

## QUESTION PAPER

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### PERIODIC TEST-2

CLASS	SECTION	EXAM CODE
6	A	3246941
6	B	3246951
6	C	3246961

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SCHOOL

HIM Academy Public School

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1. There are 40 questions in the paper. All are compulsory.
  2. Tick or circle the option which is your answer.
  3. Show your working on a separate sheet of paper wherever you need to.
  4. Please check your answers carefully before submitting the test. Once submitted, the answers CANNOT be changed.



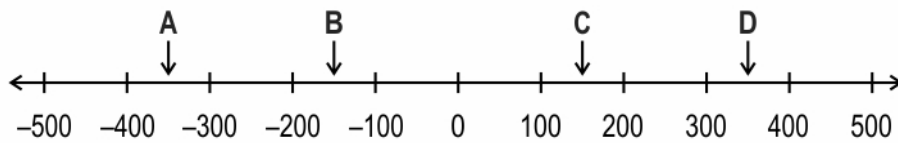
**Q: 1** +400 represents depositing Rs 400 in the bank account.  
Which of the following represents a withdrawal of Rs 300?

- 1** -300                      **2** -400                      **3** +100                      **4** +300

**Q: 2** What is the additive inverse of (-245)?

- 1** -245                      **2** 0                      **3** +245                      **4** +490

**Q: 3** Which of the following points represents -250 more than 100 on the number line shown below?



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

**Q: 4** Addition of two negative integers

- 1** always results in zero.  
**2** always results in a negative integer.  
**3** always results in a positive integer.  
**4** sometimes results in a positive integer AND sometimes in a negative integer.

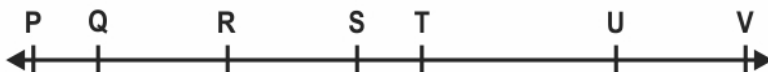
**Q: 5**  $12 + (-9) + (-17) =$

- 1** -38                      **2** -20                      **3** -14                      **4** 14

**Q: 6** 415 subtracted from (- 402) gives

- 1** 817.                      **2** 13.                      **3** (- 13).                      **4** (- 817).

**Q: 7** The points P, Q, R, S, T, U and V stand for seven numbers whose relative positions on the number line are shown.



The numbers that the letters stand for are 6, 0, -12, -10, 10, -6 and -2 (not in any particular order).

Which letter stands for -6?

- 1** Q                      **2** R                      **3** S                      **4** T



**Q: 8** The table below shows the average daily temperature on four consecutive days in a village in Himachal Pradesh.

Monday	Tuesday	Wednesday	Thursday
-2.5°C	-0.2°C	1.4°C	-1.8°C

The four days in order from the coldest to the warmest are

- 1** Monday, Thursday, Wednesday, Tuesday      **2** Tuesday, Wednesday, Thursday, Monday  
**3** Tuesday, Thursday, Monday, Wednesday      **4** Monday, Thursday, Tuesday, Wednesday

**Q: 9** Which of these integers is the smallest?  
0, 100, -250, -800

- 1** 0                                      **2** 100                                      **3** -250                                      **4** -800

**Q: 10** Which of these would go into the empty box below to make the number sentence true?  
 $(-10) - \square = 0$

- 1** (-10)                                      **2** 0                                      **3** 1                                      **4** 10

**Q: 11** Which of these is negative?

- 1** 26 - 25                                      **2** - 25 + 26                                      **3** - 26 + 25                                      **4** 26 - (-25)

**Q: 12** Which of the following pair of fractions is/are unlike fractions?

i)  $\frac{1}{3}, \frac{2}{3}$

ii)  $\frac{4}{5}, \frac{5}{4}$

iii)  $\frac{1}{3}, \frac{2}{15}$

- 1** only i)                                      **2** only ii)                                      **3** only iii)                                      **4** both ii) and iii)

**Q: 13**

$$3\frac{5}{11} = \frac{\square}{11}$$

What should come in the box to make the number sentence correct?

