

FSP SCIENCE CONTEST

**2022**

**QUESTION BOOKLET**

**GRADE 1 & 2**

**VIBRANT YOUNGSTERS**

TIME ALLOWED: 75 Minutes

MAXIMUM MARKS: 60



**FAMOUS STUDENTS PLATFORM**

# INSTRUCTIONS

- 1) **DON'T START ATTEMPTING THE PAPER UNTIL INSTRUCTED BY THE INVIGILATOR.**
- 2) **INSTRUCTIONS FROM THE EXAMINATION INVIGILATOR MUST BE CARRIED OUT PROMPTLY.**
- 3) **CAREFULLY RECHECK YOUR NAME, FATHER NAME, SCHOOL NAME, ADDRESS ETC AT THE BUBBLE SHEET / ANSWER SHEET.**
- 4) **RECORD ALL ANSWERS ON THE BUBBLE SHEET ONLY. SELECT BEST ANSWER FROM THE FOUR GIVEN OPTIONS AND MARK ONLY ONE OPTION IN EACH QUESTION.**
- 5) **USE BLUE / BLACK INK TO FILL UP THE CIRCLES FOR YOUR ANSWERS ON THE BUBBLE SHEET. USE OF LEAD PENCIL IS NOT ALLOWED.**
- 6) **USE OF ANY HELPING MATERIAL INCLUDING CELL PHONES AND ELECTRONIC DEVICES IS STRICTLY PROHIBITED.**
- 7) **EVERY CORRECT ANSWER EARNS THREE POINTS. THERE WOULD BE NEGATIVE MARKING. ONE POINT WOULD BE DEDUCTED FOR EVERY INCORRECT ANSWER.**
- 8) **CANDIDATES MAY NOT LEAVE THE EXAMINATION ROOM UNESCORTED FOR ANY REASON, AND THIS INCLUDES USING THE WASHROOM.**
- 9) **NO MATERIALS OR ELECTRONIC DEVICES SHALL BE BROUGHT IN TO THE ROOM.**
- 10) **THERE ARE FIVE CATEGORIES OF THE CONTEST AS UNDER:**
  - 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)
- 11) **ONLY REGISTERED STUDENTS CAN PARTICIPATE IN THE CONTEST.**
- 12) **NO CANDIDATE SHALL TAKE OUT OF THE HALL ANY ANSWER BOOK(S) OR PART OF AN ANSWER BOOK, WHETHER USED OR UNUSED, OR OTHER SUPPLIED MATERIAL.**
- 13) **IF A PARTICIPANT DOES NOT UNDERSTAND A WORD OR PHRASE ON THE EXAM PAPER, NEITHER EXAMINER NOR INVIGILATOR IS PERMITTED TO ANSWER.**
- 14) **FOR INFORMATION ABOUT UPCOMING CONTESTS OR PROVIDING VALUABLE FEEDBACK, PLEASE VISIT [WWW.FSPCOMPETITIONS.ORG](http://WWW.FSPCOMPETITIONS.ORG)**
- 15) **ANY ACADEMIC MISCONDUCT OR MALPRACTICE MUST BE REPORTED TO FSP VIBRANT YOUNGSTERS AT [INFO@FSPCOMPETITIONS.ORG](mailto:INFO@FSPCOMPETITIONS.ORG)**

# What is Science?

Science is the methods of discovering of new observations and to experiment its the data and detailed knowledge of relative or other titles . May explain my knowledge in my view science is the noun and collection of any thing such as different types of objects. Scientists are playing very important role in our lives. They are changing the world. According to me Science and scientists future is very bright. Because people are interested and want new inventions. Also people depend on technology and want to live luxury life. There will be more change in the next 50 years of science than in the last 400 years.



**By: Ms. Shumaila Bashir**  
**Computer & Event organizer**  
**BFC Dharyala Jalap Campus**



[www.fspcompetitions.org](http://www.fspcompetitions.org)

# *What we need to do?*

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Much of what we need to do, jointly as a world community, is to extend partnerships across the sectors that provide students with a coherent pathway to science literacy. We need science to create spaces for shared innovation and exploration, driving forward with a passion that encourages and inspires new generations.



**By: Mr. Waleed Adnan,  
Lead Teacher – Science,  
The Intellect School – Boys Campus (KHI)**



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**Q.1)** Which materials are this cabinet made of?



- A** Metal & Wood    **B** Wood & Glass    **C** Wood & Rock    **D** Wood, Metal & Glass



**Q.2)** Is the wind turning a pinwheel a solid, a liquid or a gas?



- A** A Solid    **B** A Liquid    **C** A Gas    **D** None of these



**Q.3)** This map uses blue to show liquid water. Which arrow doesn't point to water?



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

**Q.4)** What is Earth's only natural satellite?

**A**



Sun

**B**



Venus

**C**



Mars

**D**



Moon



**Q.5)** Which property do these four objects have in common?

Tent



Tissue



Socks



Paper



**A** Slippery

**B** Bendable

**C** Sticky

**D** Bouncy



**Q.6)** When the Earth is seen from outer space, it looks mainly blue. This is because most the Earth is covered with:



**A** Ice

**B** Mountains

**C** Oceans

**D** Deserts

**Q.7)** This table tells you about two earthquakes that happened in New Zealand. It gives you information about the effects of the earthquakes on the city of Christchurch.

