



MATHS

BOOKS - MCGROW HILL EDUCATION

MATHS (HINGLISH)

SERIES COMPLETION TEST

Type 1 Example Solution

1. 7, 28, 49, 70, 91, 112,

A. 135

B. 134

C. 133

D. 130

Answer: C



Watch Video Solution

2. 7, 12, 19, 28, 39,

A. 49

B. 57

C. 50

D. 52

Answer: D



Watch Video Solution

3. 3, 7, 15, 27, 43, 63,

A. 86

B. 87

C. 89

D. 90

Answer: B



Watch Video Solution

4. 17, 19, 22, 27, 34, 45, ...

A. 58

B. 57

C. 56

D. 59

Answer: A



Watch Video Solution

5. 1, 2, 6, 15, 31,

A. 47

B. 52

C. 55

D. 56

Answer: D



Watch Video Solution

6. 5, 11, 23, 47, 95, ...

A. 191

B. 161

C. 169

D. 190

Answer: A



Watch Video Solution

7. 11, 23, 48, 99, ..., 409.

A. 200

B. 202

C. 201

D. 205

Answer: B



Watch Video Solution

8. 0, 6, 24, 60, ..., 210.

A. 117

B. 119

C. 120

D. 126

Answer: C



Watch Video Solution

9. 0, 4, 6, 3, 7, 9, 6, ..., 12.

A. 8

B. 10

C. 11

D. 14

Answer: B



Watch Video Solution

10. 1, 1, 3, 9, 6, 36, 10, 100, ..., 225

A. 15

B. 16

C. 20

D. 25

Answer: A



Watch Video Solution

Type 2 Example Solution

1. Find a wrong number in the series:

7, 28, 63, 124, 215, 342, 511.

A. 7

B. 28

C. 124

D. 215

Answer: B



Watch Video Solution

2. Find a wrong number in the series:

9, 19, 37, 75, 149, 297.

A. 75

B. 37

C. 19

D. 297

Answer: D



Watch Video Solution

3. Find the wrong number in the series:

8, 13, 21 32, 47, 63, 83.

A. 13

B. 21

C. 32

D. 47

Answer: D



Watch Video Solution

1. निम्नलिखित समुच्चयों को समुच्चय निर्माण रूप में लिखिए।

$$D = \{5, 7, 11, 13, 17, 19, 23, 29\}$$

A. 26

B. 27

C. 29

D. 31

Answer: C



Watch Video Solution

2. 8, 9, 11, 14, 18, 23,

A. 28

B. 30

C. 32

D. 29

Answer: D



Watch Video Solution

3. 13, 24, 46, 90, 178,

A. 354

B. 266

C. 364

D. 344

Answer: A



Watch Video Solution

4. 5, 6, 10, 19, 35 ?

A. 45

B. 48

C. 60

D. 62

Answer: C



Watch Video Solution

5. 11, 12, 20, 47, ...

A. 91

B. 101

C. 111

D. 121

Answer: C



Watch Video Solution

6. 54, 165, 276, 387,

A. 498

B. 496

C. 497

D. 501

Answer: A



Watch Video Solution

7. complete the following series

7, 15, 31, 63, 127,

A. 254

B. 265

C. 253

D. 255

Answer: D



Watch Video Solution

8. complete the following series

11, 23, 48, 99, 202,

A. 409

B. 408

C. 407

D. 406

Answer: A



Watch Video Solution

9. complete the series

23, 48, 99, 203, 413, ...

A. 927

B. 837

C. 937

D. 437

Answer: B



Watch Video Solution

10. complete the following series

5, 7, 10, 15, 22,

A. 31

B. 32

C. 38

D. 33

Answer: D



Watch Video Solution

11. complete the following series

2, 12, 30, 56, 90, ...

A. 110

B. 121

C. 132

D. 143

Answer: C



Watch Video Solution

12. find the missing number in the series

2, 10, 26, 50, 82, ...

