



International FSP Contests

2024 QUESTION BOOKLET

FSP Science Contest



GRADE 1 & 2

VIBRANT YOUNGSTERS

Time Allowed : 75 Minutes
Maximum Marks : 60

WRITTEN DIRECTIONS FOR THE CONTEST

- 1) Wait till the invigilator gives the all-clear before beginning the contest.
- 2) Examine your name, father's name, school name, address, and other details one last time on the bubble sheet and answer page.
- 3) Only record your responses on the bubble sheet. Choose the best response from the four alternatives provided, and only one option should be marked per question.
- 4) Fill in the circles on the bubble sheet with blue or black ink; lead pencils are not permitted.
- 5) It is completely forbidden to use any kind of assistance, including cell phones and technological devices.
- 6) Three points are awarded for each right response. Negative marking would occur. A single point would be subtracted for each wrong response.
- 7) No justification may be given for an unaccompanied candidate to leave the examination room, including to use the restroom.
- 8) No objects, including electrical devices, are allowed within the room.
- 9) The competition is divided into the following five categories:
 - A) Vibrant youngsters Grade 1 & 2
 - B) Vibrant youngsters Grade 3 & 4
 - C) Vibrant youngsters Grade 5 & 6
 - D) Vibrant youngsters Grade 7 & 8
 - E) Vibrant youngsters Grade 9 & 10 / 0-levels
- 10) The contest is only open to enrolled students.
- 11) No candidate may remove any provided materials, including answer books, from the hall, even if they are partially filled in or utilized.
- 12) Neither the examiner nor the invigilator may respond if a participant does not understand a word or phrase on the exam paper.
- 13) Please visit www.fspcompetitions.org to learn about future competitions or to offer insightful comments.
- 14) Vibrant youngsters FSP must receive reports of any academic misconduct or malpractice at info@fspcompetitions.org.

Q-1

Sadaf has a pomegranate tree in her garden. One day, her younger brother picked all the flowers from the tree. She started scolding her brother. If you were in a same situation as Sadaf, what would you tell your brother instead of scolding him so that he never repeats this mistake?



Flowers give you more fruits



Flower will stop the growth of a tree



Flower will give you fresh air



Flower gives support to the plants.

Q-2

Which of the following activities you should NOT do in the park?



Throw stones on the plants.



Pluck flowers and leaves from the plants



Grow more and more plants



Both (a) and (b)

Q-3

I see you are a seed, tell me what you need. I need soil to grow I can grow in water too, Water makes me wet, Air for my leaves to get, Space for my roots to spread, Now I grow into a green plant. Which of the following helps a plant to grow?



Air



Water



Space



All of these

Q-4

Which among the following is a thorny plant that provides us perfumes?

A



Rose

B



Cactus

C



Sunflower

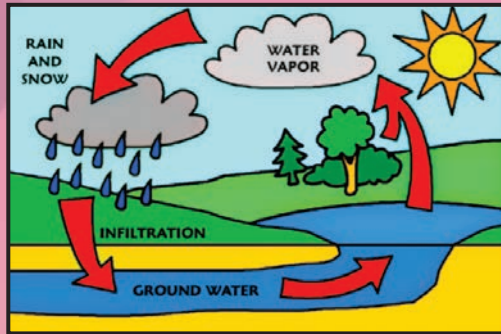
D



Mushroom

Q-5

What does the following figure represent?



A Path of germs in air



B Water cycle



C Storm



D Formation of clouds

Q-6

Out of all these which ones belongs to the same category as human?



A Scooter



B Plants



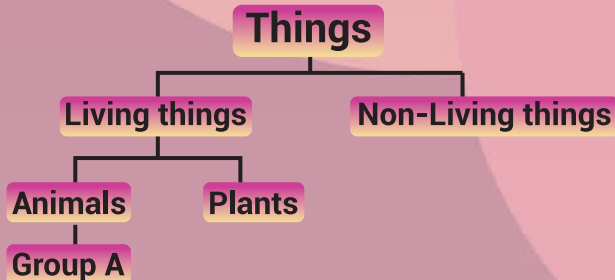
C Well



D Ball

Q-7

Look at the chart below.



Which one of the following things can be put in group A?



A Ant



B Fern



C Mushroom



D Leather Belt

Q-8

I am a non-living, but I have hands, I can't walk, but I can run. I come in different colours and different brands, Some people hang me; some tie me in their hand. Who am I?

