

Instructions

NEW Marking Scheme and Evaluation Format

Total marks for the examination: 70

Total time duration for the examination:
1 hour and 30 minutes

Breakup of questions:

SECTION I: OBJECTIVE

Duration: 1 hour

44 MCQ QUESTIONS: Each question bears 1 mark each, there are 6 Leaf marked questions which bear 2 marks each.

Total marks for SECTION I is 50

These 6 sub-heads for SECTION I are as follows:

Flora – Plant life; 9 questions including 1 Leaf question

Fauna – Animal life; 9 questions including 1 Leaf question

Terra – Geography and environment ; 9 questions including 1 Leaf question

Aqua – Aquatic life and water bodies; 4 questions including 1 Leaf question

thInQ – Logical reasoning; 4 questions including 1 Leaf question

Mixed Bag – General awareness on environment and natural world; 9 questions including 1 Leaf question

All questions are multiple choice questions with four options – A, B, C and D Mark the correct or most appropriate answer in the OMR (answer) sheet.

Using a dark pencil or a dark-inked pen, colour the correct option completely, as shown on the OMR (answer) sheet.

SECTION II: SUBJECTIVE

Duration: 30 minutes

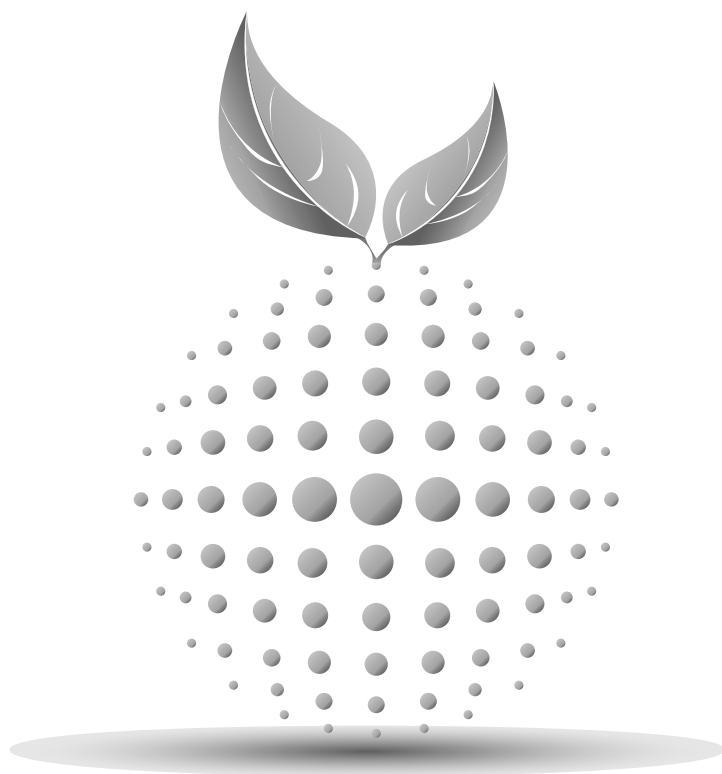
1 Picture Composition

Total marks for SECTION II is 20

Turn over the OMR sheet provided to you and write in the space provided.

You can attach an extra sheet signed by your invigilator if you need more space.

You can only use a black pen to write the composition. Both gel or ball point pens are allowed.



SAEVUS Eco-Achievers Olympiad



Official Knowledge Partner

भारतीय वन्यजीव संस्थान
Wildlife Institute of India

In association with

classmate

SECTION I Duration: 1 hour Marks: 50

Flora



1. Which part of the banana plant is consumed?

- A) Fruit
- B) Stem
- C) Flower
- D) All of the above

2. Which among the following plants is a climber?

- A. Potato
- B. Pea
- C. Brinjal
- D. Bottle gourd



3. Dark leafy greens contain _____, which help neutralize free radicals and prevent cancer and heart disease

- A) Phytochemicals
- B) Anti-oxidants
- C) Calcium
- D) Potassium

4. Mushrooms are neither plants nor animals and they cannot produce food themselves. What are mushrooms?

- A) Consumers
- B) Decomposers
- C) Producers
- D) None of the above

5. Which of the following parts of a plant makes maximum food for itself?

- A) Leaf
- B) Bark
- C) Stem
- D) Root

6. In the list below, 3 of these plants have the same kind of root – long and narrow at the bottom. Which is the odd one out?

