6A satellites.

60. List out the important Indian plant

breeders and their role in plant breeding.

61. Write a note on NBPGR.

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Watch Video Solution

62. Write notes on Norin 10.

63. Who was a disciple of Dr. Nammalvar? Write his contibution on agriculture.

Watch Video Solution

64. Write a note on vulcanization of rubber.

65. Name the floral perfume, that ranks next to

the rose oil.

Watch Video Solution

66. What is cryptorchism? What is the solution

for this?



67. What is PCOS? Give the treatment options.



68. Give the types of twins formed during pregnancy with their alternative names.

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69. What is azospermia?

70. What is Mayer-Rokitansky syndrome?



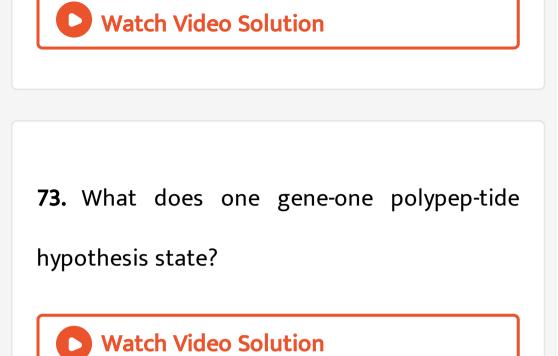
71. What are the methods to diagnose breast

cancer.

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72. What does the hypothesis proposed by

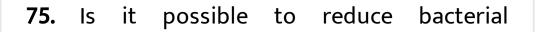
Beadle and Tatum state?



74. Define pharmacogenomics and give its

importance.





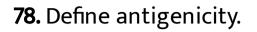
resistance?



76. Write a note on GALT?

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77. Write a note on BALT?





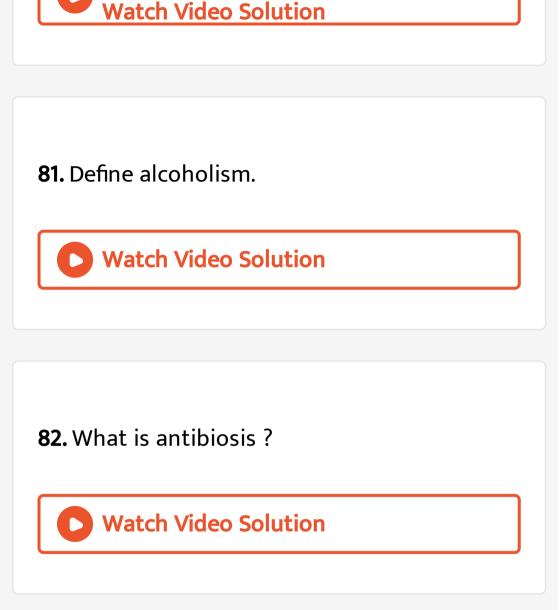
79. Write down the scope of Immunol-ogy.



80. Compare Broad spectrum antibiotics with

narrow spectrum antibiotics.





83. Why penicillin is refered to as the queen of

druges?

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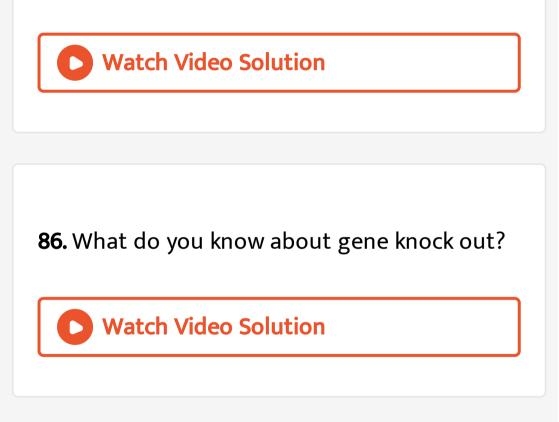
84. Write about somatic cell nuclear transfer

in animal cloning.



85. Name the hereditary disease for which the

first clinical gene therapy was used.



87. State Bergmann's rule.

88. State Allen's rule.

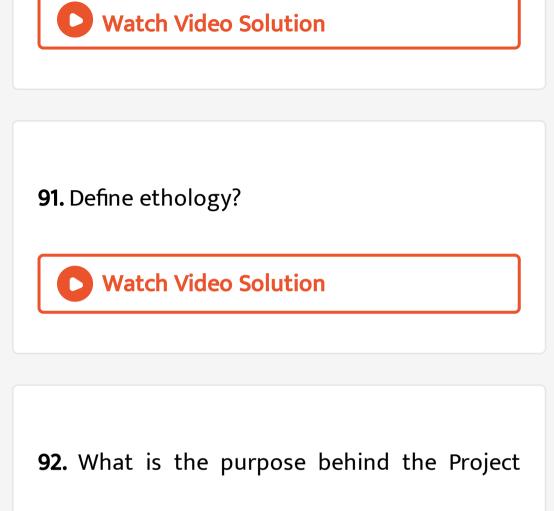
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89. What is photokinesis ?

