

KARTET EVS Questions with answers

Q1. The government law that 'no one can catch and keep snakes' comes under which Act?

- (a) Environment (Protection) Act (1986)
- (b) Biological Diversity Act (2002)
- (c) Wildlife Protection Act (1972)
- (d) Forest Conservation Act (1980)

Q2. Rajaji National Park is located in

- (a) Uttarakhand
- (b) Gujarat
- (c) Himachal Pradesh
- (d) Uttar Pradesh

Q3. Which one of the following is a non-renewable form of energy?

- (a) Solar energy
- (b) Geothermal energy
- (c) Natural gas
- (d) Tidal energy

Q4. Which of the following Union Territory is on the coast of the Bay of Bengal?

- (a) Lakshadweep
- (b) Nagaland
- (c) Puducherry
- (d) Dadra and Nagar Haveli, Daman and Diu

Q5. The first Indian woman who has spent more than six months in space is

- (a) Wahida Prism
- (b) Karnam Malleswari
- (c) Bachendri Pal
- (d) Sunita Williams

Q6. The sanitation facilities created by the Sulabh are used by over 10 million people everyday. Who is the founder of Sulabh International?

- (a) Bindeshwar Pathak
- (b) Vinoba Bhave
- (c) Baba Amte
- (d) Anna Hazare

Q7. The process of cooling due to evaporation is slow when the atmospheric temperature

- (a) increases and the wind speed is high
- (b) increases and the wind speed is low
- (c) decreases and the wind speed is low
- (d) decreases and the wind speed is high

Q8. Who won the Stockholm Water Prize in 2015 for his/her contribution in water harvesting and conservation?

- (a) Rajendra Singh
- (b) Sunderlal Bahuguna
- (c) Medha Patkar
- (d) Panduranga Hegde

Q9. The House protects us from heat, cold, rain, and dust. Caravan is a house on _____

- (a) Wheels
- (b) Boats
- (c) Snow
- (d) Railway tracks

Q10. Select a pair of Union Territories of India from the following:

- (a) Nagaland and Mizoram
- (b) Tripura and Jharkhand
- (c) Jharkhand and Chandigarh
- (d) Ladakh and Jammu and Kashmir

Q11. Wildlife Conservation Week is celebrated during first week of

- (a) October
- (b) April
- (c) July
- (d) May

Q12. With respect to the location of the capital of India, the directions of Lucknow (capital of Uttar Pradesh) and Chandigarh (capital of Punjab) respectively are

- (a) North-East and South-West
- (b) North-West and South-East
- (c) South-West and North-East
- (d) South-East and North-West

Q13. In the separation process, what part of bajra is used in the mortar for crushing?

- (a) Stems
- (b) Seeds
- (c) Cobs
- (d) Flowers

Q14. Places where the temperature does not usually drop below 0°C are

- (a) Kanpur, Raipur
- (b) Leh, Ladakh
- (c) Joshimath, Manali
- (d) Kedarnath, Amarnath

Q15. A cook is making biryani and he wants to separate the rice and water. What method will he use?

- (a) Evaporation
- (b) Winnowing
- (c) Decantation
- (d) Hand Picking

Q16. Which of the following are omnivores?

- (a) Crow, Pig, Human
- (b) Rabbit, Cow, Horse
- (c) Tiger, Lion, Wolf
- (d) Goat, Elephant, Pig

Q17. EVS curriculum at the primary level follows an environmental approach. This means that EVS curriculum is

- A. for the environment
- B. through the environment
- C. about the environment
- D. by the environment

- (a) B, C, and D
- (b) A, B, and D
- (c) A, B, and C
- (d) A, C, and D

Q18. Which of the following terms describe EVS?

- A. Exploration of the environment
- B. Interaction with environment
- C. Information about the environment

- (a) A, B, and C
- (b) A and B
- (c) A and C
- (d) B and C

Q19. The purpose of conducting 'Observation' activities in EVS is to

- A. Collect random similarities and differences
- B. Create awareness about objects around us
- C. Seek information from children about their previous knowledge
- D. Seek information from the object to extend children's ideas and understanding

- (a) A and D
- (b) A and B
- (c) B and C
- (d) A and C

Q20. In the EVS book of class V, an example of a plant that hunts 'Nepenthes' has been given. What will be most suitable for a teacher to do while discussing this?

