

CLASS : V

SUBJECT : EVS

Read the given information and answer the following questions-

The sky, stars, sun and moon, they all are in space. The earth has some power by which it pulls everything towards itself called gravity. Space and moon do not have that power. Moon has got $1/6^{\text{th}}$ of the gravity of the earth. The moon seems to change its shape every night. Moon orbits around the earth.

1) When we throw a ball up in the sky, it falls down back on the earth. Why do you think that happens ?

- a. Friction between ball and earth
- b. Moon pushes it towards earth
- c. Earth has gravitational force that makes earth act as a magnet
- d. Earth has no attractive force

2) If the same ball is thrown on the moon, what do you think will happen ?

- a. Ball will fly off to space
- b. Ball will fall down immediately
- c. Ball will fall in speed 6 times slower than on earth
- d. Ball remains there without moving

3) We see different shape of moon every day. On Amavasya, there is no moon and on Poornima, there is full moon. How does this happen ?

- a. We cannot see clearly as moon is far away
- b. Moon is constantly moving around the earth so we feel the change
- c. We see different parts of Moon as it orbits around the Earth
- d. The earth moves around the moon

4) A satellite is an object that moves around a larger object. Sputnik 1, was the world's first artificial satellite launched in 1957. Name the earth's natural satellite.

- a. Mars
- b. Pluto
- c. Moon
- d. Aryabhata

5) In space water floats in blobs in the air. This happens because -

- a. There is less water
- b. There is no gravity
- c. Water is lighter there

- d. There is more gravity in the space

Read the given information and answer the following questions-

Ramya has very thin arms and legs and a pot belly. She could get little bit of rice to eat. Krishna is fat and flabby. The only thing he finds tasty are chips, burgers and pizzas and soft drinks. Shreyas eats roti, rice, dal, fruits, vegetables and milk products. He is a healthy and cheerful child. It is the right of every child to get proper food. That is why some government schools even provide midday meal to them.

6) Why is Ramya thin and has a pot belly ?

- a. She is dieting and trying to become thin
- b. She is not eating nutritious food
- c. She is living in an area with famine
- d. She has some health problem

7) Krishna is fat and flabby. He is eating what he wants but he has no energy and feels dull all the time. Why do you think that is happening ?

- a. Krishna wants to eat more pizzas
- b. Junk food is tasty but does not make us strong and healthy
- c. He does not want to share his food with anyone. That is why he is dull.
- d. Both (a) and (b) are correct.

8) Ramya is thin and Krishna is fat. Read carefully what they eat and guess why is it so –

- a. Ramya is eating very less and Krishna is eating a lot
- b. To grow and develop properly, we must eat proper balanced diet which they are not eating
- c. Ramya does not like to eat while Krishna loves to eat junk food.
- d. Ramya eats only junk food

9) We should not waste food and eat till the last bite on our plate because –

- a. Many people are dying because of hunger
- b. Farmers are working very hard to grow crop for us
- c. Both of the above
- d. None of the above

10) Some schools provide Mid-day meal to children because –

- a. Children do not get proper food at home
- b. It is the right of every child to get proper food.
- c. Both of the above
- d. Some mothers do not cook

e. Read the given information and answer the following questions-

The word malaria has been taken from the old Italian word, mala which means bad and aria which means air. People also called it Marsh fever as it occurred more in the areas where there were marshy ponds or puddles with stagnant water.

Malaria is spread by female Anopheles mosquitoes which feeds on the blood of human beings. The female Anopheles feeds during the night. Dengue is spread through Aedes mosquitoes that bites during daytime.

11) There was a pond in Tina's garden. She put kerosene oil on it. She did because –

- a. Fish like kerosene
- b. Kerosene is put to prevent breeding of Mosquitoes
- c. Kerosene gives a nice fragrance to the pond water
- d. Kerosene is cheap

12) Which of the following is correct –

- a. Anopheles mosquitoes bites during the day
- b. Anopheles and Aedes both mosquitoes bite during night.
- c. Aedes mosquitoes bites during day and Anopheles mosquitoes during night
- d. Both mosquitoes bite all through the day

13) We need to do a blood test to see if we have -

- a. Anaemia
- b. Dengue / Malaria
- c. Influenza
- d. Both a and b

14) We must wear full sleeves clothes, use mosquito nets and not allow stagnant water to collect around us. Why ?

- a. Because it is cold in the evening
- b. Standing water breeds mosquitoes
- c. All mosquito bites lead to diseases
- d. To sleep comfortably

15) The scientist Ronald Ross looked into the stomach of a mosquito because many people used to die of this disease. The disease he discovered and named _____ meant bad air.

- a. Dengue
- b. Malaria
- c. Anaemia
- d. Polio

Read the given information and answer the following questions-

Disaster is a sudden event that has unfortunate consequences for those affected by it. Disasters cause large scale loss of life and property. Disasters caused by natural factors are called Natural Disasters or Calamities like Earthquake. Many government and non government agencies, neighbours etc help in time of need. Shortage of food and water can lead to famine. We should know how to keep ourselves safe and also contribute to rebuilding our houses and lives.

16) When the earth shakes violently and everything falls down and is destroyed. It is called _____

- a. Cyclone
- b. Earthquake
- c. Volcanic Eruption
- d. Tornado

17) The frequency of natural disasters has increased over the last decade. This is because of –

- a. Man is not taking care of environment
- b. We are only taking from mother earth and not giving back.
- c. Earlier times, people knew the techniques to control Natural Disasters
- d. Both (a) and (b) are correct

18) Engineers and architects give people advice while building houses after the disaster -

- a. They help to design the house to make it stronger
- b. They make money by giving their advice
- c. People don't want to make their house there again
- d. They want to make fancy houses

19) At the time of the disaster –

- a. We should run away from the scene
- b. We should be calm and safe and help others too
- c. We must hide all our belongings so that we are not in trouble
- d. We should lock ourselves in the washroom

20) International Red Cross, NDMA, NDRF etc were constituted to –

- a. Help people rebuild their lives after the disaster
- b. To stop outbreak of diseases and provide food to fight famine
- c. Some countries want to spend their money
- d. Both (a) and (b)

Read the given information and answer the following questions-

Agriculture provides us everything we need from food to fabrics for clothing and raw materials for industry. Tools and techniques used by farmers have changed over the last years. Farmers struggle to get a good yield and natural methods have been replaced by modern techniques.

21) Why do you think farmers struggle to get a good yield ?

- a. The soil has become infertile by growing same crop again and again
- b. Modern equipment and techniques are not good enough
- c. A lot of money is spent on fertilizers and pesticides
- d. Fertilizers decrease the fertility

22) What is the way of getting fibre from plants ?

- a. Silkworm are found on plants and we get silk from them
- b. Cotton plants give us cotton fibre
- c. Wool is taken off from sheep
- d. Both (a) and (b)

23) Farmers take loans from the bank to make farming easy and effective. This has also led to –

- a. Many people getting unemployed due to use of machines
- b. Farming has become easy and profitable because of modern equipment
- c. Both of the above
- d. None of the above

24) Despite eating fruits and vegetables we are not as healthy as our grandparents. This is because –

- a. Pesticides put in farms are spoiling their taste
- b. Natural fertilizers like cow dung and dried leaves were used in olden days
- c. All fruits / vegetables are available in all seasons
- d. Physical exercise is less

25) What do you think are the other things for which government gives us loans ?

- a. Paying school fees
- b. Purchase of house / higher education
- c. Buying chocolates
- d. Buying clothes

Read the given information and answer the following questions-

It is believed that a pashmina shawl is as warm as 6 sweaters ! It is very thin yet very warm. The goats (of Changpas) from which the soft pashmina wool is collected are found at very high altitudes of 5000 metres. In winter, temperature here drops below 0 °C (down to – 40 °C). A coat of warm hair grows on the goat's body which protects it from extreme cold. The goats shed some of their hair in summer. This hair is so fine that six of these would be as thick as one hair of yours!