A. 110

B. 112

C. 120

D. 122

Answer: D



Watch Video Solution

13. find the missing number in the series

7, 15, 29, 59, 117,

A. 230

B. 231

C. 233

D. 235

Answer: D



Watch Video Solution

14. find the missing number in the following series

10, 19, 40, 77, 158,

A. 311

B. 307

C. 301

D. 299

Answer: A



Watch Video Solution

15. find the missing number in the following series

98, 72, 14,

A. 9

B. 8

C. 6

D. 4

Answer: D



Watch Video Solution

16. find the missing number in the following series

0, 6, 24, 60, 120, 210,

A. 240

B. 290

C. 336

D. 504

Answer: C



Watch Video Solution

17. 1, 3, 3, 6, 7, 9, ... 12, 21.

A. 10

B. 11

C. 12

D. 13

Answer: D



Watch Video Solution

18. find the missing number in the following series:-

0, 2, 3, 5, 8, 10, 15, 17, 24, 26,

A. 35

B. 32

C. 30

D. 28

Answer: A



Watch Video Solution

19. 2, 3, 5, 8, 13, 21, ...

A. 29

B. 30

C. 32

D. 34

Answer: D



Watch Video Solution

20. find the next term in the series

4, 6, 12, 14, 28, 30,

A. 32

B. 60

C. 58

D. 56

Answer: B



Watch Video Solution

21. complete the following series

10, 15, 30, 45, 90,

A. 100

B. 110

C. 125

D. 135

Answer: D



Watch Video Solution

22. 840, 168, 42, 14, 7,

A. 1

B. 7

C. 9

D. 3

Answer: B



Watch Video Solution

23. 1, 4, 2, 8, 6, 24, 22, 88,

A. 86

B. 90

C. 154

D. 352

Answer: A



Watch Video Solution

24. 225, 336, 447, 558, ___, 7710

A. 690

B. 660

C. 689

D. 669

Answer: D



Watch Video Solution

25. 28, 34, 45, 61, 72,

A. 78

B. 83

C. 88

D. 80

Answer: A



Watch Video Solution

1. 703, 655, 607, 559, 511, 463, ...

A. 413

B. 414

C. 415

D. 416

Answer: C



Watch Video Solution

2. 17, 21, 37, 73, 137, 237,

A. 363

B. 369

C. 375

D. 381

Answer: D



Watch Video Solution

3. 7, 26, 63, 124, 215, 342, ...

A. 511

B. 512

C. 513

D. 521

Answer: A



Watch Video Solution

4. 127, 128, 136, 163, 227,

A. 352

B. 350

C. 357

D. 341

Answer: A



Watch Video Solution

5. 5, 11, 25, 55, 117, 243,

A. 511

B. 499

C. 498

D. 497

Answer: D



Watch Video Solution

6. 1, 4, 27, 16, 125, 36, ...

A. 343

B. 64

C. 121

D. 216

Answer: A



Watch Video Solution

7. 9, 19, 37, 75, 149, 299,

A. 598

B. 597

C. 599

D. 697

Answer: B



Watch Video Solution

8. 23, 35, 57, 711,

A. 713

B. 911

C. 913

D. 1113

Answer: D



Watch Video Solution

9. 13, 17, 33, 97, 353, ...

