Name _____ Date _____

Science · Practice paper

Science Practice Paper (1)

Answer every question. Show your working where you can. Mark it out of 113.

Score: _____ / 113

★ 0 to 55 keep practising ★★ 56 to 87 good work ★★★ 88 to 113 super!

1. Match the sense organ to its sense. Write the letter in the box. (5 marks)

☐	1. eyes	a)	hearing
☐	2. ears	b)	touch
☐	3. nose	c)	smell
☐	4. tongue	d)	sight
☐	5. skin	e)	taste

2. Which sense do you use? Circle. (4 marks)

1. to read a book — sight / hearing
2. to hear the school bell — touch / hearing
3. to feel soft wool — touch / taste
4. to know a lemon is sour — smell / taste

3. True or false? Circle. (2 marks)

1. Our senses help keep us safe. — True / False
2. It is safe to look straight at the Sun. — True / False

Name _____ Date _____

Science · Practice paper

Science Practice Paper (2)

Think about hot and cold, melting and freezing.

0 | 100 | 37 | thermometer

4. Fill in. (4 marks)

1. Water freezes into ice at _____ °C.
2. Water boils at _____ °C.
3. A healthy body is about _____ °C.
4. We measure temperature with a _____.

5. Melts or freezes? Circle. (3 marks)

1. ice cream left in the sun	melts	freezes
2. water put in the freezer	melts	freezes
3. butter in a hot pan	melts	freezes

6. Circle the right answer. (2 marks)

1. Which is hotter?	25 °C	15 °C
2. Which is colder?	40 °C	10 °C

7. True or false? Circle. (3 marks)

1. Heat moves from hot things to cold things.	True	False
2. A wool jumper keeps our heat in.	True	False
3. A metal spoon in hot chai stays cold.	True	False

Name _____ Date _____

Science · Practice paper

Science Practice Paper (3)

Magnets pull some things and not others.



Magnets

A magnet attracts things made of iron or steel. Every magnet has a north pole (N) and a south pole (S). Different poles attract. Same poles repel.

8. Will the magnet attract it? Circle. (4 marks)

1. a steel paperclip — yes / no
2. a wooden block — yes / no
3. an iron bolt — yes / no
4. a sheet of paper — yes / no

9. Attract or repel? Circle. (3 marks)

1. N and S — attract / repel
2. N and N — attract / repel
3. S and S — attract / repel

10. Fill in. (2 marks)

1. The two ends of a magnet are called _____.
2. A magnet attracts things made of iron or _____.

11. Write two places where magnets are used. (2 marks)

1. _____ 2. _____

Name _____ Date _____

Science · Practice paper

Science Practice Paper (4)

Sound, weather and seasons. Keep going: this paper has ten pages.

12. Circle the right answer. (4 marks)

1. Sound is made when something … vibrates melts
2. A small bird makes a … sound. high low
3. A sound that bounces back is an … magnet echo
4. A whisper is … loud soft

13. Which season is it in Pakistan? Circle. (4 marks)

1. Cold, foggy mornings in December winter summer
2. Heavy rain in late summer spring monsoon
3. Flowers bloom and the weather is pleasant spring winter
4. Very hot days in June autumn summer

sunny **rainy** **snowy**

14. Write the weather. (3 marks)



1. _____



2. _____



3. _____

Name _____ Date _____

Science · Practice paper

Science Practice Paper (5)

Our senses help us learn about the world and keep us safe.

15. Which sense do you use most? Circle. (4 marks)

1.  hearing a song — sight / hearing / smell / touch
2.  smelling a rose — sight / hearing / smell / touch
3.  seeing a rainbow — sight / hearing / smell / touch
4.  feeling cold ice — sight / hearing / smell / touch

16. Sweet, sour, salty or bitter? Circle. (4 marks)

1. a lemon — sweet / sour / salty / bitter
2. a candy — sweet / sour / salty / bitter
3. salted peanuts — sweet / sour / salty / bitter
4. black coffee — sweet / sour / salty / bitter

17. Match the animal to its strong sense. Write the letter in the box. (3 marks)

☐	1. owl	a)	smells things far away
☐	2. dog	b)	sees well at night
☐	3. snake	c)	flicks its tongue to pick up smells

Name _____ Date _____

Science · Practice paper

Science Practice Paper (6)

Read a thermometer. Think about heat moving.



Temperature

A thermometer measures temperature in degrees Celsius (°C). A bigger number means hotter. Heat moves from hot things to cold things.