- A) Carrot
- B) Radish
- C) Drumstick
- D) Turnip

7. In mountains such as the Himalayas, there is a line along the hills below which there is no permanent snow. This line is called the snow line. Similarly, there is a line called the tree line – what does it mark?

- A) The line below which trees don't grow
- B) The line above which trees don't grow
- C) The line above which some trees grow but others don't
- D) The line above which snow is again permanent

8. Which is the national flower of India?

- A) Lily
- B) Typha
- C) Rose
- D) Lotus

9. Some trees can grow in very salty water and sticky soil. They do this by keeping a large part of the roots out of water, through which they can breathe. What kind of forests do these trees make up (usually where river meets the ocean)?

- A) Desert forests
- B) Rainforests
- C) Mangrove forests
- D) High altitude forests

Fauna



10. What is the use of venom in snakes?

- A) Digest food
- B) Defend from enemies
- C) Kill prey quickly
- D) All of the above

11. Gallop, canter and trot are used to describe the motion of which domestic animal?

- A) Horse
- B) Cow
- C) Pig
- D) Elephant

12. Female mosquitoes bite and suck blood while male mosquitoes simply drink nectar and feed on plants. Why do females drink blood then?

- A) To become bigger
- B) To become red in colour
- C) To use the blood to help make eggs
- D) To help in mating with male mosquitoes

13. If tigers are the biggest predators in India, which is the second biggest?

- A) Jungle cat
- B) Lion
- C) Jackal
- D) Fox

14. What kind of animal is a kite?

- A) Beetle
- B) Bird
- C) Butterfly
- D) Bat



15. Ichthyology is the study of?

- A) Insects
- B) Tigers
- C) Fishes
- D) Birds

16. The largest bird on earth also lays the largest egg. Which bird?

- A) Cassowary
- B) Ostrich
- C) Hornbill
- D) Peacock

17. Group of Lions is known as what?

- A) Herd
- B) Pack
- C) Pride
- D) Flock

18. A certain animal found in North America warns its enemies by making a noise from a growth on its tail. This growth is very similar to what children play with. What is this animal?

- A) Coral Snake
- B) Rattle Snake
- C) Black Mamba
- D) Skink

Aqua



19. A Cluster of jellyfish is called a

- A) Flock
- B) Group
- C) Smack
- D) Pack

20. Sea Otters have been known to use tools. They float on their back, use a stone to open what food item?

- A) Fish
- B) Shark
- C) Mussel or clam
- D) Sea horse or sea cucumber

21. Eskimos drill holes in the ice to fish. A similar technique is used by which animal to hunt fish?

- A) Snow hare
- B) Snow fox
- C) Seal
- D) Elephant

22. Some animals like frogs and salamanders can die if their skin dries out. However snakes and lizards don't have that problem. Why do those creatures die?

- A) They need water to drink from their skin
- B) They need a moist skin to breathe
- C) They need a moist skin to move about
- D) They need a moist skin to lay eggs

Terra



23. A person wants to visit the national parks in Ranthambor, Gir and Bandipur located in three different states of India. To which one of the following states he need not go in this connection

- A) Gujrat
- B) Rajasthan
- C) Karnataka
- D) Kerala

24. Which of these countries do not have lions?

- A) Sri Lanka
- B) Kenya
- C) India
- D) Somalia

25. Which area of Madhya Pradesh is known for white tigers?

- A) Bundelkhand
- B) Malwa
- C) Baghelkhand
- D) None of the above

26. Olive branch is a symbol of what?

- A) War
- B) Fear
- C) Peace
- D) Love

27. Birds and aeroplanes work on the principle of air flowing below the wing that pushes them up. There is a word used to describe this force - what commonly used word is it?