A. 1377

B. 653

C. 712

D. 1273

Answer: A



Watch Video Solution

10. 3, 7, 13, 21, 31,

A. 40

B. 41

C. 42

D. 43

Answer: D



Watch Video Solution

11. 73, 71, 67, 61, 59,

A. 57

B. 55

C. 53

D. 51

Answer: C



Watch Video Solution

12. 3, 15, 35, 63, 99,

A. 133

B. 143

C. 153

D. 165

Answer: B



Watch Video Solution

13. complete the series

10, 12, 16, 24, 40,

A. 60

B. 56

C. 70

D. 72

Answer: D



Watch Video Solution

14. complete the following series

4, 9, 25, 49,

A. 64

B. 81

C. 121

D. 125

Answer: C



Watch Video Solution

15. complete the following series

11, 26, 56, 101, 161,

A. 236

B. 226

C. 216

D. 206

Answer: A



Watch Video Solution

16. 2, 7, 28, 63, 126,

A. 210

B. 213

C. 215

D. 219

Answer: C



Watch Video Solution

17. 3, 15, 35, 63, 99,

A. 133

B. 137

C. 139

D. 143

Answer: D



Watch Video Solution

18. 2, 7, 24, 77, 238,

A. 721

B. 722

C. 723

D. 733

Answer: C



Watch Video Solution

19. 999, 730, 511, 344, 215,

A. 123

B. 126

C. 125

D. 130

Answer: B



Watch Video Solution

20. 5, 10, 19, 36, 69,

A. 128

B. 129

C. 132

D. 134

Answer: D



Watch Video Solution

21. 721, 618, 515, 412, 309,

A. 106

B. 216

C. 206

D. 139

Answer: C



Watch Video Solution

22. complete the series

8, 24, 48, 80, 120,

A. 158

B. 162

C. 164

D. 168

Answer: D



Watch Video Solution

23. 7, 65, 215, 513, 999,

A. 888

B. 1000

C. 1001

D. 1729

Answer: D



Watch Video Solution

24. complete the following series

11, 14, 24, 41, 65,

A. 91

B. 93

C. 96

D. 99

Answer: C



25. 23, 27, 43, 79, 143,

A. 244

B. 243

C. 242

D. 241

Answer: B



Exercise 2 Set I

1. find the wrong number in the series

24, 27, 31, 33, 36, 39

A. 24

B. 27

C. 31

D. 33

Answer: C



Watch Video Solution

2. 225, 196, 169, 144, 121, 80

A. 80

B. 121

C. 169

D. 196

Answer: A



Watch Video Solution

3. find the wrong term in the series

1, 2, 4, 8, 16, 32, 64, 96

A. 4

B. 32

C. 64

D. 96

Answer: D



Watch Video Solution

4. 3, 10, 27, 4, 16, 64, 5, 25, 125

A. 3

B. 4

C. 10

D. 28

Answer: C



Watch Video Solution

5. 1, 3, 7, 15, 27, 63, 127

A. 7

B. 15

C. 27

D. 63

Answer: C



Watch Video Solution

6. find the wrong term in the series

5, 10, 17, 24, 37, 50, 65

A. 10

B. 17

C. 24

D. 37

Answer: C



Watch Video Solution

7. 1, 3, 10, 21, 64, 129, 256, 777

A. 10

B. 21

C. 129

D. 256

Answer: D



Watch Video Solution

8. 5, 27, 61, 122, 213, 340, 509

A. 27

B. 61

C. 122

D. 509

Answer: A



Watch Video Solution

9. find the next term in the series

2, 5, 10, 17, 26, 37, 50

A. 17

B. 26

C. 37

D. 65

Answer: D



Watch Video Solution

10. 1, 5, 5, 9, 7, 11, 11, 15, 12, 17

A. 11

B. 12

C. 17

D. 15

Answer: B



Watch Video Solution

11. 13, 17, 19, 23, 27, 31

A. 13

B. 19

C. 27

D. 31

Answer: C



Watch Video Solution

12. find the wrong term

1, 8, 27, 64, 100, 125

A. 8

B. 27

C. 64

D. 100

Answer: D



Watch Video Solution

13. 17, 18, 22, 31, 46, 72

A. 17

B. 18

C. 31

D. 46

Answer: D



Watch Video Solution

14. 225, 375, 312, 431, 261, 711

A. 225

B. 312

C. 431

D. 261

Answer: C



Watch Video Solution

15. 4, 9, 16, 25, 49, 121

A. 4

B. 9

C. 16

D. 121

Answer: C



Watch Video Solution

16. 7, 15, 33, 69, 149, 307

A. 15

B. 33

C. 69

D. 307

Answer: C



Watch Video Solution

17. 33, 88, 121, 187, 287, 341

A. 88

B. 121

