The Winners Institute

Reasoning

Analogy

Practice Sheet
Basic to High Level

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SBI PO & LIC AAO
(2013- Batch) Selected

📞 **Call - 9009335533**

Analogy - Practice Sheet

निर्देशः (1-34) निम्नलिखित प्रत्येक प्रश्न में, :: के बाईं ओर के दो पदों के बीच कुछ संबंध है और इसके दाईं ओर दो पदों के बीच समान संबंध है। साथ ही, प्रत्येक प्रश्न में :: के दाईं ओर या उसके बाईं ओर एक पद लुप्त है। यह पद प्रत्येक प्रश्न के नीचे दिए गए विकल्पों में से एक के रूप में दिया गया है। इस शब्द का पता लगाएं।

Directions: (1-34) In each of the following questions, there is some relationship between the two terms to the left of : : and the same relationship holds between the two terms to its right. Also, in each question, one term either to the right of : : or to the left of it is missing. This term is given as one of the alternatives given below each question. Find out this term.

1. कीड़ा : रोग :: युद्ध : ?
   Worms : Disease :: War : ?
   (a) सेना / Army
   (b) पराजय / defeat
   (c) शस्त्रागार / Arsenal
   (d) विनाश / Destruction

2. द्विपद : चतुष्पद :: शुतुरमुर्ग : ?
   Biped : Quadruped :: Ostrich : ?
   (a) बिल्ली / Cat
   (b) कंगारू / Kangaroo
   (c) पेंगुइन / Penguin
   (d) बतख / Duck

3. घास : अपरदन :: बांध : ?
   Grass : Erosion :: Dam : ?
   (a) पानी / Water   (b) स्थिर / Freeze
   (c) प्रवाह / Current   (d) बारिश / Rain

4. बैडमिण्टन : शटल :: क्रिकेट : ?
   Badminton : Shuttle :: Cricket : ?
   (a) पासा / Dice   (b) गेंद / Ball
   (c) स्ट्राइकर / Striker (d) पिच / Pitch

5. पक्षी : कीड़ा :: बिल्ली : ?
   Bird : Worm :: Cat : ?
   (a) अस्तबल / Stables (b) पनीर / Cheese
   (c) गुफा / Cave   (d) चूहा / Rat

6. यकृत : हृदय :: वृक्क : ?
   Liver : Heart :: Kidney : ?
   (a) खून / Blood   (b) फेफड़ा / Lung
   (c) नाक / nose   (d) पेशाब / urine

7. पृथ्वी : ग्रह :: चाँद : ?
   Earth : Planet :: Moon : ?
   (a) सूरज / son   (b) विश्व / World
   (c) शुक्र / Venus   (d) उपग्रह / Satellite

8. कोंकणी : गोवा :: डोगरी : ?
   Konkani : Goa :: Dogri : ?
   (a) मध्य प्रदेश / Madhya Pradesh
   (b) ओडिसा / Odisha
   (c) जम्मू-कश्मीर / Jammu and Kashmir
   (d) गुजरात / Gujarat

9. बादल : बारिश :: सूर्य : ?
   Cloud : Rain :: Sun : ?
   (a) गन्ध / Smell   (b) प्रकाश / Light
   (c) पहाड़ / mountain   (d) कार्य / work

10. पुरुष : जीवनी :: राष्ट्र : ?
    Man : Biography :: Nation : ?
    (a) भुगोल / Geography
    (b) इतिहास / History
    (c) नेता / Leader
    (d) जनता / People

11. चिकित्सक : रोगी : राजनीतिज्ञ : ?
    Doctor : Patient : Politician : ?
    (a) जनता / Public   (b) मतदाता / Voters
    (c) पद / Position   (d) धन / Money

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12. प्रतिरोध : ओम :: विद्युतधारा : ?
    Resistance : Ohm :: Current : ?
    (a) फैराड़े / Faraday
    (b) रेडियन / Radians
    (c) एम्पियर / Ampere
    (d) वोल्ट / Volt