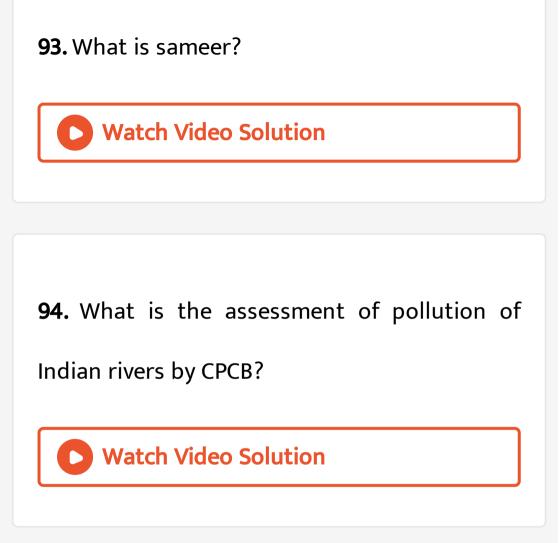
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90. Which desert receives lowest rainfall of

<15mm per year?



Tiger.



95. Define natural parthanogenesis. Explain its

types.



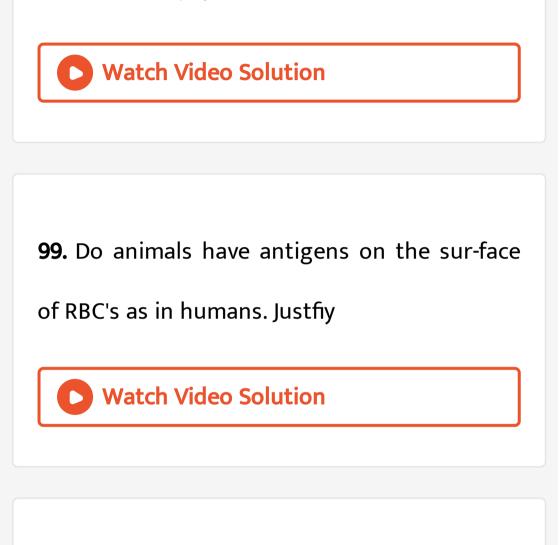
96. What is first milk? Write its composition and significance.

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97. Name the health care programmes given

by the government at national level.

98. What is Cryopreservation?



100. Coacervates are

101. List out the causes and symptoms of swineflu.



102. What are primary lymphoid organs?

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103. Differentiate probiotics and prebiotics.





104. Explain how "Rosie" is different from a

normal cow.

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105. Write notes on Adenoids.

106. What are Peyer's patches.



107. Write notes on edible vaccines? Where do

they target?

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108. What is phototaxis ?

109. What is phototropism ?

Watch Video Solution

110. Historically biomes are known to move as climate changes, 'Write about the desert that prove this statement'.

111. Write the characteristics of tundra.



112. Write a short note on interdepen-dence of

living components.

Watch Video Solution

113. Write short notes on "Zoo Ambassador".

114. Write a short note on Arignar Anna Zoo-

logical park, Vandalur.



115. Define twins. Explain the types of twins.



116. Expand WBW. Write short notes about it.



117. Explain about breat self Examination and

Early diagonosis of Cancer.

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118. Write about Wiener hypothesis?

119. What are stem cells? Explain their role in

the field of medicine.

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120. Define Van't Hoff factor.

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Exercise

1. In which type of parthenoegenesis are only

males produced ?

A. Arrhhenotoky

B. Thelytoky

C. Amphitoky

D. Both a and b

Answer:

A. Oviparous

.

B. Ovoviviparous

C. Viviparous

D. Both a and b

Answer:

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C. Raphel Walt

D. Verner

Answer:

Watch Video Solution

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22. Zoonotic virus

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A. Entomology

B. Anthropology

C. Ethology

D. ichthyology

Answer:

37. When did George, the tree snail in Hawai

become extinct?

A. March 1, 2018

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Answer:

38. What is the App that is introduced to find

out Air Quality Index(AQI)?

A. Facebook

B. Twitter

C. Google

D. Sameer

Answer:

39. Taj Mahal in India which was once a white

marble beauty has beocme yellow?

A. Industrilal pollution

B. Water pollution

C. Ulraviolet radiation

D. Desertification

Answer:

40. Average human consumption of oxygen

per day is _____.