The fine hair cannot be woven on the machines and so weavers of Kashmir make these shawls by hand. This is a long and difficult process. After almost 250 hours of weaving one plain pashmina shawl is made. Imagine how long it would take to make a shawl with embroidery.

26) Pashmina shawl is warm as 6 sweaters because -

- a. 6 sweaters are stitched together
- b. It is made by Changpas
- c. The wool is used from goats where temperature drops till -40°C
- d. It is made with special machines

27) These shawls are –

- a. Very thin and good for summer
- b. Thick and cosy
- c. Very light and cool
- d. Very thin yet very warm

28) What's special about this goat's hair ?

- a. 6 of these goat's hairs make 1 of your hair
- b. It can be woven on machines
- c. Goats shed these hairs in winters
- d. Both (b) and (c)

29) These shawls are made by –

- a. Knitting
- b. Stitching
- c. Weaving
- d. Cutting and pasting

30) Where are these goats found ?

- a. With Changpa tribe
- b. At high altitudes of 5000 metres
- c. Where temperature drops below 0°C
- d. All of the above

31) The iron nail sinks in the water but a plastic katori floats in the water. This happens because -

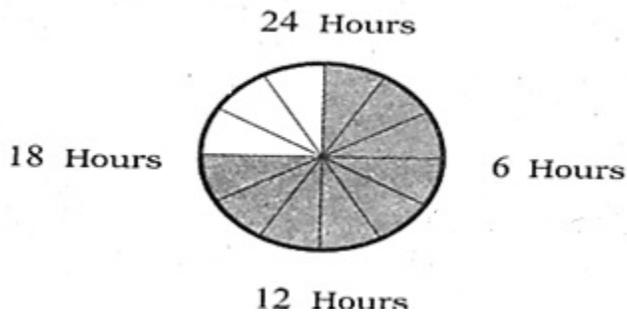
- a. The density of nail is more than water
- b. The weight of water displaced by iron nail is less
- c. The density of plastic katori is more than water
- d. Both (a) and (b)

32) Rajat always feels weak, tired and his skin looks pale due to –

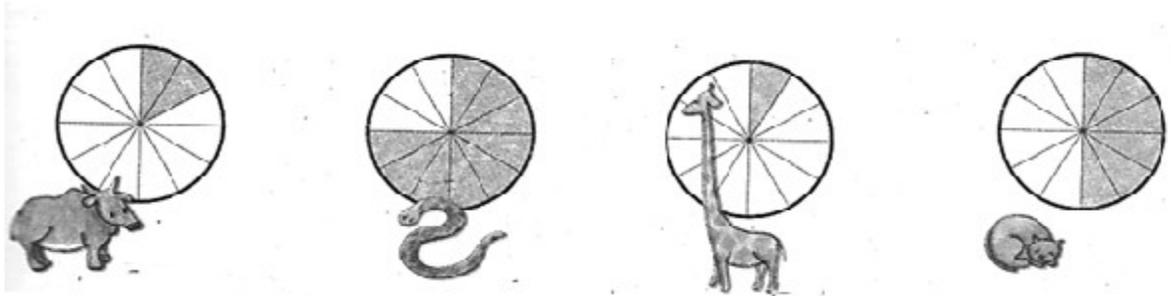
- a. Asthma
- b. Cough
- c. Anaemia
- d. Fever

- 33) Where is **Adalaj Stepwell** located ?
- Ahmedabad
 - Surat
 - Baroda
 - Mumbai
- 34) Which diseases have been **completely eradicated** from the world because of effective vaccination ?
- Measles
 - Polio
 - Small pox
 - Hepatitis
- 35) “**Right to Forest**” was implemented in -
- 2007
 - 2008
 - 2009
 - 2001
- 36) **Polio** affects the –
- Limbs
 - Heart
 - Intestine
 - Eyes
- 37) What do you call **processing of waste produce** into something useful ?
- Recycling
 - Reusing
 - Repairing
 - Refusing
- 38) Which **instrument** is used to detect EARTHQUAKE ?
- Radiometer
 - Barometer
 - Seismograph
 - Thermometer
- 39) While climbing up a hill Amit started panting. His _____ **system** has to make extra efforts to help him climb up.
- Reproductive
 - Respiratory
 - Digestive
 - Excretory

- 40) The given are sleeping periods of some animals. Each part represents 2 hours time in the circle. Darkened area represents the sleeping time. What are the sleeping periods of the given animals ?



Sleeping time of sloth=18 hours



- | | | | |
|-------------|----------|----------|----------|
| a) 5 hours | 12 hours | 8 hours | 12 hours |
| b) 4 hours | 9 hours | 2 hours | 16 hours |
| c) 10 hours | 18 hours | 18 hours | 18 hours |
| d) 4 hours | 18 hours | 2 hours | 12 hours |

- 41) **Kalbélia** dance has movements similar to the dance of -

- Peacock
- Monkey
- Ostrich
- Snake

- 42) **Bachendri Pal** is -

- Indian mountaineer
- First Indian woman to reach the peak of Mount Everest
- Fifth woman in the world to reach the peak of Mount Everest
- All of the above

- 43) What is **rebo** ?

- Animal Shelter
- Bird Shelter
- Shelter for Changpas
- None of the above

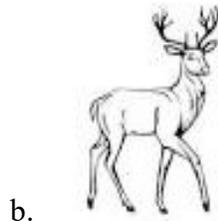
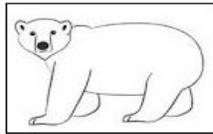
44) **Undhiya** (the vegetable dish) is from which state ?

- a. Rajasthan
- b. Mumbai
- c. Gujarat
- d. Bihar

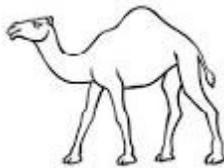
45) Seeds of coconut plant are **dispersed** by –

- a. Wind
- b. Water
- c. Animals
- d. Bursting

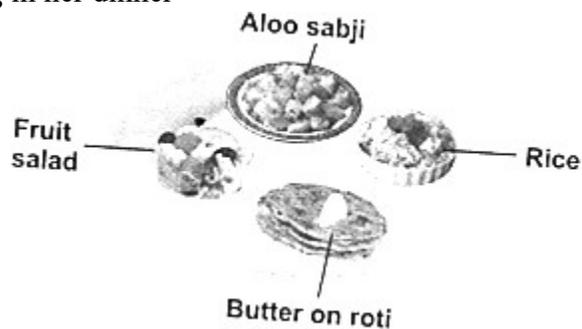
46) Select the animal that is found in the **similar habitat** as the animal shown here.



d.



47) Ritu's mother called her for dinner. She prepared her thali as shown in the figure. Which **essential nutrient** is **missing** in her dinner



- a. Proteins
- b. Carbohydrates
- c. Fats
- d. Vitamins

48) This game originated in Tamil Nadu over 4000 years ago. It is a team sport and the **National Sport** of Bangladesh.

- a. Kho - Kho
- b. Kabaddi
- c. Hockey
- d. None

49) Amongst the following which is the **renewable** source of energy ?

- a. LPG
- b. Petrol
- c. Wind
- d. Diesel

50) It is a fleshy, muscular organ in the mouth which helps us to taste food -

- a. Teeth
- b. Tongue
- c. Gums
- d. Lips

Read the following passage and choose the correct answer.

- **Sunita's experiences of living in space!**

We could not sit at one place. We kept floating in the spaceship from one end to another. Water too doesn't stay at one place. It floats around as blobs. To wash our face or hands we had to catch these blobs and wet paper with them. We ate very differently there. The real fun was when all of us would float into the dining area of the spaceship and catches the floating food packets! In space there was no need to use a comb. My hair kept standing all the time! Not being able to walk, we had to get used to floating around. We had to learn to do simple things differently. To stay at one place, we had to strap ourselves there. Papers also had to be stuck to the wall of the spaceship. It was a lot of fun living in space but it was also difficult.