- (a) To explain to students why this plant hunts
- (b) Ask students why this plant hunts
- (c) To ask students to search reason why this plant hunts
- (d) Ask students to think why some animals hunt

Q21. Raziya is performing an experimental activity which was performed by her teacher earlier. She commits a mistake. What should her teacher Roshan do?

- (a) He should correct the mistake
- (b) He should not correct the mistake
- (c) He should point out her mistake and explore the correct answer for her
- (d) He should point out the mistake and let her explore the correct answer

Q22. EVS curriculum follows a thematic approach because

- (a) One teacher can teach all EVS topics easily.
- (b) Thematic approach develops a differentiated understanding of EVS topics.
- (c) Thematic approach breaks the barriers of subject boundaries.
- (d) A subject-centred approach will have thick text books.

Q23. Which of the following themes/subthemes could be related to the competency given below? "Evaluates various forms of discrimination in society."

- (a) Environment
- (b) Fuel
- (c) Work and play
- (d) Plants

Q24. Binu, an EVS teacher of class V asks students to survey their neighborhood about water consumption and family size. What process skills is being promoted by this activity?

- A. Questioning
 - B. Measuring
 - C. Communicating
 - D. Inferring
 - E. Making and using models
- (a) A, B, and C
 - (b) B, C, and D
 - (c) C, D, and E
 - (d) A, C, and D

Q25. Gopaba asks students to bring rose flowers to teach the process of making Gulkand. Hetal complains to Gopaba that Rashi has stolen rose from the neighbouring house. What should Gopaba do?

- A. He should teach the students the process of making Gulkand.
 - B. He should make a plan to develop a school garden with the help of gardener to plant flowering plants.
 - C. He should make a plan to develop a school garden with the help of students to plant flowering plants.
 - D. He should ask Hetal to plant a rose plant in school garden and take its care until it flowers.
- (a) A and B
 - (b) A and C
 - (c) A and D
 - (d) C and D

Q26. Nature of EVS at Primary level is

- (a) Integrated
- (b) Intradisciplinary
- (c) Correlation of subjects
- (d) Combination of subjects

Q27. Gul took the students of class III for a visit to a garden. There were several plants and trees there. Which of the following will be most appropriate for the EVS?

- (a) Names of trees and plants
- (b) Scientific characteristics of trees and plants
- (c) Medicinal names of trees and plants
- (d) Environmental situations in which trees and plants grow

Q28. EVS classroom will need to provide opportunities to children to be able to progressively ask

- (a) Lower order questions
- (b) Higher-order questions
- (c) Simple questions
- (d) Complex questions

Q29. Rezi holds a bangle before moon and says, "My bangle is larger than the moon since it fits inside the bangle." The following processes are involved in her statement in which sequence?

- A. Comparison
 - B. Logic
 - C. Observation
 - D. Inference
- (a) A → B → C → D
 - (b) D → C → B → A
 - (c) C → A → B → D
 - (d) B → D → A → C

Q30. What will be the correct sequence of following components of CCE?

- A. Continuous observation, classroom teaching review and planning
 - B. Wide range of teaching-learning experiences to be provided to children
 - C. Continuous improvement in teaching-learning process
 - D. Determination of levels of development with desired skills
- (a) A → B → C → D
 - (b) B → A → C → D
 - (c) D → C → B → A
 - (d) C → D → A → B

S1. Ans.(c)

Sol. The correct answer is Wildlife Protection Act (1972).

The Wildlife Protection Act (1972) is the correct answer because it is a law that governs the protection of wildlife in India, including snakes. The act was enacted to protect endangered species and their habitats and to regulate the hunting, poaching, and trade of wildlife. The act also provides for establishing national parks, wildlife sanctuaries, and conservation reserves to protect wildlife and their habitats.

Snakes are an important part of the ecosystem and play a crucial role in controlling rodent populations and maintaining ecological balance. Catching and keeping snakes without proper permission is illegal, and violating this law can result in fines and imprisonment.

S2. Ans.(a)

Sol. The correct answer is Uttarakhand.

Rajaji National Park is located in the state of Uttarakhand in India. It was established in 1983 and covers an area of 820 square kilometers. The park is named after C. Rajagopalachari, a leader of the Indian independence movement and the last Governor-General of India. It is home to various wildlife, including tigers, leopards, elephants, and several species of deer. The park is also known for its diverse bird population, with over 315 species of birds recorded within its boundaries.

S3. Ans.(c)

Sol. The correct answer is Natural gas.

