 Delhi Public School, Gandhinagar Olympiad Mock Test Paper		
Class III	National Science Olympiad	Date:
Time: 1 hours		M. Marks: 35
Name: _____ Sec: _____ Roll No.: _____		

General Instructions:

- (i) All the questions are compulsory.
- (ii) Answer the questions as per the instructions.

Q.I **Tick the correct option.**

35x1=35

REASONING AND APTITUDE

1. Which of the following clocks shows the time 2 hrs 20 minutes after 9: 40 a.m.?

A.



B.



C.



D.



2. How many possible combinations of 1 lollipop and 1 ball can be formed from the given lollipops and balls?

BALLS



LOLLIPOPS



A. 12

B. 7

C. 9

D. 15

3. “ Electricity is related to ‘wire’ in the same way as ‘ water ‘ is related to

A. Bottle

B. Jug

C. River

D. Pipe

4. Here are some words translated from an artificial language.

Plekapaki means fruitcake

Pakishillen means cake walk

Treftalan means buttercup

Which word could mean cupcake?

A. Shillanalan

B. Treftpleka

C. pakitreft

D. alanpaki

5. What is missing from given pattern?

2W3, 159, 1Q7, ____, 1K1

A. 1P6

B. 1M3

C. 1R8

D. 159

SCIENCE

6. What can be the reason that a taxi driver has to be more careful when driving on a rainy day than driving on a hot summer day?

A. Gravitational force between taxi and road is higher
on a hot summer day

B. Frictional force between taxi and road is lower on a
rainy day.

C. Gravitational force between taxi and road is lower on a rainy day.

D. Frictional force between taxi and road is lower on a hot summer day.

7. Water droplets that are too heavy to float make

A. Fog

B. Clouds

C. Rain

D. Smoke

8. Which of these organ systems gives shape and support to our body and protects the important organs of the body such as lungs, brain, heart etc.,

A.



B.



C.



D.



9. The figures below show some plants. Which of the following plants is most firmly in the soil?

A.



B.



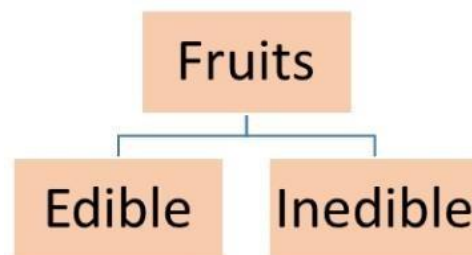
C.



D.



9. Look at the classification table shown. P and Q are correctly represented by _____.



P

Q

	P	Q
A.	Tomato	Chilly
B.	Mimosa	Dragon fruit

C.	Pineapple	Rubber
D.	Apple	Coconut

10. Renu's grandmother got seriously ill in the afternoon and needs to be taken to hospital immediately in such a situation. Which of the following modes should she most preferably use in order to communicate to her father who was in his office?

A. E-mail B. Letter C. Radio broadcast D. Phone call

11. The bird that lays its eggs in the nest of a crow is

A. Cuckoo B. Parrot C. woodpecker D. Pigeon

12. In a plant if all the leaves are removed then which of the following will be the most important effect on the plant?

A. It will not absorb water from atmosphere
 B. It will not make food and eventually the plant will die
 C. Nothing will happen as the job of leaves will be taken by stems and roots.
 D. Both (a) and (b)

13. What does the figure show?



A. Living things reproduce
 B. Living things grow

- C. Living things feels
- D. Living things need food to grow

14. A turtle uses its shell for _____

- A. Defence
- B. Rearing young one
- C. Storing food
- D. Movement

15. Water droplets that are too heavy to float make

- | | | | |
|--------|-----------|---------|----------|
| A. Fog | B. Clouds | C. Rain | D. Smoke |
|--------|-----------|---------|----------|

16. Rajat has noted in his calendar, 15th August: Full Moon. Which shape of the Moon would he most likely observe on 29th August?

A.



17. Mr. Ramesh bought a big water tank made of plastic. He chose plastic to other materials because it

- A. Does not rust
- B. Does not break easily
- C. Does not absorb water
- D. All of these

18. Precipitation is the process in which

- A. Water changes into its gaseous form
- B. Water vapour changes into its liquid form
- C. Water in the form of rain, hail or snow falls on Earth
- D. Water vapour rises up in the air

19. Select the option that correctly pairs means of personal and mass communication.

- A. Landline phone and letter
- B. Newspaper and Radio
- C. Magazine and Television