Q1. Why was Sunita William floating in space ship?

- a) There wasn't chair available for seating.
- b) She wearing space suit.
- c) There was not gravity.
- d) She was travelling in the space.

Q2. A. In space- there was no need to use a comb

B. Sunita William`s hair kept standing all the time

- a) Option 'A' is correct
- b) Option 'B' is correct
- c) Option 'A' and 'B' both are correct
- d) Option 'A' and 'B' both are wrong.

Q.3 'In space water doesn't stay at one place' because-

- a) Water floats around as blobs
- b) Water has no weight due to gravity
- c) Water has no weight
- d) They had no vessels.

Q4. A) To stay at one place in space, they had to strap themselves.

B) To stay at one place in space, they had to sit on a chair..

- a) Option 'A' is correct
- b) Option 'B' is correct
- c) Option 'A' and 'B' both are correct
- d) Option 'A' and 'B' both are wrong.

Q.5 Sunita's experiences of living in space are-

- a) She was floating in space from one end to another.
- b) She ate very differently there.
- c) Her hair kept standing all the time.
- d) Papers were kept on the table neatly in pile.

- **Treasure from the earth**

It is not easy to find out where oil is, deep down below the earth. Scientists use special techniques and machines to find this out. Then through pipes and machines Crude Oil is pumped up. This oil is a smelly, thick, dark coloured liquid. It contains many things mixed in it. To clean and separate these, it is sent to a refinery. Have you heard of a refinery?

It is from this 'petroleum' or oil that we get Kerosene, diesel, petrol, engine oil and fuel for aircrafts. Do you know that L.P.G. (cooking gas), wax, coulter and grease are also obtained from this? It is also used in making several other things like plastics and paints.

Q6. What is Crude oil?

- a) It is a smelly, thick, dark colored liquid.
- b) It is a smelly, thick, dark colored solid.
- c) It is a smelly, thick, dark colored gas.
- d) All of the above.

Q7. What is refinery?

- a) Refinery is a place where we find Crude oil.
- b) Refinery is a place where different constituents are separated from Crude oil
- c) Refinery is the other name for Crude oil.
- d) Refinery is a place where Crude oil is pumped out.

Q8. What are the different components of Crude oil?

- a) Plastics and Paints
- b) Diesel and Petrol
- c) Coulter and Grease
- d) All of the above.

Q9. Why should we save petrol?

- a) It is not easy to find out where oil is deep down the Earth.
- b) We have limited sources of Petroleum
- c) We don't have enough pumps and machines
- d) We have no refineries in our country.

Q10. Rate of petrol increases day by day because-

- a) We have limited sources of petroleum.
- b) We cannot save Petrol.
- c) There are too many vehicles on the road.
- d) All of the above.

- Dr. Suresh has two patients –Rashmi and Kailas. Dr. Suresh talked to them to find out more about them. Read what the doctor found.

<p><u>Rashmi, 5 years</u></p> <p>She looks about 3 years old. She has very thin arms and legs and a pot belly (stomach like a balloon) She often falls sick. Food: She is lucky if she can get a little rice or one roti to eat in the whole day.</p>	<p><u>Kailash, 7 years</u></p> <p>He looks older than his age. His body is fat and flabby. He has pain in his legs. He is not very active. He goes to school by bus and spends many hours watching TV. Food: He does not like to eat home-cooked food like dal-rice, vegetables and roti. The only thing he finds tasty are chips, burger, pizzas and soft drinks from the market.</p>
---	--

Q11. Why do you think Rashmi could not eat even one roti in the whole day?

- a) She does not like roti.
- b) She eats only rice.
- c) Her family is poor
- d) She is a bad girl.

Q12. Why is Kailash's body fat and flabby?

- a) He does not play.
- b) He watches only TV.
- c) He eats only fast food
- d) All of the above.

Q13. What do you understand by 'proper food' ?

- a) Proper food means homemade food.
- b) Fast food is proper food.
- c) Only dal- rice is proper food
- d) Proper food means food which consists of all the balanced nutrients.

Q14. Why does Rashmi always feel tired and cannot go to school regularly? Because ____

- a) She has no time to eat.
- b) She is not given proper balanced food.
- c) She is Aneamic.
- d) None.

Q15. We can understand that Kailash is-

- a) Obese
- b) Aneamic
- c) Lazy
- d) Playful

- Read the following news and answer the questions-

<p><u>CLINICAL PATHOLOGY</u> <u>REPORT</u> <u>Central Govt. Health Scheme</u></p> <p>Date: 20/06/2019</p> <p>Name : <u>Geeta</u> Age : <u>13</u> Sex : <u>Female</u></p> <p>*Diagnosis : <u>Anaemia</u></p> <p>Hemoglobin : 8 gm/dl Normal Range: 12 to 16gm/dl Pathologist</p>	<p><u>CLINICAL PATHOLOGY</u> <u>REPORT</u> <u>Central Govt. Health Scheme</u></p> <p>Date: 20/09/2019</p> <p>Name : <u>Geeta</u> Age : <u>13</u> Sex : <u>Female</u></p> <p>*Diagnosis : <u>Anaemia</u></p> <p>Hemoglobin : 10.5 gm/dl Normal Range: 12 to 16gm/dl</p>
--	---

Observe the blood report given below and answer questions.

Q16. What is minimum required hemoglobin in blood?

- a) 8 gm/dl
- b) 10.5 gm/dl
- c) 12 to 16 gm/dl
- d) 16 to 25 gm/dl

Q17. How much did Geeta's hemoglobin go up and how long did it take for that?

- a) 8 gm/dl - three months
- b) 10.5 gm/dl - three months
- c) 2.5gm/dl - three months
- d) 2.5gm/dl - two months

Q18. What does blood report say about the problems caused by anaemia?

- A) Low level of hemoglobin
- B) low level of Vitamin D
- c) Option 'A' and 'B' are correct
- d) Option 'A' and 'B' are Wrong

Q19. What was Geeta diagnosed for?

- a) Geeta was Anaemic.
- b) Geeta has low level of Hemoglobin
- c) Geeta has low level of Iron
- d) Geeta has low level of Vitamin C

Q20. What is Anaemia?

- a) Low level of nutrients
- b) Low level of Iron
- c) Low level of Hemoglobin
- d) None.

- **Living and non- Living Things**

The world is made up of many different things. Some of the things are living and others are non-living. A dog, swing set, car, tree, flowers, and a book are some of the things that make up the world.

There are two kinds of things in the world. One kind is called living things. **Living things** eat, breathe, grow, move, reproduce and have senses. The other kind is called non living things. **Non living things** do not eat, breathe, grow, move and reproduce. They do not have senses.

Q21. Which of the following is an example of a living thing?

- a) Worm
- b) House
- c) Baseball
- d) Car

Q22. A living thing eats, grow, moves, reproduces and has

- a) Size
- b) Water
- c) Senses
- d) Skin

Q23. A living thing does all of the following **EXCEPT**:

- a) Eats
- b) Grows
- c) Moves
- d) Lives forever

Q24. Which of the following is an example of a non-living thing?

