



# MATHS

**BOOKS - MCGROW HILL EDUCATION**

**MATHS (HINGLISH)**

**MISCELLANEOUS QUESTIONS TEST**

**PAPER**

**Mcq**

1. Find the missing numbers.

18, 21, 24, 27, ...

A. 32

B. 30

C. 31

D. 29

**Answer: B**



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2. Find the missing numbers.

885, 870, 855, 840, ...

A. 835

B. 855

C. 825

D. 815

**Answer: C**



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3. Find the missing numbers.

3, 9, 27, 81, ...

A. 243

B. 324

C. 342

D. 432

**Answer: A**



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4. Find the missing numbers.

1, 4, 9, 16, 25, ...

A. 35

B. 36

C. 38

D. 34

**Answer: B**



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5. Find the missing numbers.

216, 221, 231, 246, 266, ...

A. 289

B. 271

C. 281

D. 291

**Answer: D**



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6. Find the missing letters.

A, B, D, G, ...

A. L

B. M

C. J

D. K

**Answer: D**



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7. Find the missing letters.

R, M, ..., F, D, C

A. F

B. G

C. H

D. I

**Answer: D**



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**8. Find the missing letters.**

ABZ, BCY, CDX, DEW, ...

A. EFV

B. FEV

C. DEF

D. DEV

**Answer: A**



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9. Find the missing letters.

AYD, BVF, DRH, ... KGL

A. FMI

B. GMJ

C. HLK

D. GLJ

**Answer: B**



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10. ab \_\_ ba \_\_\_ ba \_\_\_

A. bab

B. aba

C. bbb

D. abb

**Answer: C**



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11. abaa \_\_\_ aab \_\_\_ a \_\_\_ a

A. abb

B. aba

C. bab

D. aab

**Answer: C**



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12. aa \_\_\_ b \_\_\_ abb \_\_\_ bb

A. abaa

B. bbaa

C. baaa

D. baba

**Answer: C**



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**13.** a \_\_ ab \_\_ baa \_\_ bb \_\_\_

A. baba

B. abab

C. aabb

D. bbaa

**Answer: B**



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**14.** Find the missing letters/numbers.

F - 1, G - 3, J - 5, O - 8, \_\_

A. W - 3

B. L - 14

C. U - 10

D. Z - 26

**Answer: C**



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**15. Find the missing letters/numbers.**

D - 4, G - 7, I - 9, M - 13, \_\_\_

A. P - 14

B. O - 15

C. Q - 16

D. M - 17

**Answer: C**



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**16.** Find the missing letters/numbers.

B - 3, D - 6, F - 9, H - 12, \_\_\_

A. L - 14

B. M - 13



C. J - 15

D. I - 9

**Answer: C**



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**17.** Find the missing letters/numbers.

3F, 6G, 11I, 18L, \_\_\_

A. 21O

B. 25N

C. 27P

D. 27Q

**Answer: C**



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**18.** In a certain code, MEN is written as MIN and WOMEN is written as WUMIN. How will CHILD be written in the same Code?

A. CHOLD

B. CHELD

C. CHILD

D. CHALD

**Answer: A**



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**19.** If in a certain code, APRIL is written as BQSJM, what is the word whose code is HSFFO?

A. INDIA

B. MARCH

C. GREEN

D. TREES

**Answer: C**



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**20.** In a certain code, SUGAR is written as ARGSU. What is TEAST when decoded?

A. FEAST

B. STATE

C. STEAT

D. ATEST

**Answer: B**



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**21. If  $D = 4$  and  $COVER = 63$  then  $BASIS = ?$**

A. 49

B. 50

C. 54

D. 55

**Answer: B**



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**22.** If DELHI is coded as 73541 and CALCUTTA as 82589662, how can CALICUT be coded?

A. 5279431

B. 5978213

C. 8251896

D. 8543691

**Answer: C**



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**23.** If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH?

A. 246173

B. 214673

C. 214763

D. 216473

**Answer: B**



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**24.** A is the father of C and D is son of B. E is brother of A. If C is sister of D, how is B related to E?



A. Brother

B. Sister

C. Brother-in-law

D. Sister-in-law

**Answer: D**



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**25.** A and B are brothers. C and D are sisters.

A's son is D's brother. How is B related to C?

A. Father

B. Brother

C. Grandfather

D. Uncle

**Answer: D**



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**26.** A woman introduces a man as the son of the brother of her mother. How is the man related to the woman?

A. Nephew

B. Uncle

C. Son

D. Cousin

**Answer: D**



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**27.** A man said to a lady, "your mother's husband's sister is my aunt". How is that lady related to that man?

A. Daughter

B. Grand-daughter

C. Mother

D. Sister

**Answer: D**



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**28.** Choose the same relationship from given four choices as given in original pair.

Visitor : Welcome

A. Warrior : Conquer

B. Worship : God

C. Beggar : Hungry

D. Criminal : Prosecute

**Answer: D**



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**29.** Choose the same relationship from given four choices as given in original pair.

