Delhi Public School, Gandhinagar National Science Olympiad Paper (2024-25)		
Class III] Colonno	
Time:	Science	M. Marks:
Name:	Sec:	_ Roll No.:

General Instructions:

(i) All the questions are compulsory.

(ii) Answer the questions as per the instructions.

Tick the correct option.

- 1. Select the plant among the following in which roots store food.
 - a) Radishb) Potatoc) Cabbaged) Mango
- 2. What is the function of part P of a mango fruit?



- a) It gives sweet taste to the fruit.
- b) It helps in ripening of fruit.
- c) It gives rise to a new mango plant.
- d) None of these
- 3. Richa grouped these birds together as shown in the box. All these are ______ birds.

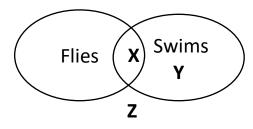


a) Swimming

d) Perching

b) Flying

- c) Flightless
- **4.** Refer to the given Venn diagram and select the option that is INCORRECT regarding birds X, Y and Z.



- a) Y can be penguin b) X can be crane
- c) Z can be ostrich d) There is no such bird as Z

5. ______ is a spice obtained from plant stem and _______ is a spice obtained from flower bud.

a) Clove, Fennel	b) Coriander, Chilli
c) Cinnamon, Fennel	d) Cinnamon, Clove

6. Which of the following methods of cooking are healthy for an obese person?i) Baking ii) Steaming iii) Boiling iv) Frying v) Roasting

a) 1,2, 4 only	b) 2, 4,5 only
c) 3,4,5 only	d) 1,2,3,5 only

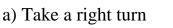
7. Select the correct statement about the clothes made of fibre obtained from the animal shown here.



- a) They do not trap air.c) They are waterproof.
- b) They keep us warm.d) They cannot be burnt.
- 8. Select the option in which INCORRECT odd member is encircled.

a) Nylon,	Polyster, Silk	b)Caravan, Houseboat, Bungalow
c) Cotton,	Silk, Nylon	d)Raincoat) Skirt, T-shirt

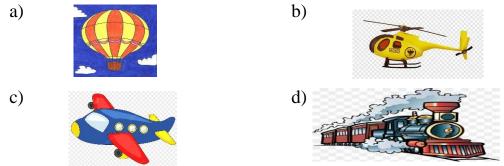
9. Aasha while driving sees the following road sign. She should______.





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c) Slow down
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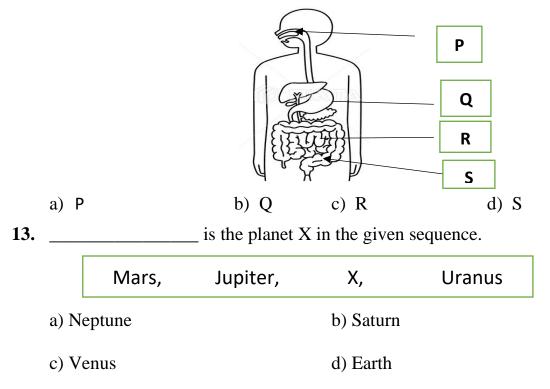
10. Select the odd one out, on the basis of mode of transport.



11. Ravi ran to open the door when his father rang the bell. She used her sense of

a) Hearing	b) Seeing
c) Touching	d)Tasting

12. The given figure shows the human digestive system. In which labelled part food is both masticated and partially digested?



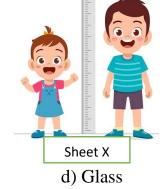
14. You are making a model of the Earth and the Moon to show their relative sizes. If you take volley ball as Earth, then _____ can be taken as the Moon.

- a) Soccer ball b) Table tennis ball d) Football
- c) Basket ball
- 15. Aditi has noted in her calendar, 15th November : Full Moon. Which shape of the Moon she most likely observe on 29th November?