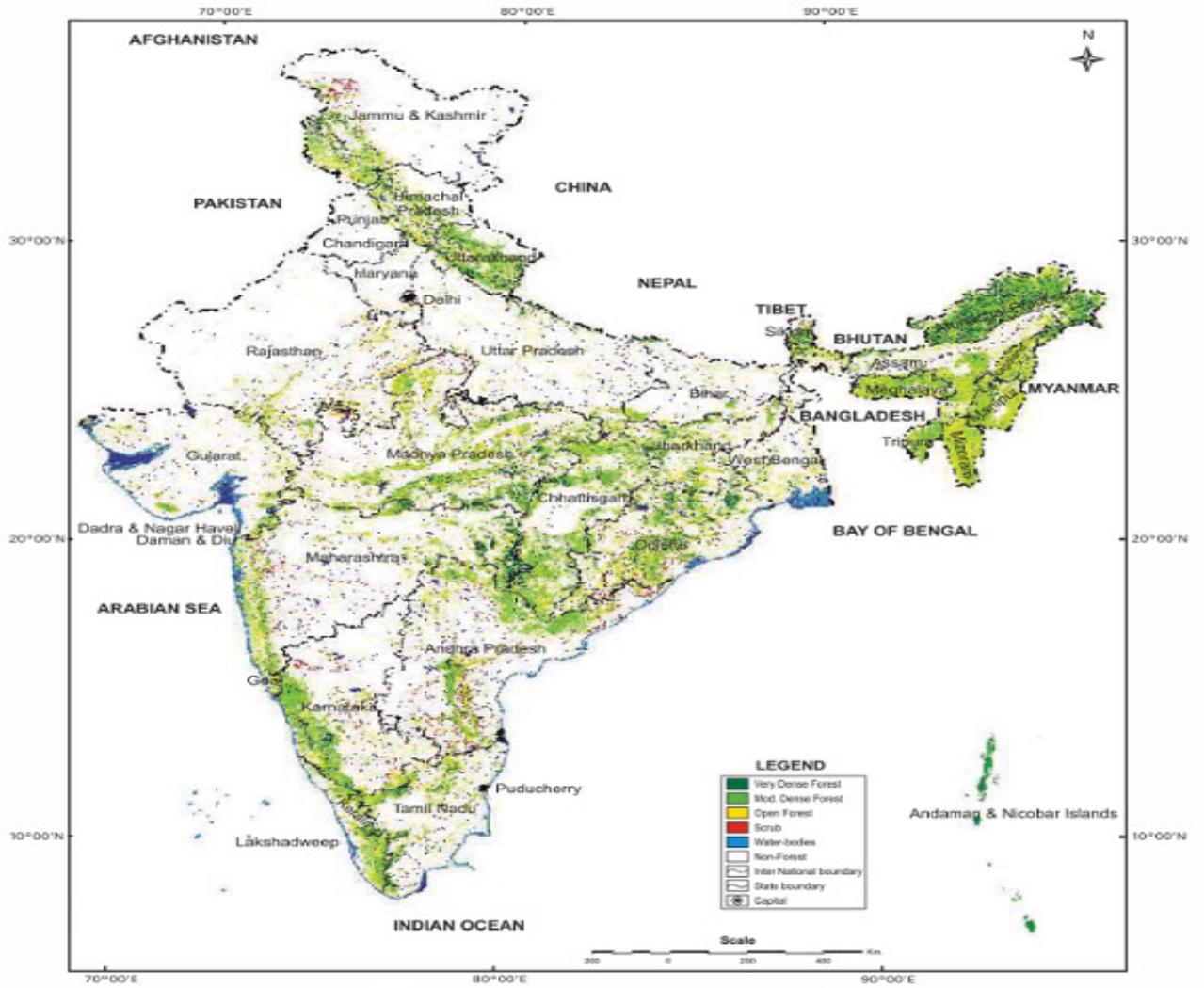
- a) Bird
- b) Ball
- c) Cat
- d) Dog

Q25. Which of the following best defines reproduction?

- a) To eat food to stay alive
- b) Breathing in air
- c) To move back and forth

d) To make one of its own kind

- Look at the map and answer the questions.



Forest Cover Map of India

Q26. Which state doesn't have thick forest?

- a) Assam
- b) Manipur
- c) Rajasthan
- d) Tripura

Q27. Which state has thick forest?

- a) Assam
- b) Manipur
- c) Rajasthan
- d) Tripura

Q28. Which state doesn't have forest at all?

- a) Haryana
- b) Andhra Pradesh
- c) Bihar
- d) Odisha

Q29. What does the blue color indicate in a map?

- a) Soil
- b) Water
- c) Minerals
- d) Forest

Q30. Gujarat has-

- a) Very dense forest
- b) Mild dense forest
- c) No forest
- d) Scarce forest

- **Snail**

A snail is a mollusk, an animal with a soft body usually covered with a coiled shell. It creeps along the ground using a strong, muscular organ called a foot. In fact, snail and slugs are known as gastropods, that means stomach foot. Sea snails are also harvested for the luminescent mother-of-pearl that coats the inside of their shells. The snail a delicacy in French cuisine called escargot. It is also fried and eaten in many other countries across the world. This species is considered an agricultural and garden pest as it eats the leaves and stems of crops.

Q31. Snail are called _____ a French delicacy.

- a) Escargot
- b) Mushroom
- c) Risotto
- d) None.

Q32. Snails eat leaves and stems of plants and are therefore _____

- a) Omnivorous
- b) Carnivorous
- c) Herbivorous
- d) None.

Q.33. A snail is a _____

- a) Crustacean
- b) Arachnid
- c) Mollusk
- d) None.

Q34. Snail and slugs are known as gastropods, which means ____

- a) Flat foot
- b) Stomach food
- c) Big foot
- d) None.

Q35. Harvesting of sea snail is done for the _____ in their shell.

- a) Stones
- b) Mother-of-Pearl
- c) Egg
- d) None.

- **Fruits and Vegetables**

Eating fruits and vegetables every day will help prevent diseases and gives a person a stronger body. They come in all shapes and sizes and add color to any meal. Many are portable also and can provide a quick snack or add to a lunch.

The fruits and vegetables contain **fibre** which is needed for good intestinal health. Some have more fiber than others. Apples, blackberries, pears, and raspberries are fruits especially high in fiber. Lentils, lima beans, pinto beans, and spinach are high-fiber vegetables. Some fruits and vegetables which have lower but still good amounts of fiber are bananas, blueberries, broccoli, green beans and sweet potatoes.

Fourth, fruits and vegetables are low in calories. A healthy plate should have one-half filled with fruits and vegetables. High-calorie foods cause weight gain.

Vitamin C keeps gums healthy and can heal wounds. **Vitamin A** keeps eyes and skin healthy and can help prevent infection. Magnesium is found in pinto beans and spinach. Potassium is a mineral found in Lima and small white beans.

Q36. Which of the following helps keep bones and teeth in good shape?

- a) Vitamin A
- b) Vitamin C
- c) Calcium
- d) Both b and c

Q37. Which of the following is especially high in fiber?

- a) Apples
- b) Bananas
- c) Blueberries
- d) Sweet potatoes

Q38. Vitamin A is helpful for?

- a) Eyes
- b) Gums
- c) Teeth
- d) Blood pressure

Q39. Which of the following is a correct statement?

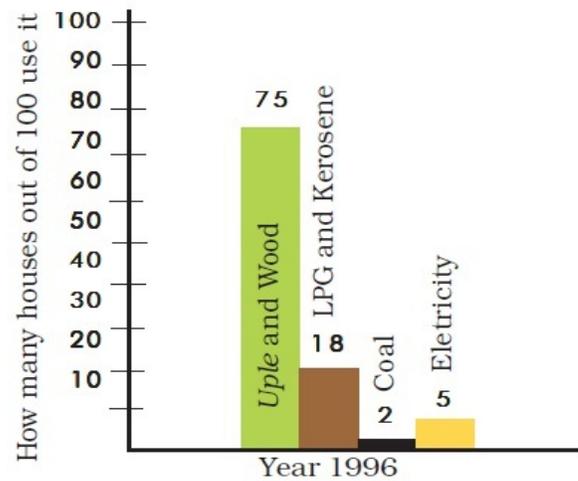
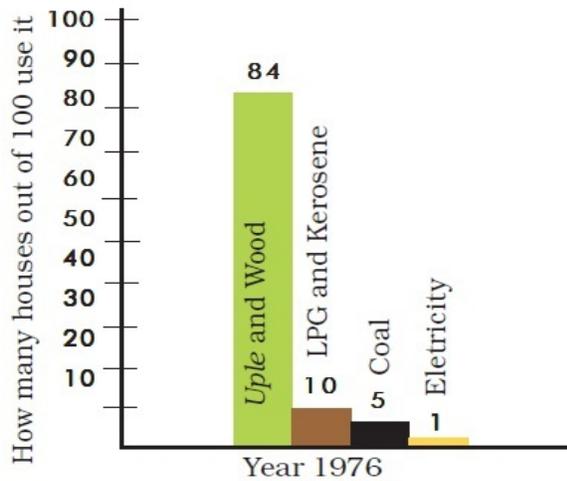
- a) Fruits and vegetables are low in calorie
- b) Canned fruits and vegetables are not as good for you as frozen.
- c) Frozen vegetables are less good for you than canned.
- d) None

Q40. Which of the following is a false statement?