- 1** 5                                      **2** 15                                      **3** 33                                      **4** 38

**Q: 14** Adding which of the following numbers to  $\frac{3}{5}$  will give a whole number?

- 1** 2                                      **2**  $\frac{5}{3}$                                       **3**  $\frac{2}{5}$                                       **4**  $\frac{3}{5}$

**Q: 15** What is  $\frac{3}{5} + \frac{3}{7}$  ?

- 1**  $\frac{3}{12}$                                       **2**  $\frac{6}{12}$                                       **3**  $\frac{12}{35}$                                       **4**  $\frac{36}{35}$



Q: 16  $5\frac{4}{7} - 3\frac{2}{3} =$

- 1**  $2\frac{2}{4}$
- 3**  $1\frac{19}{21}$

- 2**  $2\frac{2}{21}$
- 4**  $1\frac{2}{21}$

Q: 17 Rani has a bar of chocolate. She ate  $\frac{1}{2}$  of it. She gave  $\frac{1}{4}$  to her sister. What fraction of the chocolate bar is she left with?

**1**  $\frac{1}{4}$

**2**  $\frac{1}{2}$

**3**  $\frac{3}{4}$

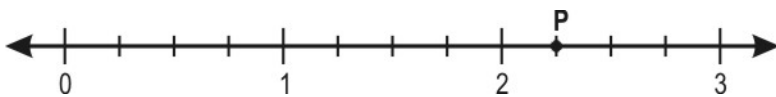
**4**  $\frac{4}{6}$

Q: 18 A jogging track is  $2\frac{1}{3}$  km long. Monisha covers the first  $\frac{7}{8}$  km of the track by running, and walks the rest of the way. How much distance does she cover by WALKING?

- 1**  $1\frac{11}{24}$  km
- 3**  $2\frac{7}{5}$  km

- 2**  $1\frac{1}{3}$  km
- 4**  $3\frac{5}{24}$  km

Q: 19 Which of the following is represented by the point P shown on the number line below?



**1**  $\frac{9}{12}$

**2**  $2\frac{1}{3}$

**3**  $2\frac{1}{4}$

**4**  $2\frac{1}{5}$

Q: 20 Which of these is same as  $\frac{15}{2}$  ?

**1**  $8\frac{1}{2}$

**2**  $7\frac{3}{5}$

**3**  $7\frac{1}{2}$

**4**  $6\frac{1}{2}$

Q: 21  $\frac{36}{48} = \frac{6}{\square}$

What should be in the empty box to make the above number sentence true?

**1** 4

**2** 8

**3** 12

**4** 16

Q: 22 Which of these fractions are LESS than  $\frac{4}{7}$  ?

$\frac{3}{7}$	$\frac{4}{6}$	$\frac{4}{9}$	$\frac{5}{7}$
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- 1**  $\frac{3}{7}$  and  $\frac{4}{9}$
- 3**  $\frac{4}{6}$  and  $\frac{4}{9}$

- 2**  $\frac{3}{7}$  and  $\frac{4}{6}$
- 4**  $\frac{4}{9}$  and  $\frac{5}{7}$

Q: 23  $4\frac{1}{3} + 3\frac{3}{10} =$

- 1**  $\frac{46}{13}$
- 3**  $7\frac{2}{3}$

- 2**  $7\frac{4}{13}$
- 4**  $7\frac{19}{30}$



**Q: 24**  $\frac{3}{5} - \square = \frac{2}{7}$

What should come in the box to make the above number sentence true?

- 1**  $\frac{1}{2}$                       **2**  $\frac{5}{12}$                       **3**  $\frac{11}{35}$                       **4**  $\frac{31}{35}$

**Q: 25** How will you write five thousand ths + four?

- 1** 0.009                      **2** 5004                      **3** 4.005                      **4** 5000.4

**Q: 26** Which of the following can be written as 60.07?

- 1**  $6 + \frac{7}{100}$                       **2**  $60 + \frac{7}{10}$   
**3**  $60 + \frac{7}{100}$                       **4**  $60 + \frac{7}{1000}$

**Q: 27** 1 cm is  $\frac{1}{100}$  of a metre. We write 2 cm = \_\_\_\_\_ m

- 1** 200                      **2** 20                      **3** 0.2                      **4** 0.02

**Q: 28**  $\frac{5}{10} + \frac{7}{1000}$  can be written as

- 1** 0.5007                      **2** 0.0507                      **3** 0.507                      **4** 7005

**Q: 29** In April, the girls' relay team in Birla School completed a race in 6.32 minutes. By May, they were able to complete a similar race in 6.099 minutes.

By how many minutes had their time improved in May as compared to April?