Natural gas is a fossil fuel, forming over millions of years from the remains of dead plants and animals. This process takes a long time, making natural gas a non-renewable resource. Natural gas is often touted as a cleaner alternative to other fossil fuels like coal, but it still releases greenhouse gases when burned, contributing to climate change. The extraction and transportation of natural gas can also have negative environmental impacts, such as habitat destruction and water pollution. It's important to note that while renewable energy sources like solar and tidal power are becoming increasingly important, they still comprise a relatively small portion of the world's energy mix. Fossil fuels like natural gas are still the dominant source of energy worldwide.

S4. Ans.(c)

Sol. The correct answer is Puducherry.

Puducherry is a Union Territory located on the southeastern coast of India. The Bay of Bengal bounds it on the east and the Indian Ocean on the south. The territory comprises four coastal regions: Puducherry, Karaikal, Mahe, and Yanam.

Puducherry was a French colony until 1954 and uniquely blended French and Indian cultures. The territory is famous for its beaches, temples, and Aurobindo Ashram, which attracts tourists worldwide.

S5. Ans.(d)

Sol. The correct answer is Sunita Williams.

The first Indian woman who has spent more than six months in space is Sunita Williams. She was born on September 19, 1965. She was an American astronaut of India origin. She was United States Navy officer. She became the second Indian-origin woman to fly into space after Kapana Chawla.

S6. Ans.(a)

Sol. The correct answer is Dr. Bindeshwar Pathak.

Dr. Bindeshwar Pathak is the founder of the Sulabh International Social Service organisation. The organization works to build a nationwide sanitation movement. His contribution has made a critical difference in the lives of millions of severely disadvantaged poor who couldn't afford toilets, and those who worked as manual scavengers and hence faced severe discrimination in the society owing to their low caste.

S7. Ans.(c)

Sol. The correct answer is decreases and the wind speed is low.

Evaporation is a type of vaporization that refers to the process of a liquid changing into gas. The process of the liquid changing into vapour even below its boiling point is called evaporation.

The factors affecting evaporation are explained below:

- Humidity of air
- Wind speed
- The surface area of the liquid
- Temperature

S8. Ans.(a)

Sol. The correct answer is Rajendra Singh.

Rajendra Singh won the Stockholm Water Prize in 2015 for his water harvesting and conservation contribution. He is also known as the "Water Man of India" and has dedicated his life to conserving water resources.

Singh founded the organization "Tarun Bharat Sangh," which has helped revive several rivers in Rajasthan through community-led water harvesting methods. He has also been recognized with several other awards for his work, including the Ramon Magsaysay Award and the Padma Shri. The Stockholm Water Prize is considered one of the most prestigious awards in the field of water. It is awarded annually to individuals or organizations for their outstanding contributions to the conservation and protection of water resources.

S9. Ans.(a)

Sol. The correct answer is Wheels.

Caravans are mobile houses. They are also known as the house on wheels. They contain all the basic features of a normal house.

S10. Ans.(d)

Sol. The correct answer is Ladakh and Jammu and Kashmir.

There are currently 8 union territories in India.

Union Territories in India are:

1. National Capital Territory of Delhi
2. Andaman and Nicobar Islands
3. Dadra and Nagar Haveli and Daman and Diu
4. Chandigarh
5. Lakshadweep
6. Ladakh
7. Puducherry
8. Jammu and Kashmir

S11. Ans.(a)

Sol. The correct answer is October.

Wildlife Conservation Week is celebrated during the first week of October every year. The week aims to raise awareness about the importance of wildlife conservation and the need to protect endangered species. The week also highlights the efforts of organizations and individuals working towards conserving and preserving wildlife. The week may include various events and activities such as educational programs, nature walks, and wildlife photography competitions

Wildlife conservation is the practice of protecting and preserving the natural habitats and populations of animals, including endangered species, to maintain biodiversity and ecological balance.

S12. Ans.(d)

Sol. The correct answer is South – East and North – West.

Direction is divided into 8 sections, 4 cardinal directions, and 4 ordinal directions.

- The four cardinal directions are the directions north, east, south, and west, commonly denoted by their initials N, E, S, and W.
- East and west are perpendiculars to north and south.
- East is in the clockwise direction of rotation from north and west is directly opposite east.
- The ordinal directions are north-east (NE), south-east (SE), south-west (SW), and north-west (NW).
- NE, SE, SW, and NW lie in between the cardinal directions north and east, south and east, south and west, and north and west respectively.