- a) Fruits and vegetables come in many different colors.
- b) Fruits and vegetables are high in fiber.
- c) Fiber is necessary for good intestinal health.
- d) Eating fruits and vegetables cannot prevent disease.

- Suresh had seen a bar chart in a book. It shows the number of houses out of 100 that use each type of fuel. It also shows the use of which fuel has increased and which fuel has decreased over the past twenty years.

Change in fuel use over twenty years



Q41. In year 1976, out of 100 how many houses used uple and wood?

- 84 houses
- 80 houses
- 75 houses
- 90 houses

Q42. Which fuel was least used in the year 1976?

- Electricity
- Uple and wood
- coal
- LPG

Q43. In 1976, LPG and kerosene were used in _____ houses and in 1996 this increased to _____. This means that in twenty years their use increased by _____%.

- 12, 20, 95

b) 25, 26, 60,

c) 10, 18, 80

d) 10, 18, 100

Q44. Out of 100 how many houses were using electricity in 1996?

a) 4 houses

b) 5 houses

c) 7 houses

d) 10 houses

Q45. Which fuel was used the least in 1996? What percentage of houses used it in the year 1976?

a) 4 %

b) 5 %

c) 7%

d) 10 %

- There are four major domains of the Earth- Lithosphere, Atmosphere, Hydrosphere and Biosphere. The solid portion of the earth is called Lithosphere. The large land masses are known as continents. All continents lie in lithosphere. There are seven continents. Asia is the largest continent. Australia is the smallest continent. Australia is called an Island Continent. The part of the Earth which is covered with water is called Hydrosphere- The Pacific Ocean, The Atlantic ocean, The Indian Ocean, The Southern Ocean and Arctic Ocean .The Pacific Ocean is the largest ocean. The earth is surrounded by a layer of gases called the atmosphere. There are five layers in the atmosphere .Biosphere is the narrow zone of contact between the land water and air.

Q46. Which continent is called Island continent?

a) Asia

b) Europe

c) North America

d) Australia

Q47. Which Ocean is the largest ocean in the world ?

- a) Pacific Ocean
- b) Arctic Ocean
- c) The Indian Ocean
- d) The Atlantic Ocean

Q48. What do we call the layer of gases?

- a) Atmosphere
- b) Hydrosphere
- c) Biosphere
- d) None of the above

Q49. Which of the following is the narrow zone of contact between land, water and air?

- a) Atmosphere
- b) Hydrosphere
- c) Biosphere
- d) None of the above

Q50. What is the solid portion of the earth called-?

- a) Lithosphere
- b) Atmosphere
- c) Hydrosphere
- d) Biosphere

SECUNDERABAD CLUSTER PISA QUESTION PAPER FOR CLASS V

SCIENCE LITERACY

Read the following questions and choose the correct answer

1. If there is a slide in sunitas spacecraft ,would children slide down ? why?

- a. Yes, because slide has a sloping surface.
- b. Yes, because there is gravitational force.
- c. No , because spacecraft moves in sky.
- d. No, because there is no gravitational force.



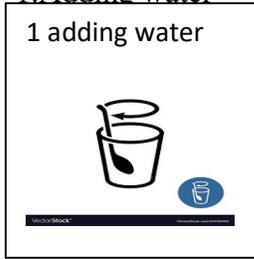
2. If a person is travelling from Gujarat to Assam, he moves from

- a.north to south
- b.east to west
- c.west to east
- d.south to north



3. Ram is trying to separate the mixture of iron filings sand and salt. In which order must he perform the following

1.Adding water



2.Filtering



3. Evaporating



4.Using magnet



a. 4,1,2,3

b. 1,2,4,3

c.1,3,4,2

d.4,2,3,1

4. Rakesh, a small boy lives in Mumbai.he finds his city over crowded with people and vehicles. here a family of 3 members have 4 vehicles .the smoke from these vehicles make the city polluted. He want to request the vehicle owners not make the city polluted. If you were in the place of Rakesh what suggestion would you give to the vehicle owners.

a. Sell all the vehicles

c. Not to use vehicles

b. Use public transport

d. Not to go out of the house

5.Seeds are kept in four different conditions as given below.In which of the below will the seeds grow first

a. Put in wet soil in the kitchen

c. Put in the wet soil in the refrigerator

b. Put in the dry soil in the kitchen

d. Put in the dry soil in the refrigerator

6.After a birthday party ,there was a lot of waste food collected in the dustbin suggest the best way to dispose it

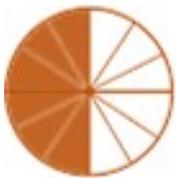
a. put it in roadside dustbin

c.throw it in the river

b. put it in compost pit

d.burnit outside

7. Sleeping times of some animals are given below. How many more times the horse sleeps than zebra?



Horse



Crocodile



Zebra

a) 3 times b) 6times c) 2 times d) 4times

19. Heena is class 5 student. One day her teacher called to inform her parents that she was dosing off in the class and not performing well in studies and games. She was looking pale. She asked her parents to take her to the doctor. Her blood test reports showed she was suffering from

- a) Malaria b) Diarrohea c)Filaria d) Anaemia

20.Light a small candle and allow it to burn for sometime. Now cover the burning candle with a glass jar so that the entire candle is covered fully from the ground. We will observe that after few seconds the candle is put off. This is because

- a) Due to heating of the jar the flame is put off
b) Due to cracking of the glass jar
c) Due to lack of supply of air.
d) Due to melting of wax.

21. Rahul lives in the hot climate area. He wants to paint his house with some dark colours, but painters suggest him for some light colours because: -

- (a)) light colours consist sunlight (b) light colours absorb sunlight
(c) light colours reflect sunlight (d) light colours do not absorb sunlight

22. Aarti's mother took Aarti to hospital for regular health check-up. Aarti's blood report shows that hemoglobin is low, so doctor suggests some food items.

Which of the following set might be suggested by the doctor?

- (a) aamla, cabbage, pizza, cauliflower (b) aamla, spinach, jaggery, dry fruits
(c) aamla, potato, tomato, sugar (d) potato, rice, cabbage, fruits

23 Ram's EVS teacher gave him a project work on birds. For completing this he observe birds, he finds that most of the birds often move their neck because-

- (a) In most of the birds, eyes are fixed and cannot move.
(b) Their ears are covered and they can fly.
(c) The birds have two eyes.
(d) Their eyes can focus on two different objects at a time.

24. When we eat rice chapatti we get a sweet taste after chewing them for sometime. What is the reason behind this?

- (a) This is because rice and chapatti are sweet in taste
- (b) This is because rice and chapatti contain proteins which are converted to sugars with the action of gastric juices.
- (c) This is because rice and chapatti are both white in colour.
- d) This is because rice and chapatti contain starch which is converted to sugars with the action of saliva

25. Match the following

List-I		List-II	
A	Refrigeration means	1.	when food is boiled to kill bacteria.
B	Canning is	2.	to take out water from the food item.
C	Dehydration is	3.	to keep the products in a refrigerator.