- A) Drag
- B) Lift
- C) Curl
- D) Roll

28. If aquarium is used to keep fish, what is a terrarium used for?

- A) Keeping rats, mice and hamsters
- B) Keeping tortoises, snakes and salamanders
- C) Growing plants
- D) Growing algae

29. Trees can grow very big. However they can be kept small by trimming it's roots continuously and maintaining it. They can fruit and flower in this condition. What is this Japanese art called, also a hobby?

- A) Pruning
- B) Trimming
- C) Bonsai
- D) Taichi



30. Some birds move to warmer places in winter and then return when weather improves. What is called, used for people as well?

- A) Digestion
- B) Curation
- C) Migration
- D) Immigration

31. Bats use sound to see their prey. They emit sound that bounces off things around them and then they hear it, and use the loudness to find out how close things are. What is this called?

- A) Echolocation
- B) Parsimony
- C) Sounding
- D) Ranging

thInQ



32. I'm hungry! Is there _____ fruit in the cupboard?

- A) Any
- B) A lot
- C) Some
- D) Huge

33. What is the greatest whole number that you can make using the following digits? 3 5 1

- A) 135
- B) 315
- C) 531
- D) 351

34. There are 11 boys and 19 girls in a class. 1 boy and 3 girls are absent from school today. How many pupils are present?

- A) 22
- B) 26
- C) 28
- D) 30



35. If Flowers: Petals, then Books:?

- A) Author
- B) Pages
- C) Library
- D) Series



36. Wildlife shows can be regularly seen on TV. Which of these channels DO NOT have wildlife shows?

- A) NDTV
- B) National Geographic
- C) Discovery Channel
- D) Animal Planet



37. Which government service takes care of India's wildlife?

- A) Indian Revenue Service
- B) Indian Forest Service
- C) Indian Police Service
- D) Indian Railway Service

38. We often eat an apples and mangoes. If the centre of the mango is a seed, what is a pip?

- A) Apple seed
- B) centre of apple with seed and fruit
- C) Mango seed
- D) Full apple fruit

39. Who is the bird man of India?

- A) Zafar Futehally
- B) Salim Ali
- C) Humayun Abdulali
- D) Dillon Ripley

40. How many body parts does an insect have?

- A) 4
- B) 3
- C) 6
- D) 2

41. Shoebill, openbill, spoonbill are all types of what?

- A) Pigeons
- B) Storks
- C) Sparrows
- D) Larks

42. Which of these senses are weak in an elephant?

- A) Seeing and hearing
- B) Smelling and hearing
- C) Smelling
- D) Seeing

43. The famous movie "Born Free" was based on which animal?

- A) Tiger
- B) Elephant
- C) Lion
- D) Gorilla

44. Which species played the character "Master Shifu" in the movie 'Kung fu Panda'?

- A) Tiger
- B) Tortoise
- C) Red Panda
- D) Leopard

SECTION II Duration: 30 minutes Marks: 20

PICTURE COMPOSITION

Write what the picture is trying to say, a short description is given below.
Marks will only be given for content and original expression and not for style, vocabulary or handwriting.

TEACHERS ARE REQUESTED TO EXPLAIN THE TOPIC TO JUNIOR CLASS STUDENTS

ROHAN CHAKRAVARTY



CRUELTY TOWARDS ANIMALS

While children like you love and care for animals, adults are sometimes very cruel to them, sometimes out of fear or even as a part of their livelihood needs. You might have seen temple elephants being chained, bears and monkeys being made to perform tricks or snakes being beaten up. Share with us what you think on these practices and what we should do to change things for the better.

SAEVUS

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