

SAMPLE PAPER GROUP BETA

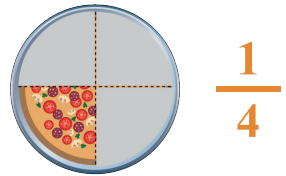
MATHEMATICS SECTION

Q1. Ali buys 3 pencils at 7 rupees each. How much does he spend?

- a) b)
- c) d)

Q2. Which fraction of pizza is shaded?

- a) b)
- c) d)

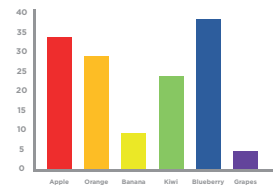


Q3. A rectangle has length 8 cm and width 4 cm. What is its area?

- a) b)
- c) d)

Q4. Which fruit is most popular?

- a) b)
- c) d)



Q5. $345 + 678 = ?$

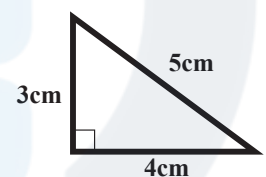
- a) b)
- c) d)

Q6. A bus leaves at 9:15 am and arrives at 12:00 pm. How long was the journey?

- a) b)
- c) d)

Q7. Is this a right-angled triangle?

- a) b)
- c) d)



Q8. Write the Roman numeral for 49

- a) b)
- c) d)

Q9. A book costs 85 rupees. How much for 5 books?

a)

b)

c)

d)

Q10. Which animal is least chosen?

a)

b)

c)

d)



Q11. If $2x = 14$, what is x ?

a)

b)

c)

d)

Q12. Multiply: $36 \times 9 = ?$

a)

b)

c)

d)

Q13. Which number is divisible by both 2 and 3: 18, 25, 40, 55?

a)

b)

c)

d)

Q14. How many edges does a cube have?

a)

b)

c)

d)



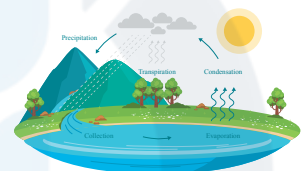
Q15. The average of 10, 20, 30 is?

a)

b)

c)

d)



SCIENCE SECTION

Q16. Why do we see our breath on a cold day?

- a) b)
- c) d)

Q17. Which process forms clouds?

- a) b)
- c) d)

Q18. Name the three states of matter.

- a) b)
- c) d)

Q19. Which organ in the human body controls all actions?

- a) b)
- c) d)



Q20. Which planet is known as the Gas Giant?

- a) b)
- c) d)

Q21. Plants release which gas during photosynthesis?

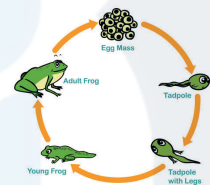
- a) b)
- c) d)

Q22. Which force pulls objects towards the Earth?

- a) b)
- c) d)

Q23. What comes after tadpole stage?

- a) b)
- c) d)



Q24. Why does ice float on water?

- a) b)
- c) d)

Q25. Which planet is closest to the Sun?

- a) b)
- c) d)

Q26. What does a thermometer measure?

- a) b)
- c) d)



Q27. Which part of the plant absorbs water?

- a) b)
- c) d)

Q28. Give one example of renewable energy source.

- a) b)
- c) d)