A. 500 L

B. 400 L

C. 550 L

D. 300 L

Answer:

41. Oxygen production by one healthy

tree/year is

A. 100000 L

B. 1050000 L

C. 25000 L

D. 1000375 L

Answer:

42. Deet and allethrin used in mosquito coils

may casue

A. Itching

B. Burning

C. Numbness

D. a,b,c

Answer:

43. Musquito repellants contain.....

chemicals that causes allergic reactions.

A. DEET and nitrous oxide

B. DEET and alethrin

C. Allethrin and acetanilide

D. Allethrin and decaborane

Answer:

44. When did Tamil Nadu government ban single use plastics?

A. 1 st January 2019

B. 8th January 2019

C. 11th January 2019

D. 21st January 2019

Answer:

45. The endangered species Nilgiri Tahr would loose 60% of its habitat from 2030s. What is the reason for this?

A. Evolution

B. Competition

C. Climate change

D. Loss of productivity

Answer:

46. The Ozone Day is observed every year on September 16 as on this day in 1987 the _____ was signed for launching efforts to arrest the depletion of the fragile ozone layer in the stratosphere that prevents the harmful ultra violet rays of the sun from reaching the earthh, Fill the correct word in blank.

A. Montreal Protocol

B. Geneva Protocol

C. Kyoto Protocol

D. Nagoya Protocol

Answer:



47. Which among the following awards instituted by the Government of India for individuals or communities from rural areas that have shown extraordinary courage and dedication in protecting Wildlife?

A. Indira Gandhi Parayvaran Puraskar

B. Medini Puruskar Yojana

C. Amrita Devi Bishnoi Award

D. Pitambar Pant National Award

Answer:

Watch Video Solution

48. When is ozone day celebrated?

49. "Amrita Devi Bishnoi smriti Award" is given for.

- A. Conservation fo water
- B. Conservation fo wild life
- C. Conservation of forest
- D. Conservation of Bishnoi culture

Answer:

50. Identify the remedy for plastic pollution?

A. Recycle

B. Reduce

C. Reuse

D. All of the above

Answer:

51. UN first conference of human environment

was held in

A. Johannesburg-2002

B. New York, U.S.A.-2015

C. Kigali Rawd-2016

D. Stockholm, Swege-1972

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Answer:

90. Taj Mahal in India which was once a white

marble beauty has beocme yellow?

A. Industrila pollution

B. Water pollution

C. Ulraviolet radiation

D. Desertification

Answer:

91. Average human consumption of oxygen per

day is _____.

A. 500 L

B. 400 L

C. 550 L

D. 300 L

Answer:

92. Oxygen production by one healthy

tree/year is

A. 100000 L

B. 1050000 L

C. 25000 L

D. 1000375 L

Answer:

93. Deet and allethrin used in mosquito coils

may casue

A. Itching

B. Burning

C. Numbness

D. a,b,c

Answer:

94. Musquito repellants contain.....

chemicals that causes allergic reactions.

A. DEET and nitrous oxide

B. DEET and alethrin

C. Allethrin and acetanilide

D. Allethrin and decaborane

Answer:

95. When did Tamil Nadu government ban single use plastics?

A. 1 st January 2019

B. 8th January 2019

C. 11th January 2019

D. 21st January 2019

Answer:

96. The endangered species Nilgiri Tahr would loose 60% of its habitat from 2030s. What is the reason for this?

A. Evolution

B. Competition

C. Climate change

D. Loss of productivity

Answer:

97. The Ozone Day is observed every year on September 16 as on this day in 1987 the _____ was signed for launching efforts to arrest the depletion of the fragile ozone layer in the stratosphere that prevents the harmful ultra violet rays of the sun from reaching the earthh, Fill the correct word in blank.

A. Montreal Protocol

B. Geneva Protocol

C. Kyoto Protocol

D. Nagoya Protocol

Answer:



98. Which among the following awards instituted by the Government of India for individuals or communities from rural areas that have shown extraordinary courage and dedication in protecting Wildlife?

A. Indira Gandhi Parayvaran Puraskar

B. Medini Puruskar Yojana

C. Amrita Devi Bishnoi Award

D. Pitambar Pant National Award

Answer:

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99. When is ozone day celebrated?

A. 39142

B. 46023

C. 42217

D. 42614

Answer:

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100. "Amrita Devi Bishnoi smriti Award" is given

for.

A. Conservation fo water

B. Conservation fo wild life

C. Conservation of forest

D. Conservation of Bishnoi culture

Answer:

Watch Video Solution

101. Identify the remedy for plastic pollution?

A. Recycle

B. Reduce

C. Reuse

D. All of the above

Answer:



102. UN first conference of human environment was held in

A. Johannesburg-2002

B. New York, U.S.A.-2015

C. Kigali Rawd-2016

D. Stockholm, Swege-1972



