

Bloom School Olympiads

Bloom Science Olympiad (BSO)

Class 3rd

Question Paper 2022

Student Name _____

Mobile No.

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Total Questions : 35

Time : 60 min.

Instructions

1. Additional 10 min. will be given to students to fill up the student's information before the start of the exam.
2. All questions are compulsory and each question carries 1 mark. Use of calculator is not allowed.
3. Write and circle your Mobile Number and Subject clearly on the Answer sheet and do not forget to sign.
4. There is only one correct answer hence mark one choice only.
5. Darken your choice with HB Pencil or Blue/Black Ball Point Pen only.

For example

Indira Gandhi International Airport, is situated in which city?

- (a) New Delhi (b) Mumbai
(c) Chennai (d) Hyderabad

20: ☒ (a) ☐ (b) ☐ (c) ☐ (d)

As the correct answer is (a), the student should darken the circle corresponding to option (a)

6. Rough work should be done in the blank space provided in the booklet
7. Return the answer sheet to the exam in-charge teacher at the end of the exam.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO

Bloom Science Olympiad Class 3

1. Elliot took four identical plants *A*, *B*, *C* and *D* and removed a different part from each plant as shown in the table below.

Plant	Parts that were removed
<i>A</i>	All flowers
<i>B</i>	All leaves
<i>C</i>	All fruits
<i>D</i>	All roots

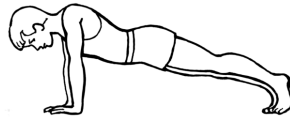
Which plant will die first?

- (a) Plant *A* (b) Plant *B*
(c) Plant *C* (d) Plant *D*
2. When water is transferred from a glass jar to a glass as shown in the given figure, its changes.



- (a) colour (b) mass
(c) weight (d) shape
3. Which of the postal vehicle carries letters and parcels from the post office to different places in the city?
- (a) postal car (b) postal ship
(c) postal van (d) postal scooter
4. Choose the correct option.
How can you say that an object is in motion?
- (a) If it does not change its position with respect to time.
(b) If it changes its position with respect to time.
(c) The object changes its shape.
(d) Some force is exerted on the object.
5. Cabbage which we eat as vegetable is a modified
- (a) leaf
(b) root
(c) stem
(d) seed

6. Children who exercise regularly need more amount of



- (a) proteins
- (b) carbohydrates
- (c) Both (a) and (b)
- (d) vitamins

7. Which of the following organs are parts of the digestive system?

- I. Stomach
- II. Small intestine
- III. Lungs
- IV. Blood

Codes

- (a) I and IV
- (b) II and IV
- (c) I and II
- (d) I, II and IV

8. Which one of the following symbols represents no parking?



9. The green leaves of plants make food.
They can do so when there is enough

- I. air
- II. sunlight
- III. water
- IV. soil

Choose the correct option.

- (a) None of these
- (b) All of these
- (c) I, II and III
- (d) I, II and IV

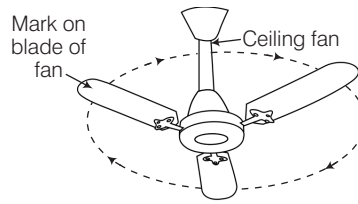
10. What are the three natural sources of water on the earth?

- (a) Rivers, dams and wells
- (b) Rivers, lakes and springs
- (c) Rainwater, tube wells and oceans
- (d) Spring canals and lakes

11. Name any two slow means of transport run by animals.

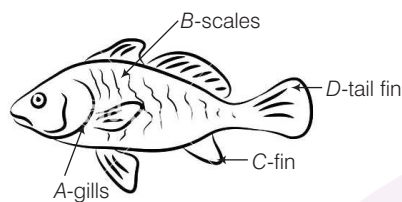
- (a) Horse, bullock cart
- (b) Rickshaw, tonga
- (c) Donkey, tonga
- (d) Bullock cart, donkey

12. A paint is marked on the blade of a ceiling fan. The ceiling fan is then switched ON.



What type of motion is described by the point marked on the blade?

- (a) Linear motion
 - (b) Periodic motion
 - (c) Circular motion
 - (d) None of these
13. The diagram below shows a fish and *A*, *B*, *C* and *D* are its body parts.