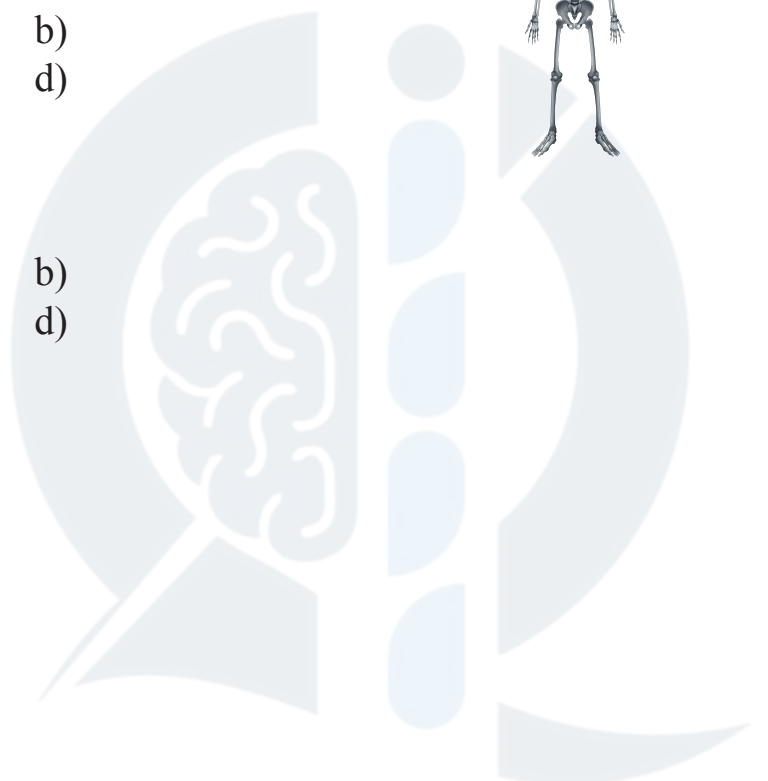
Q29. Which gas is needed for fire to burn?

- a) b)
- c) d)



Q30. Which organ protects the brain?

- a) b)
- c) d)



ENGLISH SECTION

Q31. Read the passage about 'A Day at the Park'. What game were the children playing?

- a) b)
- c) d)

Q32. Fill blank: They ____ playing football. (is/are/am)

- a) b)
- c) d)

Q33. Which is the correct past tense form of 'run'?

- a) b)
- c) d)

Q34. Odd one out:

- a) Quickly b) Slowly
- c) Chair d) Loudly

Q35. Which is the synonym of 'big'?

- a) b)
- c) d)

Q36. Write plural of 'mouse'.

- a) b)
- c) d)

Q37. Which word is an adjective:

- a) Sky b) Blue
- c) Quickly d) Run

Q38. Which sentence is correct?

- a) He don't like mangoes. b) He doesn't like mangoes.

Q39. Which punctuation is used to show excitement?

- | | |
|----|----|
| a) | b) |
| c) | d) |

Q40. Read passage about 'The Dog and the Cat'. Why was the dog angry?

- | | |
|----|----|
| a) | b) |
| c) | d) |

Q41. Antonym of 'begin'.

- | | |
|----|----|
| a) | b) |
| c) | d) |

Q42. Fill blank: She ____ her homework yesterday. (do/did/does)

- | | |
|----|----|
| a) | b) |
| c) | d) |

Q43. Choose correct spelling:

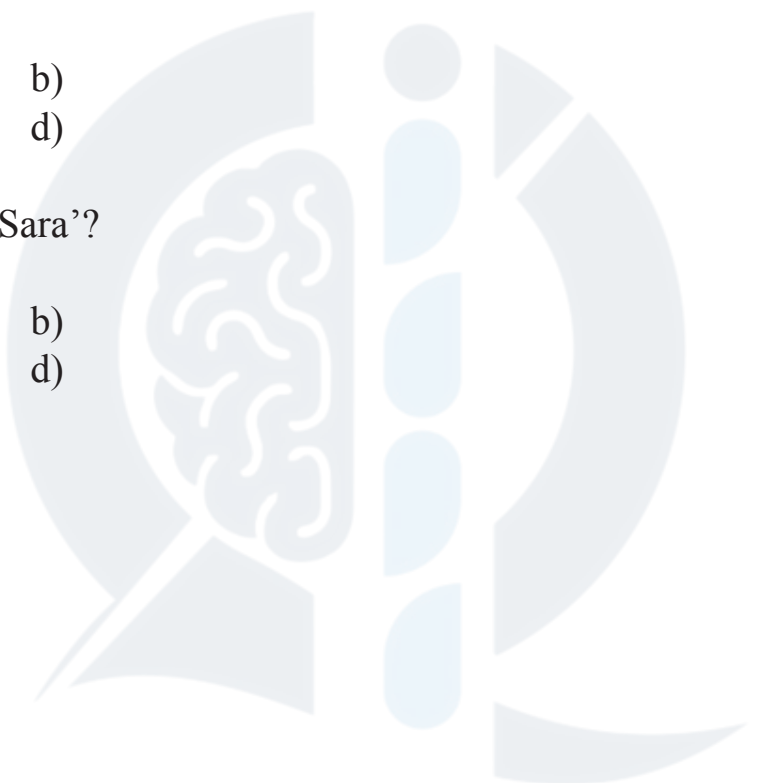
- | | |
|---------------|--------------|
| a) Beautifull | b) Beautiful |
| c) Beatiful | |

Q44. Which title best suits a story about 'A Brave Fireman'?