S13. Ans.(c)

Sol. The correct answer is Cobs.

Cobs – When pearl millet (bajra) is harvested, the entire cob, which is the part of the plant that contains the seeds, is often used. In traditional methods, these cobs are dried and then pounded in a mortar. The pounding process helps to separate the millet seeds from the rest of the cob.

S14. Ans.(a)

Sol. The correct answer is Kanpur, Raipur.

These are cities located in the northern and central parts of India. The climate in these regions is tropical and subtropical, which means they typically experience warm temperatures throughout the year and do not usually see temperatures fall below freezing.

S15. Ans.(c)

Sol. The correct answer is Decantation.

Decantation is a process to separate mixtures by removing a liquid layer from the solids deposited from a solution. This is done by pouring out the clear upper layer of liquid. Example: After the rice settles at the bottom the relatively clean water containing dirt is poured out of the bowl.

S16. Ans.(a)

Sol. The correct answer is Crow, Pig, Human.

Animals fall into three distinct groups based on what they eat. Animals can be carnivores, or omnivores in their eating strategies. Different animals have different feeding habits. Based on their feeding habits, the animal can be divided into three groups, omnivores, herbivores, and carnivores.

Omnivorous: These organisms obtain food by feeding on both plants as well as animals. Omnivorous plays an important role in maintaining a healthy ecosystem by recycling waste. Examples of omnivores include Humans, Bears, Birds, etc.

Herbivorous: Organisms feeding only on plants e.g., Cow, Rabbit, Pig, etc. They eat only plant or plant products. These animals have evolved digestive systems capable of digesting large amounts of plant material.

Carnivorous: Organisms feeding only on animals. Carnivorous plants are capable of trapping and digesting small animals especially insects e.g., Pitcher Plant, Lion, etc.

S17. Ans.(c)

Sol. The correct answer is A, B and C.

The EVS curriculum at the primary level follows an environmental approach, which means it encompasses multiple aspects related to the environment.

- The curriculum is “for the environment” as it aims to promote environmental conservation, sustainability, and responsible behavior among students.
- The curriculum is “through the environment” as it encourages active engagement and experiential learning by utilizing the environment as a primary source of exploration and understanding.
- The curriculum is “about the environment” as it provides knowledge and information about various environmental concepts, including ecosystems, natural resources, environmental issues, and human-environment interactions.

S18. Ans.(b)

Sol. The correct answer is A and B.

- EVS involves the exploration of the environment, where students actively engage with and explore their surroundings to gain a deeper understanding of the natural and human-made world.

- EVS also emphasizes interaction with the environment, encouraging students to observe, investigate, and interact with various elements of the environment to learn about their characteristics, functions, and interconnections.

S19. Ans.(a)

Sol. The correct answer is A and D.

Observation activities in EVS are designed to help students develop awareness and attentiveness toward the objects and phenomena present in their surroundings.

- **Collect random similarities and differences (A):** Observation activities can involve collecting random similarities and differences in the environment. It encourages students to notice and identify various characteristics.
- **Seek information from the object to extend children’s ideas and understanding (D):** Observing objects and phenomena in the environment helps gather information that can extend children’s ideas and understanding. It promotes curiosity and exploration.

S20. Ans.(c)

Sol. The correct answer is to ask students to search reason why this plant hunts.

Instead of directly providing an explanation, the teacher can encourage students to explore and investigate the reasons behind the hunting behavior of the Nepenthes plant. This approach promotes inquiry-based learning and critical thinking skills.

S21. Ans.(d)

Sol. The correct answer is He should point out the mistake and let her explore the correct answer.

- When Raziya commits a mistake during the experimental activity, her teacher Roshan should provide guidance by pointing out the mistake. However, instead of immediately correcting it, Roshan should allow Raziya the opportunity to explore and discover the correct answer on her own.
- By pointing out the mistake, Roshan helps Raziya become aware of the error and encourages her to reflect on her approach. This promotes a deeper understanding of the concept and foster critical thinking and problem-solving skills.

- By letting Raziya explore the correct answer herself, Roshan promotes a sense of autonomy and ownership over the learning process. This approach also encourages Raziya to analyze her mistake, consider alternative approaches, and develop a better understanding of the concepts involved.