A Television

B Clock/Watch

C Book

D Bottle

Q-9

Categorize the items into living and non-living -Toy, butterfly, boy, chair, bag, sparrow, bulb, fish. How many living/non-living things are there?

A Living things- 4, Non-living things-3

B Living things- 4, Non-living things-4

C Living things-1, Non-living things-7

D Living things- 2, Non-living things-6

Q-10

Which of the following can increase in volume when air is blown into it?



Q-11

Consider the following statements and answer the question?

Statement 1: Wind is the movement of air.

Statement 2: Monsoon comes after summer and it stays from July to August.



Both Statement 1 and Statement 2 are false.



Both Statement 1 and Statement 2 are true.



Statement 1 is true and Statement 2 is false.



Statement 1 is false and Statement 2 is true

Q-12

Ashar is a brilliant student and he loves studies. But during winters he was absent for many days as he was suffering from high fever and cold. As a teacher of Ashar what will you suggest his mother?



Make him wear proper woollen clothes in winters.



Take Ashar to the doctor.



Ashar should take proper rest and healthy food like soup, fruits, milk.



All of these

Q-13

Which of the following cause water pollution?

- (i) Garbage thrown in rivers, lakes etc.
- (ii) dead bodies of water animals.
- (iii) Movement of air.
- (iv) Factory waste released into water.



Both (i) and (ii)



(ii) and (iv)



(i), (ii) and (iv)



All of the above

Q-14

Sound travels best through _____.



Water



Air



Solids



None of the above

Q-15

Choose the correct option

A

Living things

Car

Mug

B

Non-living things

Plants

Hen

C

Living things

Plants

Hen

D

Living things

Car

Plants

Q-16

Read the following sentences carefully and find true and false. (T/F)

- A** In autumn season trees shed their leaves.
- B** Condensation changes water vapour into water.
- C** Rain water is drinking water.

**Q-17**

What role does sun play in water cycle?

- A** It helps in formation of cloud
- B** It helps in evaporation
- C** It helps in condensation
- D** Both (a) and (c)

Q-18

Jack is a farmer's son, he gives water to the crops everyday with his father. But his crops are not healthy. They use water from the nearby river. His mother washes clothes in the same river and throws all the waste of her house into it. What will you suggest to Jack's family for the good growth of their crops?

- A** They should stop throwing garbage into the river.
- B** His mother should not wash clothes in the river as detergent pollutes water.
- C** His father should use good fertilizers and clean water for crops.
- D** All of the above.

Q-19

Which of these is NOT a plant?



Neem Tree



Mushroom



Mango Tree



Coconut Tree

Q-20

A student places soil in a plastic container to make a home for some worms. He cuts holes at the top of the container because the worms need _____.



Space to move



Air to breathe



Sunlight to grow



Sound to communicate

EDUCATIONAL LEADERSHIP**AWARDS 2024*****FSP Mathematics
Contest*****INTERNATIONAL FSP CONTESTS**

Inst Head Name	Job Title	Institution Name	City
Mrs. Sadaf Batool	Vice Principal	Fauji Foundation College	Kalar Kahar
Ms. Misbah Qamar	Principal	The City School Ravi Campus	Lahore
Mrs. Rizwana Sabir	Acting Principal	Fauji Foundation School	Nakial
Ms. Nayyar Kiani	Network Partner	The City School	Jhelum
Mrs. Najma Rani	Principal	FG Public Middle School	Rawalpindi
Ms. Safia Jawaid	Headmistress	Aisha Bawany Academy	Karachi
Mr. Imran Ali	Principal	Fauji Foundation School	Toba Tek Singh
Mrs. Zahida	Principal	Fauji Foundation School	Mardan
Ms. Sadia Waqar Ahmed	Principal	Halimah School of Excellence	Wazirabad

ANSWER SHEET

GRADE 1 & 2

Q.NO ANSWER

- 1 ● (B) (C) (D)
2 (A) (B) (C) ●
3 (A) (B) (C) ●
4 ● (B) (C) (D)
5 (A) ● (C) (D)
6 (A) ● (C) (D)
7 ● (B) (C) (D)
8 (A) ● (C) (D)
9 (A) ● (C) (D)
10 (A) (B) (C) ●
11 (A) ● (C) (D)
12 (A) (B) (C) ●
13 (A) (B) ● (D)
14 (A) (B) ● (D)
15 (A) (B) ● (D)

Q.NO ANSWER

- 16 (A) ● (C) (D)
17 (A) ● (C) (D)
18 (A) (B) (C) ●
19 (A) ● (C) (D)
20 (A) ● (C) (D)



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