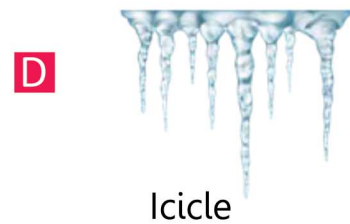
| Date              | Strength    | Focus of the earthquake           | Effects on Christchurch                                       |
|-------------------|-------------|-----------------------------------|---------------------------------------------------------------|
| July 15, 2009     | very strong | about 330 miles from Christchurch | Some people felt the ground shake. No buildings were damaged. |
| February 22, 2011 | strong      | about 3 miles from Christchurch   | Most people felt the ground shake. Many buildings fell down.  |

Select one reason why the earthquake in 2011 had a bigger effect on Christchurch. Use the information in the table to choose your answer.

- A** It is started closer to Christchurch than the other earthquake did.
- B** It lasted longer than the other earthquake.
- C** It was stronger than the other earthquake.
- D** It was weaker than the other earthquake.



**Q.8)** Which would smell the most?



**Q.9)** Which part of the body helps you move?

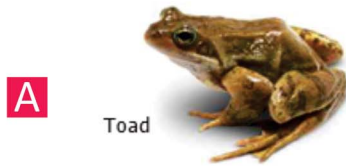
- A** Eyes
- B** Lungs
- C** Pancreas
- D** Muscles



**Q.10)** Birds have feathers, two wings and a beak. A woodpecker is an example of a bird.



**Which picture from the following show a bird?**



**Q.11)** Which material is these steps made of?



- A** Cardboard      **B** Concrete      **C** Wax      **D** Cotton

**Q.12)** Which of the following is **NOT TRUE** about Pollution?

- A** Pollution happens when something harmful is added to the environment.  
**B** Pollution can cause some animals & plants to get sick or die.  
**C** People causes pollution.  
**D** People cannot reduce pollution.



**Q.13)** Select the living thing:

**A**



Scarecrow

**B**



Pepper Tree

**C**



Cave

**D**



Hockey Puck



**Q.14)** Select the brown rock with sharp edges.

**A**



**B**



**C**



**D**



**Q15)** Which animal lays eggs?

**A**



**B**



**C**



**D**



**Q.16)** Natural resources are useful things that come directly from nature. Which of these pictures shows a natural resource?

**A**



Soccer Balls

**B**



Batteries

**C**



Trees

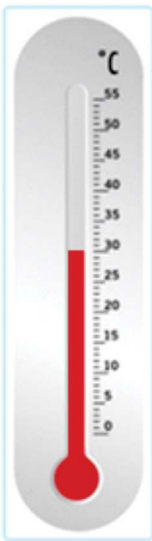
**D**



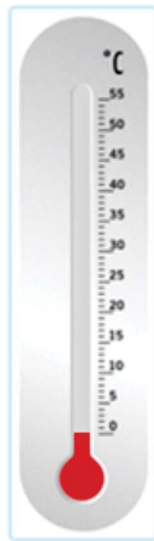
Light Bulbs

**Q.17)** Which thermometer shows the higher temperature?

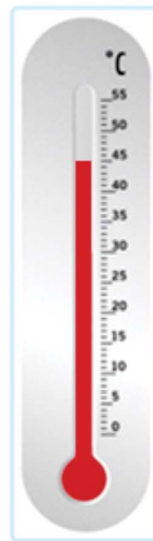
**A**



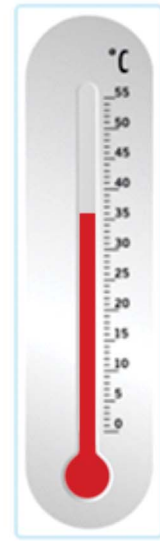
**B**



**C**



**D**



**Q.18)** Look at the pictures given below.



**Which common thing they all need?**

**A** Water

**B** Air

**C** Sun

**D** Thread

**Q.19)** This picture was taken after an earthquake.



**What evidence of an earthquake does this picture show?**

- A** Some of the houses have broken roofs and walls.
- B** There are large cracks in the ground.
- C** The houses have windows.
- D** The houses have doors.



**Q.20)** Which is the scratchiest?

**A**



Asphalt Road

**B**



Glass

**C**



Rubber Ball

**D**



Soap Bar



**BEST OF LUCK!**





# ANSWER SHEET

## INSTRUCTIONS:

- This is a generic answer sheet to be used by participants of all grades. Students of Grade 1-2 will fill in circles of first 20 questions. Grade 3-4 will fill in circles of 25 questions & Grade 5-10 will fill in circles of 30 questions.
- Please recheck your Name, Father Name, Garde & School written below, the same would appear at your certificate.
- Use of lead pencil is not allowed.
- Use only Black / Blue ink to fill in the circles.