C. 187

D. 287

Answer: D



Watch Video Solution

18. 73, 94, 115, 136, 147, 178

A. 94

B. 136

C. 147

D. 178

Answer: C



Watch Video Solution

19. 126, 135, 144, 216, 154, 801

A. 154

B. 216

C. 271

D. 801

Answer: C



Watch Video Solution

20. 76, 89, 115, 167, 271, 489

A. 115

B. 167

C. 271

D. 489

Answer: D



Watch Video Solution

21. 35, 48, 99, 120, 195, 234

A. 99

B. 120

C. 195

D. 234

Answer: D



Watch Video Solution

22. 73, 77, 79, 83, 89, 97

A. 73

B. 77

C. 79

D. 83

Answer: B



Watch Video Solution

23. 36, 48, 510, 612, 714, 818

A. 510

B. 612

C. 714

D. 818

Answer: D



Watch Video Solution

24. 2916, 972, 354, 108, 36, 12

A. 2916

B. 972

C. 354

D. 36

Answer: C



Watch Video Solution

25. 11, 21, 43, 85, 171, 343

A. 21

B. 85

C. 171

D. 343

Answer: D



Watch Video Solution

1. 24, 39, 416, 525, 636, 714

A. 39

B. 416

C. 525

D. 714

Answer: D



Watch Video Solution

2. 8, 25, 76, 229, 688, 2055

A. 8

B. 76

C. 688

D. 2055

Answer: D



Watch Video Solution

3. 56, 91, 175, 417, 777

A. 56

B. 91

C. 175

D. 417

Answer: D



Watch Video Solution

4. Find the wrong term

5, 17, 37, 65, 101, 155

A. 17

B. 65

C. 101

D. 155

Answer: D



Watch Video Solution

5. 17, 34, 51, 68, 95, 102

A. 17

B. 34

C. 51

D. 95

Answer: D



Watch Video Solution

6. 5, 7, 74

10, 9, 184

A. 184

B. 9

C. 10

D. 74

Answer: A



Watch Video Solution

7. 11, 23, 50, 109, 234, 491

A. 50

B. 23

C. 491

D. 234

Answer: C



Watch Video Solution

8. 45, 99, 153, 198, 222, 333

A. 99

B. 153

C. 198

D. 222

Answer: D



Watch Video Solution

9. 25, 49, 121, 289, 529, 1225

A. 121

B. 289

C. 529

D. 1225

Answer: C



Watch Video Solution

10. 97, 101, 103, 107, 111, 113

A. 113

B. 111

C. 107

D. 101

Answer: B



Watch Video Solution

11. 4, 9, 25, 36, 121, 169

A. 4

B. 25

C. 36

D. 121

Answer: C



Watch Video Solution

12. 23, 27, 43, 107, 235, 1387

A. 23

B. 27

C. 107

D. 235

Answer: D



Watch Video Solution

13. 11, 24, 52, 110, 228, 456

A. 11

B. 24

C. 52

D. 456

Answer: D



Watch Video Solution

14. 123, 358, 718, 628, 528, 314

A. 358

B. 718

C. 628

D. 528

Answer: D



Watch Video Solution

15. 21, 24, 33, 70, 141, 384

A. 70

B. 21

C. 24

D. 33

Answer: A



Watch Video Solution

16. 27, 63, 123, 153, 203, 273

A. 273

B. 203

C. 123

D. 153

Answer: B



Watch Video Solution

17. 49, 121, 169, 289, 371, 529

A. 529

B. 371

C. 169

D. 121

Answer: B



Watch Video Solution

18. Find the wrong term

9, 15, 27, 51, 101, 195

A. 9

B. 15

C. 27

D. 101

Answer: D



Watch Video Solution

19. 23, 35, 57, 711, 1113, 1316

A. 23

B. 35

C. 57

D. 1316

Answer: D



Watch Video Solution

20. 35, 63, 105, 121, 133, 210

A. 35

B. 63

C. 105

D. 121

Answer: D



Watch Video Solution

21. 7, 26, 65, 124, 215, 342

A. 7

B. 26

C. 65

D. 124

Answer: C



Watch Video Solution

22. 1, 4, 27, 16, 25, 36

A. 4

B. 27

C. 16

D. 25

Answer: B



Watch Video Solution

23. 517, 661, 814, 922, 1066, 1256

A. 661

B. 814

C. 1256

D. 922

Answer: C



View Text Solution

24. 837, 612, 549, 422, 342, 216

A. 837

B. 612

C. 422

D. 342

Answer: C



View Text Solution

25. 23, 13, 34, 25, 56, 51

A. 23

B. 13

C. 34

D. 51

Answer: D



[View Text Solution](#)

26. 123, 14, 246, 56, 369, 125

A. 123

B. 14

C. 246

D. 125

Answer: D



[Watch Video Solution](#)