- (a) 2, 3, 1 (b) 3, 1, 2 (c) 1, 2, 3 (d) 3, 2, 1

26. Jamuna investigated the properties of matter X she noted down the following observations in her notebook

It has mass.
It occupies space.
It can be compressed.
It takes the shape of the container that holds it.

Identify X

- (a) Air (b) Honey (c) Pebble (d) Milk

27. Riya lives in an area, which is in very poor & unacceptable condition and water supply is very poor. They have no choice beyond this to drink contaminated water a lot of times. Day by day she noticed that she has got ill and got skin rashes, abdominal pain vomiting. What can be the strongest reason behind this?

- (a) poor sanitation
- (b) consumption of contaminated water.
- (c) contact with odor.
- (d) contact with contaminated soil

28 . Raju and his friends are given the choice of eating in plastic plates or a banana leaf platter at a party. Raju and his friends think for a while and decided to prefer banana leaf, why?

- (a) It will be carried easily.
- (b) It can hold big amount of food.
- (c) Bio-degradable disposable easily.
- (d) Non Bio-degradable. It will not dispose easily.

29. If we put honey and vegetable oil in water, what will be the position of honey, water and vegetable oil?

- a. Bottom layer honey, then vegetable oil and then water
- b. Bottom layer water, then honey and then vegetable oil
- c. Bottom layer honey, then water and then vegetable oil
- d. Bottom layer vegetable oil, then water and then honey

30. Air conditioners (A.C) are placed on the top of the wall because

- a. Easy to arrange on the top of the wall.
- b. Easy to operate using remote
- c. Cold air is heavy and comes down which makes room cold
- d. Cold air is light and spreads easily.

31. For a special dinner, Ann's mother lit some candles in the living room decoration. What two forms of energy does the fire from a burning candle release?



for

- a. Sound and chemical
- b. Light and sound
- c. Electrical and heat
- d. Light and Heat

32. Meera knows that Earth rotates on its axis. What evidence indicates that Earth is rotating on its axis?

- a. There is a day and night.
- b. There are four phases of Moon.
- c. There are 365 days in each year.
- d. There are different seasons in a year.

33. Look at the picture carefully and answer the questions given below

Why do the trees look that way?

- a. The trees are dying
- b. They are blooming
- c. The trees are without leaves
- d. A storm covered them with ice and snow



41. The Earth rotates around the Sun and on its own axis, yet the water from the seas and oceans does not spill. The reason is

- a) Due to earth's gravitational force
- b) Due to magnetic force
- c) Due to tidal force
- d) Due to hydro electric force



42. The Golconda Fort in Hyderabad is built on a huge rocky mountain. Similarly most forts are built on high land forms. What could be the reason?

- a) It is safe there
- b) It is easy to see enemies from far off
- c) To get cool breeze
- d) To see the beautiful view of the city

43. Meera lives in a farmhouse. Her house is energy efficient. What is that they are using for cooking and to light up their house?

- a) They use bio gas
- b) They use LPG
- c) They use CNG
- d) Solar energy

44. The Hindu News paper brought out a special edition on Natural disasters. Which of the following options were not listed in it?

- a) Tornado.
- b) Hurricane.
- c) Car accident.
- d) Earthquake.

45. Rajan has a paddy field , his field was attacked by insects and a variety of pests. What is the best way to get rid of the pests?

- a) Use a good organic fertilizer
- b) Use chemical pesticide
- c) Use a good chemical fertilizer.
- d) Use organic pesticides.

46. Vinay loves his beautiful village. He always liked to spend time on the river banks and listening to the music of the birds .Now his family was asked to move to a new place by the Government. When does the government ask people to move from their place?

- a) When they take up some developmental programmes.
- b) When they want to reduce population in that place
- c) When they want to construct new buildings
- d) When they construct a road

47. During the routine health checkup in school the girl’s heart beat was recorded normal at 72 times per minute. The boys who joined after playing basket ball recorded a higher heart beat. The reason was

- a) Males have higher heartbeat than females
- b) Heart beat increases during and after physical activity.
- c) The boys were stronger.
- d) Girls were weak

48. Which of the following statements are not correct?

- a) Malaria is caused by female anopheles mosquito
- b) It occurs more in areas where marshy ponds or puddles
- c) The word ‘Malaria’ means bad air
- d) Deficiency of haemoglobin leads to Malaria



with stagnant water

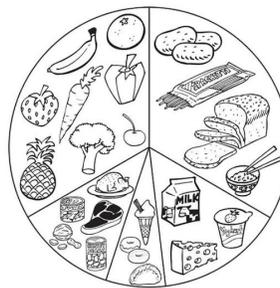
- a) A ,B and C b) A ,C and D c) B ,C and D d) Only D is not correct.

49. This animal has a scaly body and webbed feet. Its sense of smell is highly developed. It spends most of its time submerged in water but lays its eggs on land. Which animal it this?

- a) Sea horse b) Crocodile c) Water snake d) Seal

50. The pie chart shows a balanced diet. Raju eats dal, rice and potatoes daily. What more should he include in his diet to make it a balanced diet.

Carbohydrates



Vitamin Vitamins and

Proteins Fats

- a) Fats and proteins b) Fruits and carbohydrates c) Carbohydrates and proteins d) Fats and vitamins

1. We asked – Was it easy to make a beginning? Afsana – My mother works in the flats and sends us to school. I also help her. When I told her about my plans to play basketball, Ammi got angry. She said, “Girls do not play basketball.”

Why do you think, are girls generally not allowed to play fairly like boys?

- a) Girls are weak and not fit play games.
- b) Girls waste their time in chitchatting/talking.
- c) Girls are more interested in makeup and fashions.
- d) Parents fear for the safety of their daughters.

2. Question no. (2) to (4) to be solved on the basis of given below paragraph. We said – Tell us more about our team.

Afreen – After playing in Sholapur we realized what was special about our team. Cooperation between us is our strength. We understand and support each other well.

Which is the most important requirement for winning while playing in a team?

- a) Lots of money and good equipment.
 - b) All players should be from the same religion.
 - c) Playing for the team and not for oneself.
 - d) Having nutritious food.
3. By what quality players are generally recognized:
- a) By their cost .
 - b) By the amount of money they have or make.
 - c) By their style and fashion.
 - d) By their talent and ability to play.
4. What should be the qualities in a team leader?
- a) Concerned about each player.
 - b) Assign blame on others.
 - c) Considers the suggestions given by other players.
 - d) Not listening to other players.

5. Read conversation between those children and answer the questions no. (5) to (7). Aman – Hey, today Nitu has brought potato sabzi.

Nitu – Wow! Aman’s lunch box has sweet puries. Preeti- I have got bhindi.

Aman- Oh! Nitu, I think your potato sabzi is spoilt.

Preeti- Don’t eat that. You may fall sick. Here, you take some bhindi.

How do you come to know that the food has got spoilt?

- a) By its colour
 - b) By its taste
 - c) By its smell
 - d) (b) and (c)
6. In which season do food items get spoiled faster? Why?
- a) During Summer season
 - b) During Winter season
 - c) During Rainy season
 - d) (a) and (c) both
7. Food got spoiled due to many reasons. Which are the correct options?
- (i) Air (ii) Moisture (iii) Drying (iv) Temperature
- (v) Boiling (vi) Micro organisms (vii) Cooking
- a) (i), (ii), (iii) and (iv)
 - b) (i), (ii), (iv) and (v)
 - c) (i), (ii), (iv) and (vi)

d) (i), (iii), (iv) and (vii)

8. Read the passage and answer the following questions:

Aman's Biji went to the market to buy bread. The shop was crowded. The shopkeeper picked up a packet of bread and gave it to Biji. She looked at it and returned immediately.

Before buying anything from market/shop, what do you look for on the packet.

- a) Brand name
- b) Cost
- c) Picture on packet
- d) Date of manufacture and expiry

9. When we put objects into water, some float while some sink. Heavy objects sink into and light objects float. Raju put a nail, a piece of paper, a piece of sponge and a marble into the water tub.