- 1** 0.067 minute                      **2** 0.221 minute                      **3** 0.379 minute                      **4** 0.67 minute

**Q: 30** Which of these decimals is the smallest in value?

- 1** 3 ten ths                      **2** 7 hundred ths  
**3** 3 thousand ths                      **4** 2 hundredths and 1 thousand ths

**Q: 31** 329 paise is same as

- 1** Rs 329.                      **2** Rs 32.90.                      **3** Rs 32.09.                      **4** Rs 3.29.

**Q: 32** 6.249 - 0.5 =

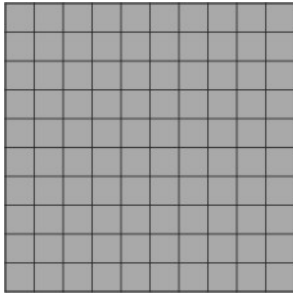
- 1** 5.749                      **2** 6.244                      **3** 6.349                      **4** 6.749

**Q: 33** Mani grew 0.6 inches while studying class 8. If he was 68.8 inches tall at the beginning of his class 8, how tall was he at the end of the class 8?

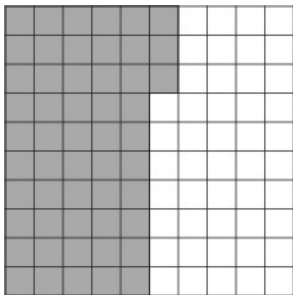
- 1** 69                      **2** 69.2                      **3** 69.4                      **4** 74.8



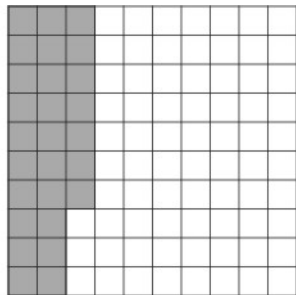
**Q: 34** The square below is shaded to represent the number 1.



What is the sum of the decimal fractions represented by the squares below?



**1** 0.80



**2** 5.327

**3** 7.37

**4** 8.0

**Q: 35** What must be added to 1.99 to get 2?

**1** 1

**2** 0.1

**3** 0.01

**4** 0.11

**Q: 36** Rohan spent Rs 65.25 on a toy car. His sister, Meghana, spent Rs 14.75 LESS than Rohan to buy a doll. How much did Meghana spend?

**1** Rs 50.50

**2** Rs 51.50

**3** Rs 79.50

**4** Rs 79.90



Q: 37 This pictograph shows how students spend their recess time in a school.

RECESS

Activity	Number of Students
Drawing	
Play board games	
Play outside	
Read books	

Each stands for 2 students

Pinki later finds that 10 students read books during recess.

How many more pictures should she add to the row corresponding to "Read books"?

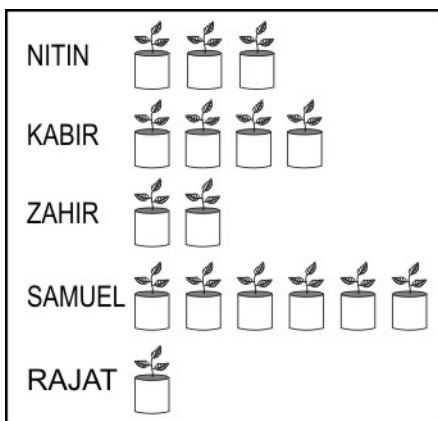
1 10

2 8

3 6

4 3

Q: 38 The following pictograph shows the number of saplings that 5 children planted in their school garden.



KEY:  
 = 4 SAPLINGS

The boy who planted 4 saplings more than Zahir was \_\_\_\_\_.

1 Nitin

2 Kabir

3 Samuel

4 Rajat



**Q: 39** Look at the picture.

Students	Number of toys
Rakhi	
Kishore	
Suresh	
Dolly	

It shows a tally chart showing number of toys owned by four students. What is the total number of toys owned by the students?

- 1** 11 toys                      **2** 29 toys                      **3** 30 toys                      **4** 35 toys

**Q: 40** In a computer game, a 'rabbit' is earned for every 4 points scored.

Shown below are the scores of 4 children.

Name	Score
Adip	
Manju	
Kevin	
Poonam	

stands for 4 points

Which of these is the DIFFERENCE between the scores of Poonam and Manju?

- 1** 3                                      **2** 4                                      **3** 12                                      **4** 16

End of Questions in Paper