27. 23, 57, 40, 27, 51, 36

A. 23

B. 36

C. 27

D. 51

Answer: B



Watch Video Solution

28. 2, 5, 11, 22, 32, 47

A. 2

B. 11

C. 22

D. 32

Answer: C



Watch Video Solution

29. 97, 77, 59, 43, 26, 17

A. 77

B. 59

C. 43

D. 26

Answer: D



Watch Video Solution

30. 47, 121, 169, 225, 289, 361

A. 225

B. 121

C. 49

D. 361

Answer: A



Watch Video Solution

31. 825, 645, 354, 312, 915, 715

A. 715

B. 915

C. 312

D. 354

Answer: A



Watch Video Solution

32. 6, 19, 56, 169, 508, 1519

A. 19

B. 169

C. 508

D. 1519

Answer: C



Watch Video Solution

33. 64, 8, 36, 6, 12, 4

A. 64

B. 36

C. 6

D. 12

Answer: D



Watch Video Solution

34. 9, 13, 21, 37, 61, 133

A. 61

B. 37

C. 21

D. 13

Answer: A



Watch Video Solution

35. 10, 34, 74, 130, 204, 290

A. 34

B. 74

C. 130

D. 204

Answer: D



Watch Video Solution

1. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

Z, X, V, T, R,,

A. O, K

B. N, M

C. K, S

D. P, N

Answer: D



Watch Video Solution

2. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

ND, IY, DT, YO, TJ,

A. MP

B. NQ

C. OF

D. OE

Answer: D



Watch Video Solution

3. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

AZ, CX, FU,

A. IR

B. IV

C. JQ

D. KP

Answer: C



4. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

CE, GI, KM, OQ,

A. TW

B. TV

C. SU

D. RT

Answer: C





Watch Video Solution

5. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

JE, LH, OL, SQ,

A. WV

B. WX

C. VW

D. XW

Answer: D



Watch Video Solution

6. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

BDF, CFI, DHL,

A. CJM

B. EIM

C. EJO

D. EMI

Answer: C



Watch Video Solution

7. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

YEB, WFD, UHG, SKI,

A. QOL

B. QGL

C. TOL

D. QNL

Answer: A



Watch Video Solution

8. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

A, CD, GHI,, UVWXY

A. LMNO

B. MNOL

C. NOPQ

D. MNOP

Answer: D



Watch Video Solution

9. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

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

A. 21 O

B. 25 N

C. 27 P

D. 27 Q

Answer: C



Watch Video Solution

10. A B C D E F G H I J K L M N O P Q R S T U V W

X Y Z

C 4X, F 9 U, I 16 R,

A. K 25 P

B. L 25 P

C. L 25 O

D. L 27 P

Answer: C



Watch Video Solution

Exercise 4 Type Iv

1. a - bbc - aab - c ca - bbc c

A. bacb

B. acba

C. abba

D. caba

Answer: B



Watch Video Solution

2. aab - aa - bbb - aaa - bbb

A. abba

B. baab

C. aaab

D. abab

Answer: B



Watch Video Solution

3. bc - b - c - b - c c b

A. cbc b

B. bbc b

C. cbbc

D. bc b c

Answer: A



Watch Video Solution

4. abb - baa - a - bab - ab

A. abba

B. abab

C. c cac

D. aabb

Answer: A



Watch Video Solution

5. abca - bcaab - ca - bbc -

A. c caa

B. bbaa

C. abac

D. abba

Answer: C



Watch Video Solution

6. — — aba — — ba — ab

A. $abbba$

B. $abbab$

C. $baabb$

D. $bbaba$

Answer: B



Watch Video Solution

7. c - b ba - cab -ac -ab -ac

A. abcbc

B. acbcb

C. babc c

D. bcacb