- | | |
|----|----|
| a) | b) |
| c) | d) |

Q45. Which pronoun replaces 'Ali and Sara'?

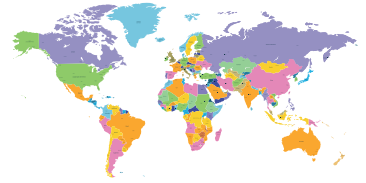
- | | |
|----|----|
| a) | b) |
| c) | d) |



GENERAL KNOWLEDGE SECTION

Q46. Which is the smallest continent?

- a) b)
c) d)



Q47. This landmark is in which country?

- a) b)
c) d)



Q48. Who discovered gravity?

- a) b)
c) d)

Q49. Which is the capital of Australia?

- a) b)
c) d)

Q50. Which is the largest country in Africa?

- a)  b) 

c)  d) 



Q51. Which festival is called ‘Festival of Lights’?

- a) b)
c) d)

Q52. Which country's flag has a maple leaf?

- a) b)
c) d)



Q53. Which ancient wonder was located in Egypt?

- a)  b) 

c)  d) 

Q54. Who was the first President of the USA?

- a) b)
- c) d)

Q55. How many oceans are there on Earth?

- a) b)
- c) d)



Q56. Which is the national animal of Pakistan?

- a) b)
- c) d)

Q57. In which country is this located?

- a) b)
- c) d)



Q58. Who invented the telephone?

- a) b)
- c) d)

Q59. Which country hosted the 2016 Olympics?

- a) b)
- c) d)

Q60. In which mountain range is this peak?

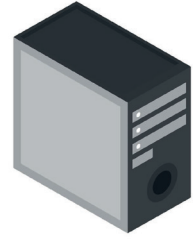
- a) b)
- c) d)



INFORMATION TECHNOLOGY SECTION

Q61. Which part is called the brain of the computer?

- a) b)
c) d)



Q62. Which device is used to print documents?

- a) b)
c) d)

Q63. Which device is shown?

- a) b)
c) d)

Q64. Which device is used to store large amounts of data permanently?

- a) b)
c) d)

Q65. Which device controls the pointer on screen?

- a) b)
c) d)



Q66. Which type of software is MS Word?

- a) b)
c) d)

Q67. Which device connects computers in a network?

- a) b)
c) d)

Q68. This symbol represents what?

- a) ☐ b) ☐
 c) ☐ d) ☐



Q69. Expand 'USB'.

- a) b)
- c) d)

Q70. Which part of computer is used for temporary storage?

- a) b)
- c) d)

Q71. A smartphone is an example of which type of device?

- a) b)
- c) d)



Q72. Which device is used to scan documents?

- a) b)
- c) d)

Q73. What does www stand for in internet addresses?

- a) b)
- c) d)

Q74. Which device connects a computer to the internet?

- a) b)
- c) d)



Q75. Which key is used to start a new paragraph in typing?

- a) b)
- c) d)

ANSWER KEY

MATHEMATICS SECTION

Q1: 21

Reasoning: $3 \times 7 = 21$.

Q2: $\frac{1}{4}$

Reasoning: One quarter of pizza is shaded.

Q3: 32 cm^2

Reasoning: Area = length $\times$ width = 8×4 .

Q4: Banana

Reasoning: Bar chart shows banana is most popular.

Q5: 1023

Reasoning: $345 + 678 = 1023$.

Q6: 2 hrs 45 min

Reasoning: $12:00 - 9:15 = 2\text{h } 45\text{m}$.

Q7: Yes

Reasoning: $3^2 + 4^2 = 9 + 16 = 25 = 5^2$.

Q8: XLIX

Reasoning: Roman numeral for 49 is XLIX.

Q9: 425

Reasoning: $85 \times 5 = 425$.

Q10: Rabbit

Reasoning: Pie chart shows rabbit least chosen.