18. Temperature sums. (3 marks)

1. It was 12 °C in the morning and 20 °C at noon. It got _____ degrees warmer.

2. Chai is 80 °C. It cools by 30 degrees. Now it is _____ °C.

3. Lahore is 35 °C and Murree is 20 °C. Lahore is _____ degrees hotter.

19. Hot or cold? Circle. (4 marks)

1. an ice cube — hot / cold
2. a fire — hot / cold
3. a snowman — hot / cold
4. hot chai — hot / cold

20. True or false? Circle. (2 marks)

1. A wool scarf keeps our heat in. — True / False
2. Ice melts faster in a freezer. — True / False

Name _____ Date _____

Science · Practice paper

Science Practice Paper (7)

Test which things a magnet attracts.

21. Magnetic or not? Circle. (4 marks)

1.  an iron key — magnetic / not magnetic
2.  a wooden pencil — magnetic / not magnetic
3.  a steel coin — magnetic / not magnetic
4. a glass — magnetic / not magnetic

22. Push or pull? Circle. (4 marks)

1. N pole near S pole — push apart / pull together
2. S pole near S pole — push apart / pull together
3. N pole near N pole — push apart / pull together
4. S pole near N pole — push apart / pull together

23. A magnet can pull a paperclip through paper. Write one more thing a magnet can work through. (1 mark)

---

24. Circle the right answer. (3 marks)

1. A magnet is strongest at its … — poles / middle
2. Magnets attract things made of … — plastic / iron
3. A compass needle is a small … — magnet / battery

Name _____ Date _____

Science · Practice paper

Science Practice Paper (8)

Sound is made by vibrations.



Sound

When something vibrates, it makes a sound. The sound travels through the air to our ears. Fast vibrations make high sounds. Slow vibrations make low sounds.

25. How do you make the sound? Circle. (4 marks)

1. drum — hit / pluck / blow / shake
2. guitar — hit / pluck / blow / shake
3. trumpet — hit / pluck / blow / shake
4. bell — hit / pluck / blow / shake

26. High or low sound? Circle. (4 marks)

1. a small bird tweeting — high / low
2. a big lion roaring — high / low
3. a whistle — high / low
4. an elephant rumbling — high / low

27. Loud or soft? Circle. (3 marks)

1. a whisper — loud / soft
2. fireworks — loud / soft
3. a cat purring — loud / soft

Name _____ Date _____

Science · Practice paper

Science Practice Paper (9)

Weather changes day by day. Seasons come round each year.

summer | autumn | winter | spring

28. Fill in the season in Pakistan. (4 marks)

1. Leaves fall from the trees in _____.
2. It is very hot in _____.
3. We wear jumpers and caps in _____.
4. Flowers bloom in _____.

29. What should you wear? Circle the weather. (4 marks)

1.	 a coat	sunny day	cold day	rainy day
2.	 sunglasses	sunny day	cold day	rainy day
3.	 an umbrella	sunny day	cold day	rainy day
4.	 a scarf	sunny day	cold day	rainy day

30. Match the tool to what it measures. Write the letter in the box. (3 marks)

☐	1. thermometer	a)	how much rain fell
☐	2. rain gauge	b)	how hot or cold it is
☐	3. wind sock	c)	which way the wind blows

31. Circle the right answer. (2 marks)

1. The monsoon brings … heavy rain | snow in Karachi
2. Weather can change … only once a year | from day to day

Name _____ Date _____

Science · Practice paper

Science Practice Paper (10)

Think like a scientist. Add up your marks from all ten pages.

32. True or false? Circle. (5 marks)

1. We taste with our tongue. True False
2. Water freezes at 100 °C. True False
3. A magnet attracts plastic. True False
4. An echo is a sound that bounces back. True False
5. Spring comes after winter. True False

33. Spot the mistake. Write the right word. (3 marks)

1. We hear with our eyes. → _____
2. Ice melts when it gets cold. → _____
3. A drum makes sound when it stops moving. → _____

34. Explain why we wear wool in winter. (2 marks)

35. Plan a test: how would you find out which things a magnet attracts? (2 marks)

How did I do?

I can _____ . I will practise _____ .

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (1)

Answer every question. Show your working where you can. Mark it out of 113.

Score: _____ / 113

★ 0 to 55 keep practising ★★ 56 to 87 good work ★★★ 88 to 113 super!