16. Ravi and Shashi were standing as shown here. Ravi waved to Shashi and she smiled in reply. Sheet X can be made of

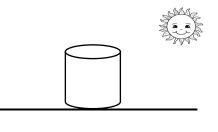
c) Rubber



17. Process X converts steam to water. Process X is a) Precipitation b) Condensation

b) Iron

- c) Melting d) Freezing
- 18. The object shown here, does not cast a shadow. It is most likely made of X material. X could be



a) Metal

a) Wood

c) Clear plastic sheet

b) Ceramic d) Frosted glass

19. X is a force that works in the opposite direction of movement of an object in contact with a surface. It is ______.

- a) Magneticb) Pushc) Pulld) Friction
- **20.** If (E) is evaporation, (C) is condensation and (P) is precipitation, the correct sequence of these processes in water cycle is ______.

a) E	С	Р	b) P	С	E
c) C	Е	Р	d) E	Р	С

21. Select the option which on unscrambling gives the name of dark coloured nutrient rich component of soil.

a) VRAEGL	b) MUUSH
c) ANSD	d) YLAC

22. We can have a protein rich diet if we increase the amount of ______ in our diet.



23. The stem juice of the plant shown here is used to make

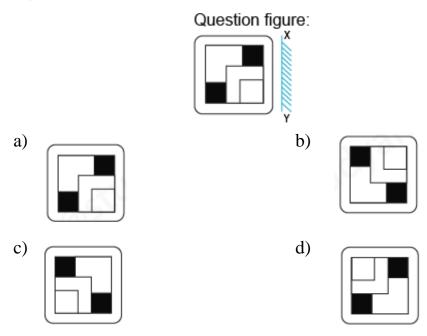


a) Rubber c) Sugar b) Gum d) Cooking oil

24. If stands for 40 people, then 7 will stand for _____ people.
a) 260
b) 250

u) 200	0) 230
c) 270	d) 280

25. Which of the answer figures is exactly the mirror image of the given question figure when the mirror is held at XY?



26. Look at the following figure and choose the correct option.



A) It is a Body feather of a bird

- C) It is a flight feather of a bird
- B) It is a down feather of a bird

D) None of these

- **27.** The function of hair inside our nose is:
 - A) to make it beautiful
 - B) to not to let dirt particles enter our lungs
 - C) to not to let too much air go inside
 - D) to keep our lungs cold
- **28.** Which one of the following sense organs enables us to hear?

A) Nose	B) Skin
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- C) Eyes D) Ears
- **29.** The reproductive system helps us to:
 - A) produce babies

B) circulate the blood in our body

C) digest the eaten food

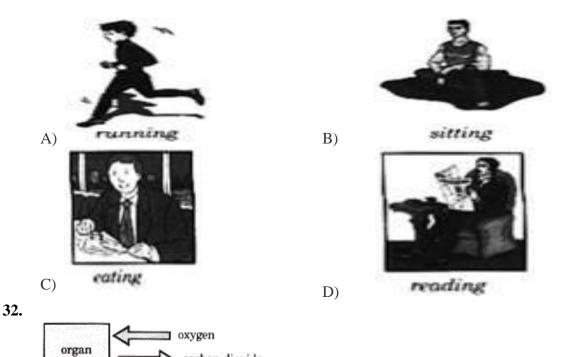
D) remove waste products from the body

30. Digested food is absorbed by: A) mouth C) water

B) heart D) blood

31. Heart beats faster when which of the following activity is performed?

carbon dioxide



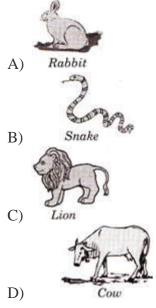
Above diagram represents an organ which taken in oxygen and gives out carbon dioxide. Name the organ.

- A) small intestine
- B) kidneys
- C) lungs
- D) stomach
- **33.** Identify the bird given below.

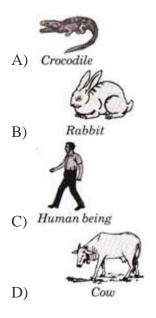


B) Kiwi

- C) Penguin D) Vulture
- **34.** Which of the following animals have gnawing teeth?