Q11: 7

Reasoning: $2x = 14 \Rightarrow x = 7$.

Q12: 324

Reasoning: $36 \times 9 = 324$.

Q13: 18

Reasoning: 18 divisible by 2 and 3.

Q14: 12

Reasoning: Cube has 12 edges.

Q15: 20

Reasoning: $(10+20+30)/3 = 20$.



SCIENCE SECTION

Q16: Condensation

Reasoning: Water vapor condenses in cold air.

Q17: Condensation

Reasoning: Clouds form from condensation.

Q18: Solid, Liquid, Gas

Reasoning: Three states of matter.

Q19: Brain

Reasoning: Brain controls all actions.

Q20: Jupiter

Reasoning: Jupiter is gas giant.

Q21: Oxygen

Reasoning: Plants release oxygen.

Q22: Gravity

Reasoning: Gravity pulls objects down.

Q23: Young Frog

Reasoning: After tadpole is young frog.

Q24: Less dense

Reasoning: Ice floats as it is less dense.

Q25: Mercury

Reasoning: Closest planet to Sun is Mercury.

Q26: Temperature

Reasoning: Thermometer measures temperature.

Q27: Roots

Reasoning: Roots absorb water.

Q28: Solar/Wind

Reasoning: Renewable energy example.

Q29: Oxygen

Reasoning: Oxygen supports combustion.

Q30: Skull

Reasoning: Skull protects brain.



ENGLISH SECTION

Q31: Football

Reasoning: Children played football in passage.

Q32: are

Reasoning: They are playing football.

Q33: ran

Reasoning: Past tense of run is ran.

Q34: Chair

Reasoning: Odd one out, others are adverbs.

Q35: Large

Reasoning: Synonym of big is large.

Q36: Mice

Reasoning: Plural of mouse is mice.

Q37: Blue

Reasoning: Adjective is Blue.

Q38: b

Reasoning: Correct: He doesn't like mangoes.

Q39: !

Reasoning: Exclamation mark shows excitement.

Q40: Cat stole food

Reasoning: Dog angry because cat stole food.

Q41: End

Reasoning: Antonym of begin is end.

Q42: did

Reasoning: She did her homework yesterday.

Q43: b

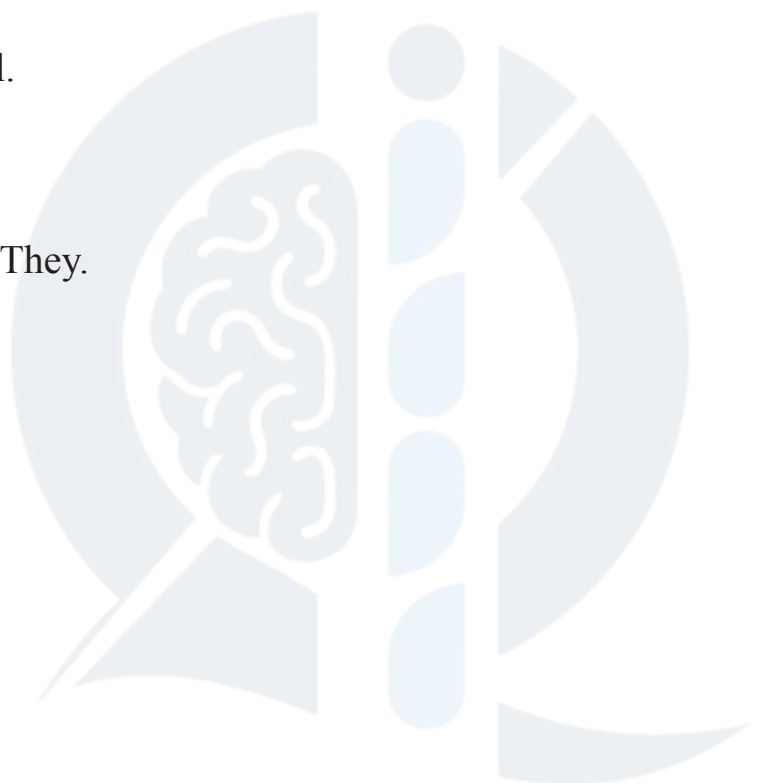
Reasoning: Correct spelling is Beautiful.

Q44: A Brave Fireman

Reasoning: Best title matches story.