Teeth : Chew

A. Eyes : Flicker

B. Sweater : Heat

C. Food : Taste

D. Mind : Think

**Answer: D**



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**30.** Choose the same relationship from given four choices as given in original pair.

Chalk : Blackboard

A. Table : Chair

B. Door : Handle

C. Type : Paint

D. Ink : Paper

**Answer: D**



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**31.** Choose the appropriate number for the fourth place.

582 : 194 :: 258 : ?

A. 82

B. 86

C. 92

D. 58

**Answer: B**



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**32.** Choose the appropriate number for the fourth place.

$108 : 27 :: 776 : ?$



A. 162

B. 194

C. 137

D. 147

**Answer: B**



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**33.** Choose the diagrams which represent the body, girl and a dog.

A. 

B. 

C. 

D. 

**Answer: A**



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**34.** The venn diagram representing State, Country and Blanket is:

A. 

B. 

C. 

D. 

**Answer: C**

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**35.** A man travels 7 km towards East, he turns left and travels 8 km, again he turns left and travels 10 km. Finally, he turns left and travels

2 km. In which direction is he from his starting point?

A. North-West

B. West

C. East

D. North-East

**Answer: A**



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**36.** Ravi drove 6 km towards East. He then turned right and drove 10 km. He again turned to his right and drove 6 km. He then turned to his left and drove 15 km. At what distance is he from the starting point and in which direction?

A. 25 km, South

B. 21 km, South

C. 15 km, South

D. 21 km, North

**Answer: A**



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**37.** A plane is piloted from a point towards South. The direction is changed first towards right and then towards left. In which direction is the plane from the starting point?

A. South-West

B. North-West

C. West

D. North

**Answer: A**



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**38.** Find out the odd one from the given four words.

A. Knife

B. Sword

C. Axe

D. Shovel

**Answer: D**



**Watch Video Solution**

**39.** Find out the odd one from the given four words.

A. Brother

B. Cousin

C. Nephew



D. Niece

**Answer: A**



**Watch Video Solution**

**40.** Find out the odd one from the given four words.

A. Chair

B. Cupboard

C. Table

D. Paper weight

**Answer: D**



**Watch Video Solution**

**41.** Choose the odd one from the given four choices.

A. 64

B. 96

C. 121

D. 144

**Answer: B**



**Watch Video Solution**

**42.** Choose the odd one from the given four choices.

A. 13 - 31

B. 45 - 54

C. 16 - 61

D. 71 - 88

**Answer: D**



**Watch Video Solution**

**43.** Choose the odd one from the given four choices.

A. BD6

B. FH14

C. JL22

D. NP31

**Answer: D**



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**44.** Choose the odd one from the given four choices.

A. 6 : 16

B. 7 : 19

C. 10 : 27

D. 11:31

**Answer: C**



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**45.** There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group.

Who is the mother?

A. A

B. B

C. D

D. E

**Answer: D**



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**46.** There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There

are two fathers, three brothers and a mother  
in the group.

Who is the E's husband?

A. B

B. C

C. A

D. F

**Answer: C**



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47. There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group.

How many male members are there in the group?

A. One

B. Two

C. Three

D. Four

**Answer: D**



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**48.** There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group.

How is F related to E?

A. Uncle

B. Husband

C. Son

D. Daughter

**Answer: C**



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**49.** There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother

in the group.

Which of the following is a group of brothers?

A. ABF

B. ABD

C. BFC

D. BDF

**Answer: A**



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**50.** Six friends went to a Cyber Cafe. They are to be accommodated in a row of nine rooms, each to a room. A, E and F do not want to be in a room at the end of the row. B and A must not have anybody adjacent to their rooms, There is only an empty room between A and F. C is adjacent to both G and F. E is next to the room at the beginning.

Who has empty rooms on both sides?

A. F

B. B

C. A

D. E

**Answer: C**



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**51.** Six friends went to a Cyber Cafe. They are to be accommodated in a row of nine rooms, each to a room. A, E and F do not want to be in a room at the end of the row. B and A must not have anybody adjacent to their rooms,

There is only an empty room between A and F.  
C is adjacent to both G and F. E is next to the  
room at the beginning.

Who is in the third room?

A. G

B. C

C. No body

D. F

**Answer: A**



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**52.** Six friends went to a Cyber Cafe. They are to be accommodated in a row of nine rooms, each to a room. A, E and F do not want to be in a room at the end of the row. B and A must not have anybody adjacent to their rooms, There is only an empty room between A and F. C is adjacent to both G and F. E is next to the room at the beginning.

Which rooms are empty?

A. 1, 6, 8



B. 1, 5, 8

C. 4, 5, 6

D. 5, 6, 8

**Answer: A**



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**53.** Find the 9th term of the arithmetic progression 1, 3.5, 6, 8.5, .....



