REASONING

Classification Worksheet for MAH MCA CET 2025

For students preparing for MCA Entrance Exam

1. Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)
   A. 2 - 6
   B. 4 - 20
   C. 5 - 30
   D. 8 - 75

2. The second number in the given number pairs is obtained by performing certain mathematical operations(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.
   A. 5:20
   B. 4:12
   C. 7:42
   D. 6:36

3. Find the odd number-pair.
   A. 20:11
   B. 6:4
   C. 15: 9
   D. 12: 7

4. Select the odd letter-cluster.
   A. BFJN
   B. DHLP
   C. HJKP
   D. JNRV

5. Which triad does NOT belong to the group?
   A. 36:13:7
   B. 16:9:5
   C. 72:16:8
   D. 1:3:2

6. Pick the odd one out.
   A. KPH
   B. GTD
   C. DWA
   D. EVC

7. Select the letter-cluster that is different.
   A. DFJL
   B. KMOQ
   C. ACGI
   D. HJNP

8. Find the odd number-pair. (NOTE: The relation should be found without breaking down the numbers into its constituent digits)
   A. 6286: 1965
   B. 6571: 2448
   C. 8247: 3926
   D. 6903: 2582

9. Find the odd number pair,
   A. (87, 522)
   B. (84, 672)
   C. (92, 552)
   D. (64, 384)

10. Pick the odd one out.
   A. JQM
   B. DWG
   C. BXE
   D. AZD

11. Which triad does NOT belong to the group?
   A. 12: 47: 60
   B. 4: 16: 20
   C. 2: 7: 10
   D. 5: 19: 25

12. Three of the following four letter- clusters are alike in a certain way and one is different. Pick the odd one out.
AFKP, GKPS, SXCH, JOTY
   A. JOTY
   B. SXCH
   C. GKPS
   D. AFKP

13. Three of the following four letter- clusters are alike in a certain way and one is different. Pick the odd one out.
   A. HMS
   B. AFZ
   C. KQP
   D. DIW

14. Find the odd number-pair.
(NOTE: The relation should be found without breaking down the numbers into its constituent digits)
   A. 225: 169
   B. 361: 400
   C. 529: 576
   D. 441: 484

15. Find the odd number pair.
   A. 4: 70
   B. 3: 30
   C. 6: 222
   D. 7: 350

16. Pick the odd one out.
   A. CAX
   B. AYZ
   C. FDU
   D. HDS

17. Pick the odd one out.
PTXB, GKOS, HKNQ, MQUY
   A. PTXB
   B. MQUY
   C. GKOS
   D. HKNQ

18. Find the odd number pair.
   A. (15, 240)
   B. (13, 180)
   C. (11, 132)
   D. (16,272)

19. Find the odd number pair
   A. 81:19
   B. 121:23
   C. 1:3
   D. 64:9

20. Select the letter-cluster that is different.
   A. HLOP
   B. FHJL
   C. AEHI
   D. QUXY

21. Find the odd number-pair.
   A. (24,195)
   B. (26,211)
   C. (25,200)
   D. (36,291)

22. Find the odd number-pair.
   A. 7: 46
   B. 13: 166
   C. 9:78
   D. 48:144

23. Find the odd number-pair.
   A. 23:153
   B. 15:97
   C. 16:106
   D. 26:174

24. Find the odd number-pair.
   A. 9:1458
   B. 3:54
   C. 5:685
   D. 5:250

25. Pick the odd one out.
   A. PUXZ
   B. CHLP
   C. TYBD
   D. SXAC

26. Find the odd number-pair.
   A. 80:9
   B. 142:12
   C. 23:5
   D. 7:3

27. Pick the odd one out.
   A. CXG
   B. IRM
   C. BYF

D. GUK

28. Find the odd number pair.
    A. (6,1260)
    B. (5, 600)
    C. (7, 2050)
    D. (4, 240)

29. Find the odd number pair.
    A. 19:363
    B. 13:171
    C. 3:17
    D. 7:51

30. Select the odd letter-cluster.
    A. DJOS
    B. BHMQ
    C. PTXA
    D. HNSW

31. Find the odd number pair.
    A. (8,62)
    B. (10, 100)
    C. (14, 194)
    D. (12,142)

32. Find the odd number-pair.
    A. (7,89)
    B. (8, 102)
    C. (5, 60)
    D. (6,76)

33. Select the odd letter-cluster.
    A. HJNT
    B. PRVB
    C. SUXZ
    D. MOSY

34. Find the odd number pair.
    A. (64,48)
    B. (72,27)
    C. (96,72)
    D. (108,81)

35. Select the set in which the numbers are NOT related in the same way as are the numbers of the following sets.
(4,11,137)
(3, 12, 153)
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)

A. (7,8,113)
B. (13, 14, 365)
C. (9, 11, 202)
D. (4,3,61)

36. Find the odd number pair.
    A. (2,24)
    B. (4,320)
    C. (5,430)
    D. (3,108)

37. Find the odd number pair.
    A. (1000, 125)
    B. (216, 49)
    C. (1728, 216)
    D. (512, 64)

38. Which triad does NOT belong to the group?
    A. 11:21:121
    B. 2:3:4
    C. 7:15:49
    D. 9:17:81

39. Pick the odd one out.
    A. HSF
    B. FUD
    C. BYZ
    D. JOH

40. Pick the odd one out.
    A. FGJP
    B. ABEJ
    C. TUXC
    D. VWZE

41. Find the odd number-pair.
    A. 16:2
    B. 100:5
    C. 36:3
    D. 186:7

42. Pick the odd one out.
    A. ONL
    B. RQO
    C. HGE
    D. DCB

43. Find the odd number pair.
    A. (21,238)
    B. (17,194)
    C. (13,150)
    D. (23,270)

44. Which triad does NOT belong to the group?
    A. 24:25:5
    B. 35:36:6
    C. 8:15:3
    D. 3:10:2

45. Pick the odd one out.
    A. EHV
    B. BEY
    C. JMP
    D. GJT

46. Pick the odd one out.
    A. TWZC
    B. NQTW
    C. HLJK
    D. DGJM

47. Find the odd number pair.
    A. (7,252)
    B. (6,216)
    C. (8,392)
    D. (5,80)

48. Find the odd number-pair.
    A. 24:169
    B. 12:49
    C. 48:625
    D. 36:365

49. Which letter-cluster does not belong to the group?
    A. OPK
    B. ABY
    C. LMO
    D. IJQ

50. Find the odd number-pair.
    A. (1826, 1472)
    B. (1984, 1505)
    C. (1805, 1326)
    D. (2136, 1657)

51. Pick the odd one out.
    A. EBV
    B. GET
    C. BYY
    D. JGQ

Answer Key

1. D	2. D	3. C	4. C	5. C	6. D	7. B	8. B	9. B	10. C
11. B	12. C	13. C	14. A	15. A	16. D	17. D	18. B	19. D	20. B
21. C	22. D	23. C	24. C	25. B	26. A	27. D	28. C	29. C	30. C
31. B	32. C	33. C	34. B	35. D	36. C	37. B	38. C	39. D	40. A
41. D	42. D	43. D	44. B	45. C	46. C	47. B	48. D	49. C	50. A
51. B									