The following table relates the mentioned body parts to their functions. Which one of the following is incorrect?

	Body part	Function
(a)	<i>A</i>	Used for respiration
(b)	<i>B</i>	Lays eggs for reproduction
(c)	<i>C</i>	Helps to swim
(d)	<i>D</i>	Helps it to propel forward

14. Consider the following statements and choose the correct option.

Statement A People living in hilly areas build houses with sloping roofs.

Statement B Stilt houses are made ten to eleven feet above the ground.

- (a) Statement A is correct Statement B is incorrect.
 - (b) Statement B is correct Statement A is incorrect.
 - (c) Both the statements are correct.
 - (d) Both the statements are incorrect.
15. Which one of the following organs does the skull protects?



- (a) Ears
- (b) Nose
- (c) Eyes
- (d) Brain

16. What does this sign stand for?



- (a) Bridge ahead
(c) Railway crossing

- (b) River
(d) Road narrow

17. Match the following columns.

Column I		Column II	
A.	Leaves	1.	Protect seeds
B.	Roots	2.	Produce fruits
C.	Flowers	3.	Absorb mineral
D.	Fruit	4.	Food factory

Choose the correct option.

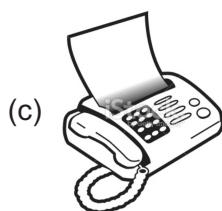
- A B C D
(a) 4 3 2 1
(c) 4 2 1 3

- A B C D
(b) 3 4 2 1
(d) 4 3 1 2

18. Two important processes of water cycle are and

- (a) rain and oceans
(b) evaporation and condensation
(c) evaporation and cloud formation
(d) condensation and water vapour formation

19. Which of the following devices is used for sending E-mail?



20. Which one of the following is the standard unit for the measurement of time?

- (a) Second
(c) Hour
(b) Minute
(d) All of these

21. Solve the riddle

My first letter is in fool, but not in cool.

My second letter is in round, but not in found.

My third letter is in long, but not in lung. My fourth letter is in bang, but not in band.

I am a

- (a) bat
(b) frog
(c) dog
(d) lion

22. Mark (T) True and (F) False.

- I. A stilt house stands on wooden poles.
- II. A tent is made of wheels.
- III. An igloo is made of ice and snow.
- IV. To reach a stilt house, lift is used.
- V. We use car to reach our flat in a multistoreyed building.

I II III IV V

- (a) T F T T T
- (b) T F T F F
- (c) F F T T F
- (d) T T F F F

23. Rohan was playing with his friends and suddenly he fell down and broke his ribcage. Which of his organs are now in danger?

- I. Small intestine
- II. Large intestine
- III. Heart
- IV. Lungs
- (a) I and II
- (b) II and III
- (c) II and IV
- (d) III and IV

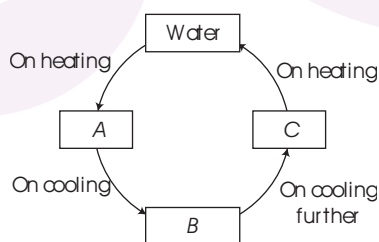
24. Days are shorter and nights are longer in

- (a) monsoon season
- (b) winter season
- (c) summer season
- (d) spring season

25. Planting a tree is one of the best things you can do for your local environment and for the planet because

- (a) they produce oxygen.
- (b) they remove carbon dioxide and contaminants from the air.
- (c) they provide habitat for birds and other wildlife.
- (d) All of the above

26. The following figure shows a change of three states of water. What is A, B and C in figure as shown below?



A

- (a) Steam
- (b) Ice
- (c) Steam
- (d) Water

B

- Water
- Steam
- Ice
- Ice

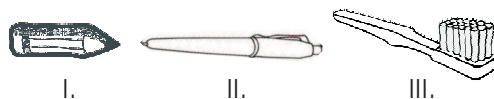
C

- Ice
- Water
- Water
- Steam

27. Ramesh was sending birthday card to his friend living in Mumbai. His father wrote the full address with PIN code.

Ramesh asked his father, what does PIN code stands for?