Choose only ONE of the FOUR proposed answers (A,B,C or D) & fill in the circles with your answer.

Example of correctly filled table of answers.

A  B  C  D Correct Filling Answer "C"

A  B  C  D wrong filling

A  B  C  D wrong filling

A  B  C  D wrong filling

A  B  C  D wrong filling

| Q. No. | Answer                             |                                    |                                    |                                    |
|--------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 1      | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D |
| 2      | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            |
| 3      | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D |
| 4      | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            |
| 5      | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            |
| 6      | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            |
| 7      | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D            |
| 8      | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            |
| 9      | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D |
| 10     | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D |
| 11     | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            |
| 12     | <input type="radio"/> A            | <input type="radio"/> B            | <input type="radio"/> C            | <input checked="" type="radio"/> D |
| 13     | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            |
| 14     | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D            |
| 15     | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D            |

| Q. No. | Answer                             |                                    |                                    |                         |
|--------|------------------------------------|------------------------------------|------------------------------------|-------------------------|
| 16     | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D |
| 17     | <input type="radio"/> A            | <input type="radio"/> B            | <input checked="" type="radio"/> C | <input type="radio"/> D |
| 18     | <input type="radio"/> A            | <input checked="" type="radio"/> B | <input type="radio"/> C            | <input type="radio"/> D |
| 19     | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D |
| 20     | <input checked="" type="radio"/> A | <input type="radio"/> B            | <input type="radio"/> C            | <input type="radio"/> D |

# EDUCATIONAL LEADERSHIP & HIGH ACHIEVER AWARDS

## FSP MC (VOL-7) 2022

### OUR EDUCATIONISTS OUR PRIDE

| INSTITUTE HEAD NAME       | JOB TITLE       | INSTITUTE NAME                                  | CITY             |
|---------------------------|-----------------|-------------------------------------------------|------------------|
| MS. IQRA HANIF            | FSP COORDINATOR | FAUJI FOUNDATION COLLEGE                        | JHELUM           |
| MS. ZAITOON MUKHTAR       | FSP COORDINATOR | BAHRIA FOUNDATION COLLEGE DHARYALA JALAP CAMPUS | DHARYALA JALAP   |
| MS. ARIFA NAZ             | FSP COORDINATOR | BAHRIA COLLEGE EAB-1 MAJEED CAMPUS              | KARACHI          |
| HAFIZA AMMARA ASHRAF      | FSP COORDINATOR | ARMY PUBLIC SCHOOL                              | KHUZDAR          |
| MR. ABDUL GHAFFAR         | FSP COORDINATOR | G.P.S NAWAB D.I.KHAN                            | DERA ISMAIL KHAN |
| MR. AFTAB AHMED           | FSP COORDINATOR | APS & C EME                                     | RAWALPINDI       |
| MR. ARSHAD MAHMOOD        | FSP COORDINATOR | GOVT. CENTRAL MODEL SCHOOL                      | LAHORE           |
| MR. ASAD HAYAT            | FSP COORDINATOR | DAANISH SCHOOL BOYS                             | MIANWALI         |
| MR. M. NAEEM              | FSP COORDINATOR | FAUJI FOUNDATION COLLEGE                        | JHELUM           |
| MR. MUHAMMAD WAQAR KHALID | FSP COORDINATOR | RANGER PUBLIC SCHOOL (RISE & SHINE)             | LAHORE           |
| MR. NOMAN IQBAL           | FSP COORDINATOR | FAUJI FOUNDATION SCHOOL                         | HARIPUR          |
| MR. RASHID MEHMOOD        | FSP COORDINATOR | FAUJI FOUNDATION SCHOOL                         | HAZRO            |
| MR. UMAR FAROOQ           | FSP COORDINATOR | BEACONHOUSE SCHOOL SYSTEM                       | FAISALABAD       |
| MRS. KANWAL AKRAM         | FSP COORDINATOR | BAHRIA FOUNDATION COLLEGE                       | ATTOCK           |
| MS. AAMINA BADER          | FSP COORDINATOR | AIR BASE INTER COLLEGE MUSHAF                   | SARGODHA         |
| MS. AFNAN BASHIR          | FSP COORDINATOR | AFTAB HUSSAIN (SHAHEEN) APS&C                   | MUZZAFFARABAD    |
| MS. ARSHIA KAINAT         | FSP COORDINATOR | BAHRIA FOUNDATION COLLEGE DHARYALA JALAP CAMPUS | DHARYALA JALAP   |
| MS. ATIA MAQSOOD          | FSP COORDINATOR | BAHRIA COLLEGE EAB-1 MAJEED CAMPUS              | KARACHI          |
| MS. AYESHA GHAFFAR        | FSP COORDINATOR | THE CITY SCHOOL GIRLS CAMPUS                    | KARACHI          |

# *Congratulations*



## FAMOUS STUDENTS PLATFORM

[www.fspcompetitions.org](http://www.fspcompetitions.org) | [Info@fspcompetitions.org](mailto:Info@fspcompetitions.org)