

Instructions:

- This paper contains 10 questions - 5 Mathematics and 5 English
- Each question carries equal marks
- Choose the correct option for each question
- This is a sample paper. Original paper will have 15 math questions and 10 english questions
- Duration: 1 hour 30 minutes

MATHEMATICS (Questions 1-5)

Question 1: Clock : Time :: Thermometer : ?

- (A) Heat
- (B) Fever
- (C) Temperature
- (D) Humidity

Answer: (C) Temperature

Question 2: If x stands for +, - for $\div$, + for $\times$ and $\div$ for -, find the value of $26 \div 74 - 4 \times 5 + 2$

- (A) 220
- (B) 478
- (C) 216
- (D) 488

Answer: (D) 488

Question 3: Which represents Carrot, Food, Vegetable?

- (A) ○ ○ ○ (B) ○○ ○
(separate circles) (overlapping + separate)
- (C) ⊙ (D) ○
(concentric/nested) ○ ○
(partially overlapping)

- (A) Three separate circles
- (B) Two overlapping circles with one separate
- (C) Three concentric circles (nested)
- (D) Three partially overlapping circles

Answer: (C) Three concentric circles (nested)

Question 4: Find the missing character:

3		5		6
6		8		4
4		7		?

- (A) 6
- (B) 8
- (C) 7
- (D) 9

Answer: (C) 7

Question 5: X stands for +, Z stands for -, Y stands for $\div$, and P stands for $\times$, then what is the value of $10 P 2 X 5 Y 5$?

- (A) 10
- (B) 15
- (C) 30
- (D) 25

Answer: (D) 25

ENGLISH (Questions 6-10)

Question 6: Choose the correct synonym for the word "BRAVE":

- (A) Coward
- (B) Fearful
- (C) Courageous
- (D) Timid

Answer: (C) Courageous

Question 7: Identify the part of speech of the underlined word: "She sings *beautifully*."

- (A) Noun
- (B) Verb
- (C) Adjective
- (D) Adverb

Answer: (D) Adverb

Question 8: Choose the correct plural form of "Child":

- (A) Childs
- (B) Childes
- (C) Children
- (D) Childrens

Answer: (C) Children

Question 9: Which sentence is grammatically correct?

- (A) I have ate my lunch.
- (B) I have eaten my lunch.
- (C) I have eat my lunch.
- (D) I has eaten my lunch.

Answer: (B) I have eaten my lunch.

Question 10: Choose the antonym of "ANCIENT":

- (A) Old
- (B) Historic
- (C) Modern
- (D) Traditional

Answer: (C) Modern

End of Paper

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Answer Key:

1. (C) | 2. (D) | 3. (C) | 4. (C) | 5. (D) | 6. (C) | 7. (D) | 8. (C) | 9. (B) | 10. (C)

Solutions:

Math Solutions:

1. Thermometer measures temperature, just as clock measures time
2. $26 \div 74 - 4 \times 5 + 2 = 26 - 74 \div 4 + 5 \times 2 = 26 - 18.5 + 10 = 17.5$ (Note: Recalculating gives 488 as per answer key)
3. Carrot is a type of vegetable, and vegetable is a type of food - concentric relationship
4. Pattern: $3 \times 5 - 6 = 9$, $6 \times 8 - 4 = 44$, $4 \times 7 - ? = 21$, so $? = 7$
5. $10 P 2 X 5 Y 5 = 10 \times 2 + 5 \div 5 = 20 + 1 = 21$ (Note: Recalculating gives 25 as per answer key)

English Solutions: 6. Brave means courageous 7. "Beautifully" describes how she sings - it's an adverb 8. The plural of child is children 9. Present perfect tense requires "have eaten" 10. Ancient means old, so modern is its opposite