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54. If '-' means ' × ' '+' means ' ÷ ' ' × ' means '+' and ' ÷ ' means '-', then :

$$16 + 4 \div 5 - 2 \times 3 = ?$$

A.  $2\frac{1}{3}$

B.  $-2\frac{1}{3}$

C. -3

D. 4

**Answer: C**



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55. If '-' means ' $\times$ ', '+' means ' $\div$ ', ' $\times$ ' means '+' and ' $\div$ ' means '-', then :

$$9 \div 12 + 3 \times 7 - 2 = ?$$

A. 2

B. 19

C. -1

D. 17

**Answer: B**



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56. If '-' means ' $\times$ ', '+' means ' $\div$ ', ' $\times$ ' means '+' and ' $\div$ ' means '-', then :

$$4 - 3 \div 8 \times 6 + 4 = ?$$

A.  $-3\frac{1}{2}$

B.  $-4\frac{3}{4}$

C.  $5\frac{1}{2}$

D. 6

**Answer: C**



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57. Two signs in each equation have been interchanged. Find them out to get the right result.

$$25 - (6 + 3) \times (36 \div 4) = 16$$

A.  $\times$  ,  $+$

B.  $-$  ,  $+$

C.  $\times$  ,  $\div$

D.  $\div$  ,  $+$

**Answer: A**



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58. Two signs in each equation have been interchanged. Find them out to get the right result.  $(3 \times 7) + (6 + 4) - (12 \div 4) = -2$

A.  $\times$  ,  $+$

B.  $-$  ,  $+$

C.  $\times$  ,  $\div$

D.  $\div$  ,  $+$

**Answer: D**



**59.** Two signs in each equation have been interchanged. Find them out to get the right result.

$$(14 - 7) \div (6 \div 3) - (9 \times 4 + 6) = 10$$

A.  $\times$  ,  $+$

B.  $\div$  ,  $\times$

C.  $+$  ,  $\div$

D.  $+$  ,  $-$

**Answer: C**



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60. 

A. 57

B. 59

C. 63

D. 67

**Answer: B**





[View Text Solution](#)

61. 

A. 25

B. 45

C. 17

D. 65

**Answer: D**



[View Text Solution](#)

62. 

A. 519

B. 81

C. 100

D. 529

**Answer: D**



**View Text Solution**

**63.** The priest told the devotee, "The temple bell is rung at regular intervals of 45 minutes. The last bell was rung five minutes ago. The next bell is due to be rung at 7.45 a.m." At what time did the priest give this information to the devotee?

A. 7.40 a.m.

B. 7.05 a.m.

C. 6.55 a.m.

D. None of these

**Answer: B**



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**64.** If on  $14^{th}$  day after  $5^{th}$  March be Wednesday, day of the week will fall on  $10^{th}$  Dec. of the same year?

A. Friday

B. Wednesday

C. Thursday

D. Tuesday

**Answer: B**



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**65.** If the day before yesterday was Saturday, what day will fall on the day after tomorrow?

A. Friday

B. Thursday

C. Wednesday

D. Tuesday

**Answer: C**



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**66.** 1. 12. 91 is the first Sunday. Which is the fourth Tuesday of December 91?

A. 17. 12. 91

B. 24. 12. 91

C. 26. 12. 91

D. 31. 12. 91

**Answer: C**



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**67.** Rajan remembers that Roshan was born after 15<sup>th</sup> March and before 20<sup>th</sup> March. But his father remembers that Roshan was born after 18<sup>th</sup> March and before 24<sup>th</sup> March. What is the date of birth of Roshan?

A. 18<sup>th</sup> March

B. 19<sup>th</sup> March

C. 20<sup>th</sup> March

D. None of these

**Answer: B**



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**68.** If February 1, 1996 is Wednesday, what day is March 3, 1996?

A. Monday

B. Sunday



C. Saturday

D. Friday

**Answer: C**



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**69.** If all the numbers from 7 to 59, which are divisible by 3 are arranged in descending order then which number will be at  $10^{th}$  place from the bottom?

A. 36

B. 39

C. 30

D. 27

**Answer: A**



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**70.** Count each 7 which is not immediately preceded by 5 but is immediately followed by

either 2 or 3. How many such 7's are there? 5 7

2 6 5 7 3 8 3 7 3 2 5 7 2 7 3 4 8 2 6 7 8

A. 2

B. 3

C. 4

D. 5

**Answer: A**



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71. If the numbers which are divisible by 3 from 1 to 61 are arranged in descending order, then which numbers will be at  $5^{th}$  place and at  $15^{th}$  place from above?

A. 45, 18

B. 48, 18

C. 48, 21

D. 45, 21

**Answer: B**



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72. If the position of the first and the sixth digits of the sequence of numbers 8 9 0 3 2 1 4 6 7 5 are interchanged, the second and the seventh and so on, which number would be seventh from the right end?

A. 2

B. 6

C. 7

D. 8

**Answer: C**



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**73.** There are 23 steps to reach a temple. On descending from the temple Ram takes two steps in the same time. Shyam ascends one step. If they start to work simultaneously, at which step will they pass each other?

A.  $8^{th}$

B.  $9^{th}$

C.  $10^{th}$

D.  $11^{th}$

**Answer: A**



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**74.** If all the numbers which are divisible by 3 and 6 from 5 to 75 are arranged in ascending order, then which number will be at  $7^{th}$  place from the bottom?

A. 42

B. 36

C. 30

D. 24

**Answer: A**



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