S22. Ans.(c)

Sol. The EVS curriculum follows a thematic approach because it aims to break the traditional barriers of subject boundaries.

- Rather than compartmentalizing knowledge into separate subjects, the thematic approach allows for a more integrated and interconnected understanding of environmental studies.
- By organizing the curriculum around themes, such as water, air, or food, the thematic approach encourages students to explore topics from various perspectives and disciplines.
- It promotes a holistic understanding of the environment by integrating concepts from science, social studies, geography, and other relevant disciplines.
- The thematic approach in EVS curriculum fosters a more comprehensive, integrated, and interdisciplinary learning experiences.

S23. Ans.(c)

Sol. The correct answer is Work and play. The theme/subtheme of “Work and Play” is related to the competency of evaluating various forms of discrimination in society. The exploration of different patterns of activity when people are working and not working in their family and neighborhood allows students to sensitively examine and challenge stereotyped gender roles.

S24. Ans.(d)

Sol. The correct answer is A, C and D. The process skills being promoted by Binu’s activity of conducting a survey in the neighborhood about water consumption and family size are:

- **Questioning:** The students will need to develop appropriate survey questions to gather information about water consumption and family size. This skill involves formulating clear and relevant questions to elicit the desired information.

- **Communicating:** The students will need to interact with members of the neighbourhood to collect data through the survey. Effective communication skills will be necessary to approach people, explain the purpose of the survey, and record the responses accurately.
- **Inferring:** After collecting the survey data, the students will need to analyze and interpret the information to draw conclusions about water consumption patterns in relation to family size. Inferring involves making logical connections and drawing reasonable conclusions based on the data collected.

S25. Ans.(d)

Sol. The correct answer is C and D. Gopaba should prioritize addressing Hetal’s complaint about Rashi stealing roses from a neighboring house. Stealing is unethical and should be addressed appropriately.

- **Developing a school garden with the help of students to plant flowering plants (C):** This option addresses the situation positively by involving students in the process of creating a school garden. It encourages a sense of responsibility and care for plants.
- **Asking Hetal to plant a rose plant in the school garden and take its care until it flowers (D):** This option provides a constructive solution by channeling Hetal’s enthusiasm for plants into a positive activity. It also teaches responsibility and care for the environment.

S26. Ans.(a)

Sol. The correct answer is Integrated. Integrated EVS refers to a holistic approach that combines various aspects of the environment, including natural, social, and scientific elements.

S27. Ans.(b)

Sol. The correct answer is Scientific characteristics of trees and plants. The most appropriate option for an EVS (Environmental Studies) discussion after Gul’s visit to the garden with the class III students would be the scientific characteristics of trees and plants. This choice aligns with the subject matter of EVS and allows students to explore and understand the biological aspects of plants and trees.

S28. Ans.(b)

Sol. The correct answer is Higher-order questions.

Higher-order questions

- These questions require students to engage in critical thinking, analysis, synthesis, and evaluation. They go beyond simple recall of facts and encourage deeper understanding and application of knowledge.
- In an EVS classroom, encouraging higher order questioning helps develop students' cognitive skills and promotes a more comprehensive and meaningful understanding of environmental concepts.
- It fosters critical thinking and analytical skills, which are crucial for a well-rounded education in environmental studies.

S29. Ans.(c)

Sol. The correct answer is $C \rightarrow A \rightarrow B \rightarrow D$.

- Rezi makes an observation by looking at her bangle and the moon. She notices the size difference between the two objects.
- She engages in comparison by stating that her bangle is larger than the moon. She is drawing a comparison between the size of her bangle and the size of the moon.

- She applies logic by reasoning that her bangle is larger because it can fit inside the moon. She is using logical thinking to connect the concept of size and the fact that the moon can fit inside her bangle.
- Rezi makes an inference based on her observation, comparison, and logical reasoning. She concludes that her bangle is larger than the moon based on the evidence and reasoning she has presented.

S30. Ans.(b)

Sol. The correct answer is $B \rightarrow A \rightarrow C \rightarrow D$.

CCE stands for Continuous and Comprehensive Evaluation. It is an educational assessment system implemented in schools to evaluate student's learning progress throughout the academic year.

The correct sequence of CCE:

- A wide range of teaching-learning experiences should be provided to children.
- Continuous observation, classroom teaching review, and planning take place.
- Continuous improvement in the teaching-learning process takes place based on feedback and assessment outcomes.
- The determination of levels of development with desired skills occurs.