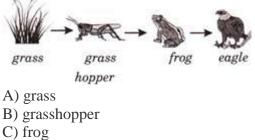


35. Which of the following animals does not have chewing teeth and swallow their food?

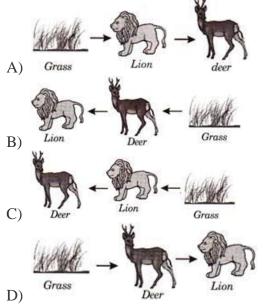


- **36.** Some animals first swallow the food without chewing it. After sometime, when they relax they bring this food back into their mouth from stomach. Then they chew it well very slowly. Such animals are called:
 - A) gnawing animals
 - B) cud chewing animals
 - C) blood sucking animals
 - D) flesh eating animals

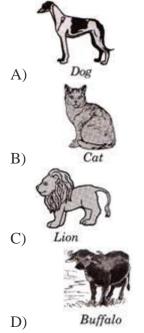
37. In the below diagram, the producer is:



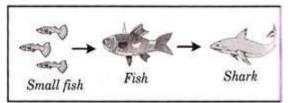
- D) eagle
- **38.** Which of the following is a CORRECT food chain?



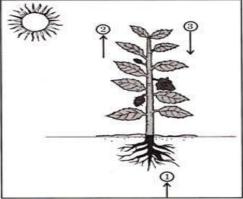
39. Anjali learned that the grass-eating animals have sharp front teeth to bite off plants and strong broad back teeth to chew their food. She also learned that some of them chew the cud. In which of the following animals is she likely to find sharp front teeth and strong broad back teeth?



- **40.** Which of the following sucks blood from other animals with the help of suckers?
 - A) Mushrooms
 - B) Leech
 - C) Butterflies
 - D) Spiders
- **41.** The long tongue of the butterfly is called:
 - A) gill
 - B) proboscis
 - C) stomata
 - D) sucker
- **42.** Which of the following is represented by the given figure?



- A) Life cycle of fish
- B) Life cycle of shark
- C) Food chain in the sea
- D) Growth of sea organisms
- **43.** Plants get carbon dioxide from the;
 - A) soil
 - B) sand
 - C) leaves
 - D) air
- **44.** The leaves of plants are green. The reason is:
 - A) they are born from green-coloured seeds
 - B) photosynthesis occurs in the leaves
 - C) the presence of a green pigment called chlorophyll
 - D) due to the presence of network of veins.
- **45.** After studying photosynthesis, Neelima drove the illustration of a plant shown below.



Arrow - 1 represents:

- A) release of water and minerals by the plant into soil
- B) release of carbon dioxide in to the soil
- C) absorption of water and minerals by the roots from the soil
- D) release of oxygen into the atmosphere

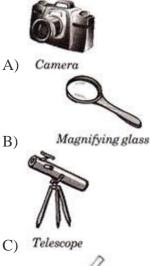


The mushroom shown above gets its food:

- A) from dead and decaying plants
- B) from photosynthesis
- C) by eating small insects which come near it
- D) from the water we pour near it

47. Which of the following is NOT needed for photosynthesis?

- A) Iodine solution
- B) Carbon dioxide
- C) Chlorophyll
- D) Water
- **48.** Which of the following is used to observe the cells of a leaf?



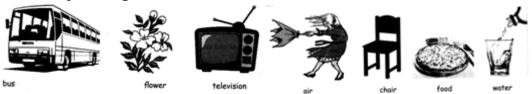


D) Microscope

49. Match the following and choose the correct option

		List I		List II		
A.	We all need food			Cannot move on its own.		
B.	A table in yo	our room	2.	To prepare their food.		
C.	C. Plants need sunlight, air and water		3.	To grow.		
A) A-	-3 B-1	C-2				
B) A-	2 B-3	C-1				
C) A-	1 B-2	C-3				
D) A-	-2 B-1	C-3				

50. Look at the pictures given below.



- Which of these things we need to stay alive.
- A) Chair, air and food
- B) Flower, food and air
- C) Television, air and food
- D) Air, water and food