D. Cinema and Post card

20. Which among the following factors does NOT affect the weather of a place?

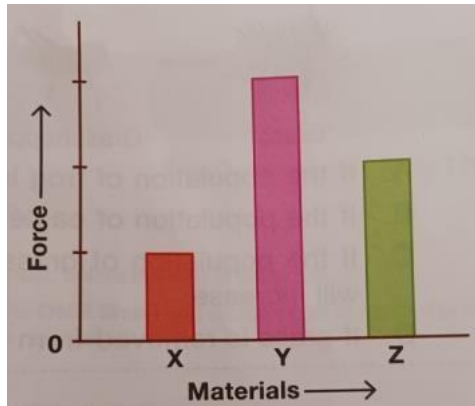
A. Sun

B. Rain

C. Clouds

D. Rocks

21. The amount of force required to make a hole in sheets made up of different materials X, Y and Z but of equal thickness is depicted in the given graph. Which among them is best suited to make the body of a pressure cooker?



A. X only

B. Y only

C. Z only

D. X and Z only

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

A. Magnetic

B. Push

C. Pull

D. Friction

23. Select the process in which a matter in a state with no fixed shape but with fixed volume changes to a state with both fixed shape and volume.

A. Condensation

B. Evaporation

C. Melting

D. Freezing

24. Which of the following is an Indian astronomer?

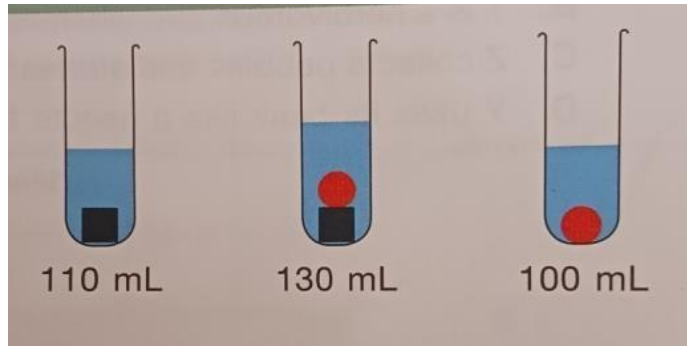
A. Aryabhata

B. Bhaskara I

C. Varahamihira

D. All of these

25. Sonam had a block and a marble. He placed them in different arrangements in the same test tube containing some water at different times and measured the total volume as shown here. What is the actual volume of the water?



A. 80 ml

B. 100 ml

C. 50 ml

D. 70 ml

26. Select the odd one out, on the basis of mode of transport.

A.



B.



C.



D.



27. Which of the following systems give shape to our body?

A. Digestive system

B. Respiratory system

C. Skeleton system

D. Nervous system

28. A shirt was hung on a mountain, another in a desert and third in a green garden with low intensity sunlight. Which of them will dry at last

A. One which is on a mountain

B. One which is in garden

C. One which is in desert

D. All will take equal time

29. If you burn your finger. What will you do?

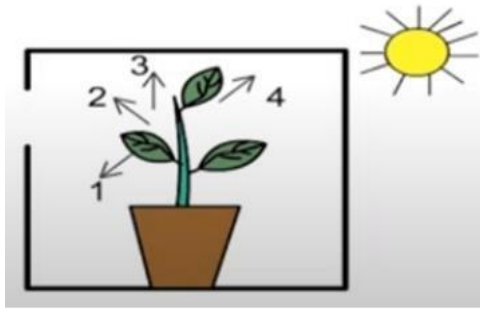
A. Apply any skin ointment

B. Keep the finger for 15 minutes under cold water

C. Go to the doctor for injection

D. Dip the finger in water tumbler and then put on the bandage

30. A plant is placed in a black box with a small opening as shown in the diagram. The black box is placed in a sunny place and the plants watered daily. In which direction (1, 2, 3 or 4) will the plant grow after a few days?



- A.1 B.2 C. 3 D. 4

31. Why is it easy to pull out plant I but it is difficult to pull out plant II?



- A. Plant I do not have stems but plant II do have stem
- B. Plant I is non – flowering plant while II is flowering plants
- C. Plant I is more harmful than plant II
- D. The roots of a tree hold it more firmly to the ground than the roots of weeds

32. Which of the following movements does not involve the use of joint?

- A. Nodding of head B. Blinking of eyes C. Bending of fingers D. Kneeling down

33. It is the month of December and it is very cold outside, mother asked Simran to wear her winter clothes, what must Simran wear _____

- I. Cotton dress
- II. Woolen sweater
- III. Silk scarf

A. Only I	B. Both I and II	C. All I,II and III	D. Only II
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34. Which of the following is not grouped correctly?
- A. Saucer, Cup and teapot
 - B. Pot, pan and wok
 - C. Textbook, notebook and writing pad
 - D. Bed sheet, blanket and leather handbag.
35. Which of these kinds of substances allow the least amount of light to pass through?
- A. Transparent
 - B. Translucent
 - C. Opaque
 - D. Glass