- (a) Personal Index Number (b) Provisional Index Number
(c) Postal Index Number (d) None of these
28. Which measuring instrument would you prefer to measure the length of following items?



- (a) Electronic balance (b) Metre rod
(c) Ruler (d) Measuring cylinder
29. Which of the following statement is false?
- (a) Herbivores are these animals which eat plants and parts of plants.
(b) They have flat broad front teeth to cut the leaves and grasses.
(c) They chew the food with the help of strong back teeth.
(d) Some examples of herbivores are tiger, lion, leopard.

30. Match the following columns.

Column I	Column II
A. Length of a room	1. °C
B. Volume of milk	2. metre
C. Mass of a book	3. measuring can
D. Temperature on a cold day	4. kilogram

- A B C D
(a) 2 3 4 1
(c) 2 4 3 1

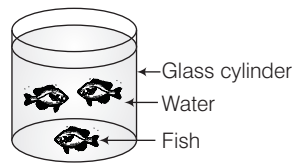
- A B C D
(b) 4 3 2 1
(d) 2 3 4 1

31. The skeleton of a newborn baby is only partially made up of bones. What is the rest of the skeleton made up of ?
- (a) Ribs (b) Backbone (c) Skull (d) Cartilage
32. Mohit was going somewhere, on the way near a hospital he saw this sign. Why was this sign near a hospital?



- (a) No safety rules near hospital.
(b) No parking near hospital.
(c) No horn so doctors get disturbed.
(d) No horn otherwise patients get disturbed with noise.

33. In the following diagram, the fish stayed close to the surface of water in the glass cylinder.



What do you think is the reason?

- (a) They need more sunlight.
 - (b) They need more air.
 - (c) The temperature of the water on the surface is cooler.
 - (d) They are not strong swimmers.
- 34.** Wet clothes are left to dry in the sun. Which process help the clothes to dry?
- (a) Freezing
 - (b) Condensation
 - (c) Precipitation
 - (d) Evaporation
- 35.** Cereals such as rice, wheat, maize, etc., are good source of energy as they
- (a) rich in fat
 - (b) rich in protein
 - (c) rich in carbohydrates
 - (d) rich in calcium

ANSWER KEY

Science Class 3rd

1.	(d)	19.	(d)
2.	(d)	20.	(a)
3.	(c)	21.	(b)
4.	(b)	22.	(b)
5.	(a)	23.	(d)
6.	(c)	24.	(b)
7.	(c)	25.	(d)
8.	(b)	26.	(a)
9.	(c)	27.	(c)
10.	(b)	28.	(c)
11.	(d)	29.	(d)
12.	(c)	30.	(d)
13.	(b)	31.	(d)
14.	(c)	32.	(d)
15.	(d)	33.	(b)
16.	(c)	34.	(d)
17.	(a)	35.	(c)
18.	(b)		

BMO

Bloom
Maths
Olympiad

BSO

Bloom
Science
Olympiad

BEO

Bloom
English
Olympiad

BGO

Bloom
GK
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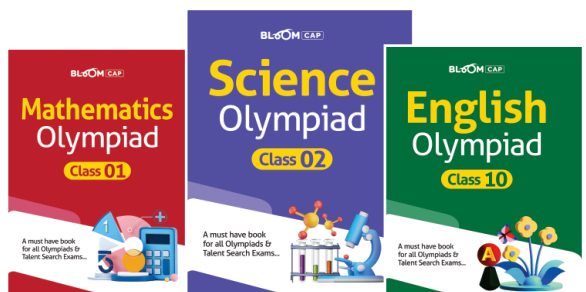
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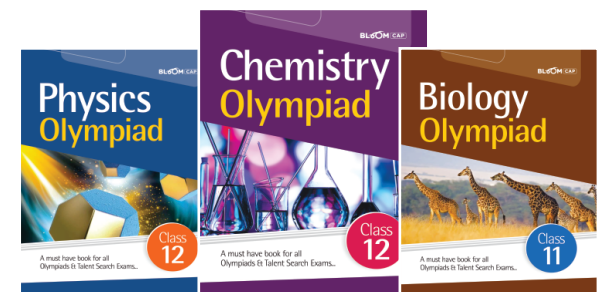
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