Which these sink ?

- a) nail and paper
- b) nail and sponge
- c) paper and spong
- d) nail and marble

10. Things which dissolve and mix easily are called soluble things. The things which do not dissolve are called insoluble things. Ravi put some salt and sand in bucket of water and oil.

Which of there soluble combination?

- a) salt and water
- b) salt and oil
- c) sand and water
- d) sand and oil

11. Ramu had 4 shirts he washed and dried them on different places one in the bathroom, one in the shade, one another a fan, one in hot sunlight.

Which of these dry fast?

- a) shirt in bathroom
- b) shirt in shade
- c) shirt under the fan
- d) shirt in sunlight

12. Ram has planted 'chana' seeds. He gave water for only one day then he went to his grandma's house for vacation. After coming back he saw a plant there. He was surprised to see the plant because nobody gave water to that plant.

Where does the food come from when the seed has not grown its leaves ?

- a) From other trees

- b) From air
- c) Seed uses its stored food
- d) From soil

13. On plantation day , a group of students planted some seeds . Priya was one of them , she planted 'Rajma' seed . she planted it very deep in the soil . she gave water , manure etc. to the soil .

Seeds sown very deep in the soil fail to germinate because they

- a) Cannot exert enough force to push the soil upward
- b) Do not get enough sunlight
- c) Get too much water
- d) Do not get enough oxygen

14. Priya is fond of gardening. She has an apple tree in the courtyard. Some apple fell down from the tree. She went to abroad. When she come back she saw there was 4 apple trees. She was surprised.

Does gravity play any role in dispersing the seeds? how ?

- a) Yes , Due to gravity the fruit fall on the ground
- b) No , only air can disperse the seeds
- c) both (a) and (b)
- d) none of them

15. Ruchi and Ravi are twins. (Brother and Sister) studying in the same class. Both are good in athletes and other games. One week a sports camp is being organised at out of town . Parents of this student allowed only Ravi to go for the camp.

Why do you think, girls are generally not allowed to play freely like boys ?

- a) Girls are weak and not fit to play games
- b) Girls waste their time in chitchatting
- c) Girls are more interested in makeup and fashion
- d) Parents fear for the safety of their daughter.

16. One day, Sohan went to a market. he purchased few guavas . When he bite a piece of guava , it was hard and taste little bitter . After chewing for some time , it become soft and tastes sweet.

After chewing for some time, why the guava's tastes become sweet?

- a) Because guava is sweet in nature
- b) Because saliva in the mouth gets mixed with guava
- c) Because teeth secretes sweet enzymes
- d) Sohan has already eaten sugarcane

17. Priya was playing hockey with her friends in the playground. Suddenly she had vomiting and started feeling very low. Her teacher gave her glucose to drink .

Why the teacher has given Priya , glucose to drink ?

- a) To change the taste of her mouth
- b) Because glucose gives energy

- c) To replenish the loss in her body (yes)
- d) Both (a) and (b)

18. Ankur is celebrating his birthday. His mother cooked his favourite dishes. Ankur has cold. He starts eating food but he cannot taste the food properly.

Why Ankur is not able to taste the food properly?

- a) He was not eating very fast
- b) Food was not cooked properly
- c) Because sense of smell does not work (yes)
- d) saliva is not getting mixed with the food

19. Read the passage and answer the questions no. from (19) to (21).

Anita a class 5 was absent for two weeks. She brought medical report that she suffered malaria and she is anemic.

The reason for anemia after malaria is

- a) malaria parasite destroys blood
- b) malaria parasite eats blood
- c) malaria parasite is good for blood
- d) malaria parasite sticks to blood

20. Anitha is anemic. So she should take foods rich in
- a) vitamins
 - b) minerals
 - c) iron
 - d) fats

21. Symptoms of anaemia in Anitha
- a) weak and sick
 - b) does not grow well
 - c) effects her ability to study
 - d) all of the above

22. Read the passage and answer the questions no. from (22) to (24).

According to the government figures, 1,50,000 farmers committed suicide between 1997 and 2005 due to failure of crop and not being able to repay loans

The reason for crop failure is

- a) untimely rains
 - b) non availability of good seeds
 - c) non availability of pesticides
 - d) all of the above
23. Suicides amongst the farmers can be stopped by-
- a) educating farmers
 - b) supplying good seeds
 - c) regular advice by research stations
 - d) by supply of water through canals
24. farming can be profitable if taken up by:
- a) advice of research centers
 - b) land pooling
 - c) community farming
 - d) when the farmers are educated

25. Snakes do not have external ears. They cannot hear high frequency sound. But they are not deaf. They can feel.

How does the snake recognize his enemy?

- a) By ear
- b) By eyes
- c) By skin
- d) By tongue

26. Snakes live on the ground, in trees and in water but cannot survive in place where ground frozen year around.

Why donot snakes found in Antartica, Iceland, Irland and Newzeland?

- a) Snakes are cold blooded
- b) Snakes are warm blooded
- c) Snakes are carnivorous
- d) Snakes are herbivorous.

27. When there is a drought crops die, leading to shortage of food. Shortage of food leads to famine. During famine people do not get enough food to eat for a long time.

What will be the situation in the drought area?

- A. No water
- B. Peoples are very thin due to scarcity of food
- C. Thick forest
- D. Very hot condition

Choose the correct option.

- a) (A) and (B)
- b) (A), (B) and (C)
- c) (A), (B) and (D)
- d) All of the above

28. Tea drinking started in China in about AD 350. Then it spread to Japan. Tea was firs brought to India by the British. Tea is cultivated in the north-eastern region of India, especially in Assam and Darjeeling. Darjeeling is one of the hill stations of India.

What type of climatic condition is needed to cultivate the tea?

- a) Heavy rainfall
- b) Heavy rainfall and moisture in the atmosphere
- c) Heavy rainfall, moisture in the atmosphere and cold weather
- d) Heavy rainfall, moisture in the atmosphere, cold weather and hot temperature

29. Each year the United Nations Organisation promotes 22 March as “World Water Day” to remind all of us about how important it is to protect precious fresh water. We must save each and every drops of water.

If an earthquake occurs, which of the following you should not do?

- b) If you are indoors, stay in and get under a desk or a table.
- c) If you are outdoors, stay away from trees and buildings.
- d) If you are on a beach, get into the sea.
- e) All of these

30. Read the passage and answer the questions no. from (30) to (31).

Rahul was vomiting again and again after attending his friend's birthday party. He was feeling weak. You went to his house to collect your notebook and his mother told you about Rahul's condition.

What will you suggest her mom?

- a) Don't give Rahul any Fried food or spicy food.
- b) Give him glucose so that his body gets energy.
- c) Give him freshly cooked light food.
- d) All of these

31. It has been observed that the process of digestion is faster inside the stomach than outside because

- a) the digestive juices when kept outside the stomach become inactive
- b) the food is churned in the stomach thereby increasing the surface area for quicker enzyme action
- c) the digestive juices inside the stomach are acidic, while 'outside they are alkaline
- d) the amount of digestive juices produced in the stomach in the presence of food is much more.

32. Saving electricity is the need of the hour. We can save electricity by

- a) Minimal use room heater during winter makes room warm.
- b) Playing low sound music.
- c) Using LED bulbs.
- d) Switched off the lights and fan even when someone there is in the room.

33. Durga cannot use anything else instead of wood and cow dung cakes as fuel. Once she collected dry wood and also made cow dung cakes during my visit to my relatives, who live in a very small village. To make cow dung cakes, hay is mixed with cow dung which is then moulded into a shape with its bottom being flat and upper part

being round. These are then dried up in the sun to make them hard. Every family in the village makes these and use as fuel.

Why couldn't Durga use anything else except wood and cow dung cakes, as fuel?