13. लखनऊ : उत्तर प्रदेश :: राँची :?
    Lucknow : Uttar Pradesh :: Ranchi :?
    (a) ओडिशा / Odisha
    (b) झारखण्ड / Jharkhand
    (c) उत्तराखण्ड /Uttarakhand
    (d) छत्तीसगढ़ / Chhattisgarh

14. शिक्षक : स्कूल :: नर्स : ?
    Teacher : School :: Nurse : ?
    (a) डॉक्टर / Doctor
    (b) रोगी / Patient
    (c) दवाई / Medicines
    (d) अस्पताल / Hospital

15. कार्बन : हीरा :: कोरन्डम : ?
    Carbon : Diamond :: Corundum : ?
    (a) गार्नेट / Garnet   (b) रूबी / Ruby
    (c) पुखराज / Pukhraj (d) मोती / Pearl

16. खिड़की : बढ़ई : मूर्ति : ?
    Window : Carpenter : Statue : ?
    (a) मूर्तिकार / Sculptor
    (b) मिस्त्री / Mechanic
    (c) लुहार / Blacksmith
    (d) सुनार / goldsmith

17. रेशमकीट : रेशम :: नाग : ?
    Silkworm : Silk :: Snake : ?
    (a) विषहर / Poisonous
    (b) विष / Venom
    (c) मृत्यु / Death
    (d) भय / Fear

18. मार्शल : कैदी :: प्राचार्य : _____
    marshal : prisoner :: principal : _____
    (a) शिक्षक / Teacher
    (b) अध्यक्ष / President
    (c) सिद्धांत / Doctrine
    (d) विद्यार्थी / Student

19. पंजा : बिल्ली :: खुर : ?
    Paw : Cat :: Hoof : ?
    (a) गधा / Donkey   (b) शेर / Lion
    (c) हाथी / Elephant   (d) घोडा / Horse

20. नखलिस्तान : रेत :: द्वीप : ?
    Oasis : Sand : : Island : ?
    (a) नदी / River
    (b) सागर / Sea
    (c) पानी / Water
    (d) लहरें / Waves

21. आगंतुक : निमंत्रण :: गवाह : ?
    Visitor : Invitation : : Witness : ?
    (a) उपस्थिति-पत्र / Subpoena
    (b) अनुमति / Permission
    (c) आश्वासन / Assent
    (d) दस्तावेज़ / Document

22. वेस्ट्री : चर्च :: औषधालय : ?
    Vestry : Church : : Dispensary : ?
    (a) प्रयोगशाला / Laboratory
    (b) अस्पताल / Hospital
    (c) स्कूल / School
    (d) मठ / Monastery

23. भारत : रूपया :: यू.के. :: ?
    India : Rupee :: UK :: ?
    (a) पाउण्ड / Pound
    (b) दीनार / Dinar
    (c) येन / Yen
    (d) लीरा / Lira

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24. विनाश : अग्नि :: प्लावन : ?
    Annihilation : Fire : : Cataclysm : ?
    (a) भूकंप / Earthquake
    (b) बाढ़ / Flood
    (c) आपातकालीन / Emergency
    (d) भाप / Steam

25. नीलम : नीला :: रूबी : ?
    Sapphire : Blue : : Ruby : ?
    (a) काला / black
    (b) पीला / yellow
    (c) लाल / red
    (d) हरा / green

26. कंपनी : प्रतीक चिन्ह :: देश : ?
    Company: Logo :: Country : ?
    (a) गान / Anthem
    (b) प्रतीक / Emblem
    (c) ध्वज / Flag
    (d) अध्यक्ष / President

27. शक्ति : वाट :: आयतन : ?
    Power : Watt :: Volume : ?
    (a) डिग्री / Degree   (b) वोल्ट / volts
    (c) ओम / ohm   (d) लीटर / liter