Answer: B



View Text Solution

8. The following questions are based on letter series in which some letters are missing. The missing letters are given in a proper sequence as one of the alternatives among the given four alternatives under each question b - b - bb - - bbb - bb - b

A. bbbba

B. bbaaab

C. ababab

D. aabaab

Answer: C



View Text Solution

9. The following questions are based on letter series in which some letters are missing. The missing letters are given in a proper sequence as one of the alternatives among the given four alternatives under each question ab - bc - c - ba - c

A. baac

B. aabb

C. caab

D. aaab

Answer: C



Watch Video Solution

10. The following questions are based on letter series in which some letters are missing. The missing letters are given in a proper sequence as one of the alternatives among the given

four alternatives under each question a - ca -

bc - bc c - bca

A. bbaa

B. bbab

C. abbb

D. baba

Answer: A



View Text Solution

11. aab - aaa - bba -

A. baa

B. abb

C. babc c

D. aab

Answer: A



Watch Video Solution

12. ba - cb - b - bab -

A. acbb

B. bac c

C. bcaa

D. cabb

Answer: B



Watch Video Solution

13. c c cbb - aa - c c - bbbaa -

A. acbc

B. baca

C. baba

D. acba

Answer: B



Watch Video Solution

14. — *stt* — *tt* — *tts* —

A. *tsst*

B. *ttst*

C. *sstt*

D. *tsst*

Answer: D



Watch Video Solution

15. — $nmmn$ — $mmnn$ — $mnnm$ —

A. $nmmn$

B. $mnnm$

C. $nnmm$

D. $nmnm$

Answer: C



Watch Video Solution

16. The following questions are based on letter series in which some letters are missing. The missing letters are given in a proper sequence as one of the alternatives among the given four alternatives under each question bca -b- aabc - a - caa

A. acab

B. bcbb

C. cbab

D. c cab

Answer: A



Watch Video Solution

**17. Complete the sequence ac - cab - baca - aba
- acac**

A. aacb

B. acbc

C. babb

D. bcbb

Answer: A



View Text Solution

18. If a, b, c are in H.P and $ab + bc + ca = 15$
then $ca =$

A. $bbaa$

B. $bbab$

C. $aabb$

D. $baba$

Answer: A



Watch Video Solution

19. Complete the sequence

— acca — ccca — acccc — aaa

A. ac c a

B. caaa

C. c caa

D. caac

Answer: B



View Text Solution

20. Complete the sequence b - ac - c c - cb - ab -
ac

A. cbaba

B. bbaac

C. abbbc

D. aabba

Answer: D



View Text Solution

21. – $AN - B - N - BA - G$

A. GBANB

B. NA AGB

C. BGAGN

D. BAGAN

Answer: C



Watch Video Solution

22. — — G — C — GK — PG —

A. KCPCPK

B. CPKPCK

C. PKCPCPK

D. CPPKCP

Answer: B



Watch Video Solution

23. – *CP* – *D* – *P* – *DC* – *I*

A. DCIPD

B. IC C IP

C. PCICD

D. DICIP

Answer: D



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24. — — *G* — *A* — *GT* — *M* — *T*

A. AMTMAG

B. MTAGAM

C. GAMATG

D. TMTAGM

Answer: A



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25. $-T - CN - P - NT - C$

A. PNTCT

B. TC C TN

C. NPTCP

D. NPCPT

Answer: C



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