- a) There was no cooking gas facility (LPG) in the village.
- b) She doesn't want to waste wood.
- c) She couldn't afford to buy gas
- d) She is skilled at making cow dung cakes.

34. In the past 20 years , more number of vehicles are released into the market . People using the cars has been increased. People prefer personal transport to commute. So, the roads are being congested.

What could be the reason for the congestion of the roads?

- a) No. of people using cars has been increased.
- b) Narrow roads.
- c) Personal transport is preferred by people instead of public transport.
- b) More vehicles released into the market every year.

35. Forests provide us wood, medicines, fresh air and many other materials. Forests cause rain, Keep the climate cold . Forests are the perfect habitat for many wild animals.

“If forests are not there, we too will not remain”. Why is it so?

- a) Forests maintain balance in the nature.
- b) They give us fresh air.

- c) They keep the climate cold.
- d) They provide us wood.

36. Man carries out deforestation to provide space for building and farms. Some also cut down trees to provide wood for furniture and paper manufacturing.

Which of the following would possibly result from the above activities?

- 1) Top soil erosion may occur
 - 2) Some animals may become extinct
 - 3) There may arise a problem of global warming
 - 4) Some possible sources of natural drugs to cure diseases maybe lost.
- a) (1) and (2) only
 - b) (3) and (4) only
 - c) (1) , (2) , and (4) only
 - d) (1) , (2) and (4)

37. Ali study studied two groups of things as shown in the table below

Biodegradable	Non- biodegradable
Fruit Peel	Gold chain
Meat	Polybag
Dairy products	Aluminium can

He made the following inferences. Which one of the inferences is correct?

- a) All non-biodegradable objects hard.
 - b) all living things are non biodegradable
 - c) biodegradable objects come only from animals
 - d) most things obtained from living organisms are biodegradable .
38. Our solar system had nine planets. Pluto, the ninth planet is no more considered as apart of our solar system.
How many planets are there in our solar system?
- a) Eight
 - b) Nine
 - c) Ten
 - d) Seven

39. Ones upon a time plant materials got buried under the surface of the earth. Due to high temperature and pressure inside the earth the wood got converted into coal. Absence of air inside the Earth helped in coal formation. This process was slow and took thousands of years to convert wood into coal. Coal is called a fossil fuel.

Which is not a correct statement about the fossil fuel?

- a) It is formed under the earth.

- b) Fossil fuels are solid as well as liquid.
- c) It is formed from plants as well as animals.
- d) Fossil fuel is formed very early years that we are using.

40. A disaster is a sudden event that has very unfortunate consequences for those affected by it. Disaster cause large scale loss of life and property.

Which statements are correct?

- 1) Disasters are natural and manmade.
 - 2) It occurs suddenly.
 - 3) Heavy rain and earthquake are manmade disaster.
 - 4) Fire and tsunami are natural
- disaster a) (1), (2) and (3)
b) (2), (3) and (4)
c) (1) and (2)
d) Above all

41. After independence, the Govt. has taken many measures to provide people of low caste, good education and jobs. Laws have been made to protect their fundamental rights and nobody who treats them badly can be punished. Practice of untouchability is now a punishable offence.

What are the measures taken by the government for the upliftment of particular section of the society?

- 1) Reservation in jobs and education.
 - 2) Providing free and compulsory education.
 - 3) Punishment to lower caste society.
 - 4) Organising social and economic programmes for lower society.
- a) (1) and (2)
b) (2) and (3)
c) (1), (2) and (4)
d) (1), (3) and (4)

42. A team game involves a number of players in a team. A team in which each player is willing to give his best for his/her team mates is said to possess Team Spirit.

Why is team spirit important in a team game?

- a) It helps to win the game.
- b) It promotes competition among the players.
- c) It encourages each other
- d) It is team game.

43. Read the following paragraph and answer the given questions from (43) to (45).

We were getting ready for the camp. Each group presented a programme. We were enjoying telling jokes, laughing, singing and dancing around the camp- fire. Soon it was midnight. Brigadier Gyan Singh got up and called me. I thought oh, not what have I done this time? Besides mountaineering what are other activities that can be called adventurous? Choose the correct options

- a) Riding on high swing.
- b) Rock climbing.
- c) River rafting.
- d) Camp - firing.

44. 2) Why do you think a drain was dug around the tent?

- a) No wild animal could enter the tent.
- b) No insect/ Snake could enter the tent.
- c) No person could enter the tent.
- d) None of the above.

45. 3) " I thought oh! Not what have I done this time?" Express the feeling of author's.

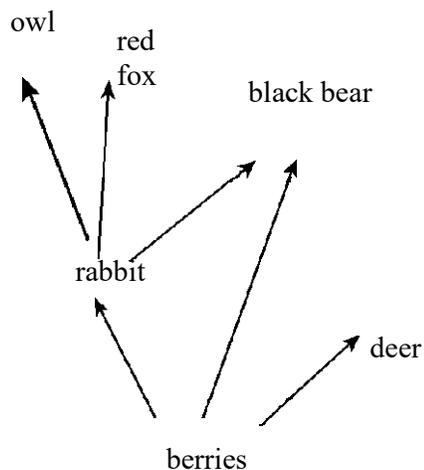
- a) Proud of getting award.
- b) Getting nervous of, did some mistakes.
- c) Being a team leader not done the challenging adventure.
- d) Not ready for the activity.

46. Rishi a small boy lives in Mumbai, he finds this city over crowded with people and vehicles. Here a family having 3 members have four vehicles .So many industries have make this city pollutant and congested. Rishi wants to request the vehicle owners, not to use their personal vehicles unnecessarily

.If you were in place of Rishi, what suggestion would you give to the vehicle owners .

- a) Use public transport as it will save fuel
- b) Use CNG fitted vehicles only as they are move eco-friendly as compared to vehicles run on petrol or diesel
- c) Sell all the vehicles
- d) Both (A) and (B)

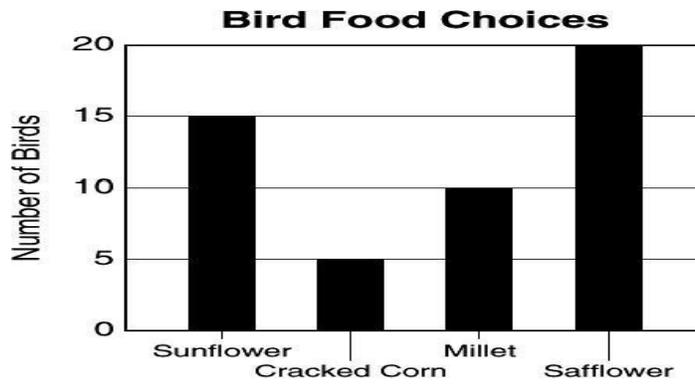
47. The diagram below shows a simple food web.



Which animal is classified as an omnivore?

- a) Red fox
- b) Deer
- c) Black bear
- d) Rabbit

48.



According to the graph, which combination of food would probably bring the most birds to the feeder?

- a) Sunflower seeds and cracked corn
- b) Cracked corn and millet
- c) Millet and safflower seeds
- d) Sunflower and safflower seeds

49. Roshani has very thin arms and legs and a pot belly. She could get a little bit of rice or roti to eat. Roshan is fat and flabby. The only things he finds tasty chips, burgers, pizza and soft drinks.

What would you suggest to Roshani and Roshan to eat for proper growth and development?

- a) They should take daily sufficient food
- b) They should take balance diet daily
- c) They should have one glass of milk daily
- d) They should go for exercise daily.

50. Shweta who is in fifth class, her mother uses cow-dung cakes and wood as a fuel to cook food. Every day Shweta sees that while cooking, her mother used to blow air in the chulah to make the fire burn better. Why she does so?

- a) Blowing air increases the availability of carbon dioxide to the fire.
- b) Blowing air increases the availability of oxygen to the fire.
- c) Because our breath is hot and it helps to burn better.
- d) All of the above.