Q45: They

Reasoning: Pronoun for Ali and Sara is They.



GENERAL KNOWLEDGE SECTION

Q46: Australia

Reasoning: Smallest continent is Australia.

Q47: India

Reasoning: Taj Mahal is in India.

Q48: Newton

Reasoning: Gravity discovered by Isaac Newton.

Q49: Canberra

Reasoning: Capital of Australia is Canberra.

Q50: Algeria

Reasoning: Largest country in Africa is Algeria.

Q51: Diwali

Reasoning: Festival of Lights is Diwali.

Q52: Canada

Reasoning: Canadian flag has maple leaf.

Q53: Pyramids

Reasoning: Egypt had Pyramids as ancient wonder.

Q54: George Washington

Reasoning: First US President was Washington.

Q55: 5

Reasoning: There are 5 oceans.

Q56: Markhor

Reasoning: National animal of Pakistan is Markhor.

Q57: China

Reasoning: Great Wall is in China.

Q58: Alexander Graham Bell

Reasoning: Telephone invented by Bell.

Q59: Brazil

Reasoning: 2016 Olympics held in Brazil.

Q60: Himalayas

Reasoning: Everest is in Himalayas.

Information Technology Section

Q61: CPU

Reasoning: Brain of computer is CPU.

Q62: Printer

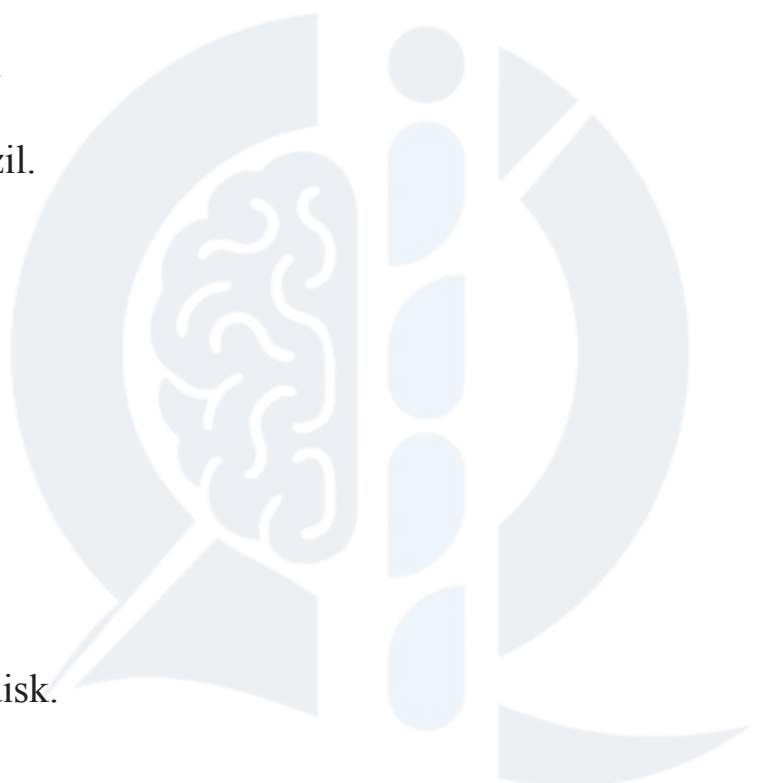
Reasoning: Printer prints documents.

Q63: Keyboard

Reasoning: Device shown is keyboard.

Q64: Hard Disk

Reasoning: Permanent storage in hard disk.



Q65: Mouse

Reasoning: Mouse controls pointer.

Q66: Word Processor

Reasoning: MS Word is a word processor software.

Q67: Switch/Hub

Reasoning: Used to connect computers in network.

Q68: Email

Reasoning: Symbol represents email.

Q69: Universal Serial Bus

Reasoning: USB stands for Universal Serial Bus.

Q70: RAM

Reasoning: Temporary storage is RAM.

Q71: Mobile device

Reasoning: Smartphone is a mobile device.

Q72: Scanner

Reasoning: Scanner scans documents.

Q73: World Wide Web

Reasoning: www stands for World Wide Web.

Q74: Router/Modem

Reasoning: Router connects to internet.

Q75: Enter

Reasoning: Enter key starts new paragraph.