1. Match the sense organ to its sense. Write the letter in the box. (5 marks)

d	1. eyes	a) hearing
a	2. ears	b) touch
c	3. nose	c) smell
e	4. tongue	d) sight
b	5. skin	e) taste

2. Which sense do you use? Circle. (4 marks)

1. to read a book — **sight** / hearing
2. to hear the school bell — touch / **hearing**
3. to feel soft wool — **touch** / taste
4. to know a lemon is sour — smell / **taste**

3. True or false? Circle. (2 marks)

1. Our senses help keep us safe. — **True** / False
2. It is safe to look straight at the Sun. — True / **False**

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (2)

Think about hot and cold, melting and freezing.

0 **100** **37** **thermometer**

4. Fill in. (4 marks)

1. Water freezes into ice at **0** °C.
2. Water boils at **100** °C.
3. A healthy body is about **37** °C.
4. We measure temperature with a **thermometer** .

5. Melts or freezes? Circle. (3 marks)

1. ice cream left in the sun — **melts** / freezes
2. water put in the freezer — melts / **freezes**
3. butter in a hot pan — **melts** / freezes

6. Circle the right answer. (2 marks)

1. Which is hotter? — **25 °C** / 15 °C
2. Which is colder? — 40 °C / **10 °C**

7. True or False? Circle. (3 marks)

1. Heat moves from hot things to cold things. — **True** / False
2. A wool jumper keeps our heat in. — **True** / False
3. A metal spoon in hot chai stays cold. — True / **False**

ANSWER KEY

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Science · Practice paper

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3. an iron bolt — **yes** / no
4. a sheet of paper — yes / **no**

9. Attract or repel? Circle. (3 marks)

1. N and S — **attract** / repel
2. N and N — attract / **repel**
3. S and S — attract / **repel**

10. Fill in. (2 marks)

1. The two ends of a magnet are called **poles**.
2. A magnet attracts things made of iron or **steel**.

11. Write two places where magnets are used. (2 marks)

1. _____ 2. _____

Answers will vary.

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (4)

Sound, weather and seasons. Keep going: this paper has ten pages.

12. Circle the right answer. (4 marks)

1. Sound is made when something … **vibrates** melts
2. A small bird makes a … sound. **high** low
3. A sound that bounces back is an … magnet **echo**
4. A whisper is … loud **soft**

13. Which season is it in Pakistan? Circle. (4 marks)

1. Cold, foggy mornings in December **winter** summer
2. Heavy rain in late summer spring **monsoon**
3. Flowers bloom and the weather is pleasant **spring** winter
4. Very hot days in June autumn **summer**

sunny **rainy** **snowy**

14. Write the weather. (3 marks)



1. **sunny**



2. **rainy**



3. **snowy**

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (5)

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ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (7)

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21. Magnetic or not? Circle. (4 marks)

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1.	a small bird tweeting	**high**	low
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3.	a whistle	**high**	low
4.	an elephant rumbling	high	**low**

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1.	a whisper	loud	**soft**
2.	fireworks	**loud**	soft
3.	a cat purring	loud	**soft**

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (9)

Weather changes day by day. Seasons come round each year.

summer | autumn | winter | spring

28. Fill in the season in Pakistan. (4 marks)

1. Leaves fall from the trees in **autumn** .
2. It is very hot in **summer** .
3. We wear jumpers and caps in **winter** .
4. Flowers bloom in **spring** .

29. What should you wear? Circle the weather. (4 marks)

1.  a coat	sunny day	**cold day**	rainy day
2.  sunglasses	**sunny day**	cold day	rainy day
3.  an umbrella	sunny day	cold day	**rainy day**
4.  a scarf	sunny day	**cold day**	rainy day

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31. Circle the right answer. (2 marks)

1. The monsoon brings ...	**heavy rain**	snow in Karachi
2. Weather can change ...	only once a year	**from day to day**

ANSWER KEY

Name _____ Date _____

Science · Practice paper

Science Practice Paper (10)

Think like a scientist. Add up your marks from all ten pages.

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1. We taste with our tongue. **True** False
2. Water freezes at 100 °C. True **False**
3. A magnet attracts plastic. True **False**
4. An echo is a sound that bounces back. **True** False
5. Spring comes after winter. **True** False

33. Spot the mistake. Write the right word. (3 marks)

1. We hear with our eyes. → **ears**
2. Ice melts when it gets cold. → **warm**
3. A drum makes sound when it stops moving. → **vibrates**

34. Explain why we wear wool in winter. (2 marks)

Answers will vary.

35. Plan a test: how would you find out which things a magnet attracts? (2 marks)

Answers will vary.

How did I do?

I can _____ . I will practise _____ .

Answers will vary.