28. गुफा : सिंह :: अस्तबल : ?
    Den : lion :: stable : ?
    (a) बिल्ली / Cat   (b) कुत्ता / Dog
    (c) अश्व / Horse   (d) गाय / Cow

29. कार्बन डाइऑक्साइड : बुझाना :: ऑक्सीजन : ?
    Carbondioxide : Extinguish :: Oxygen: ?
    (a) जलाना / Burn
    (b) अलग करना / Isolate
    (c) झाग / Foam
    (d) विस्फोट / Explode

30. भेड़ : मटन :: हिरन : ?
    Sheep : Mutton :: Deer : ?
    (a) वील / Veal   (b) मीट / meat
    (c) फ्लेश / Flesh   (d) वेनिसन / Venison

31. प्रवाह : नदी :: स्थिर : ?
    Flow : River :: Stagnant : ?
    (a) वर्षा / Rain   (b) धारा / Stream
    (c) कुंड / Pool   (d) नहर / Canal

32. मोची : चमड़ा : दर्जी : ?
    Cobbler : Leather : Tailor : ?
    (a) धागा / Thread
    (b) कपड़ा / Cloth
    (c) कमीज / shirt
    (d) वस्त्र व्यापारी / Bajaj

33. पक्षी विज्ञानी : पक्षी :: पुरातत्त्वविद् : ?
    Ornithologist : Bird :: Archaeologist : ?
    (a) द्वीप / Islands
    (b) मध्यस्थ / Mediators
    (c) पुरातत्व / Archaeology
    (d) जलीय / Aquatic

34. मोर : भारत :: भालू : ?
    Peacock : India :: Bear : ?
    (a) ऑस्ट्रेलिया / Australia
    (b) अमेरिका / America
    (c) रूस / Russia
    (d) इंग्लैंड / England

निर्देश: (35-64) निम्नलिखित प्रत्येक प्रश्न में, :: के बाईं ओर के दो पदों के बीच कुछ संबंध है और इसके दाईं ओर दो पदों के बीच समान संबंध है। साथ ही, प्रत्येक प्रश्न में : : के दायीं ओर या उसके बायें एक पद लुस है। यह पद प्रत्येक प्रश्न के नीचे दिए गए विकल्पों में से एक के रूप में दिया गया है। इस पद का पता लगाएं।
Directions: (35-64) In each of the following questions, there is some relationship between the two terms to the left of : : and the same relationship

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holds between the two terms to its right. Also, in each question, one term either to the right of : : or to the left of it is missing. This term is given as one of the alternatives given below each question. Find out this term.

35. MAD : JXA :: RUN : ?
    (a) OSQ   (b) PRJ
    (c) UXQ   (d) ORK

36. BJCI : JBIC :: CXDW : ?
    (a) JCDU   (b) BCJU
    (c) EVFU   (d) XCWD

37. SHI : RIJ :: QJK : ?
    (a) TDE   (b) PKL
    (c) UGH   (d) VPQ

38. HCM : FAK :: SGD : ?
    (a) ESQ   (b) GES
    (c) QEB   (d) QIB

39. BFG : EIJ :: RVW : ?
    (a) UWY   (b) UYZ
    (c) SWX   (d) QUV

40. RP : SQ :: ?
    (a) JL : IK   (b) KG : LH
    (c) MA : NZ   (d) RV: QW

41. KSJ : MUL :: RCU :?
    (a) TDV   (b) TEV
    (c) UEW   (d) TEW

42. FLQV : JISU :: DJNR : ?
    (a) FGQN   (b) HGPQ
    (c) HMPS   (d) HGLQ

43. GJSY : HVMX : TRWD : ?
    (a) UZUC   (b) UUZC
    (c) ZUUC   (d) CZUX

44. ASKLJ : CVOQP : WOIDN : ?
    (a) YRMIT   (b) YMRIT
    (c) YRIMT   (d) YQMIT

45. QRYV : TOBS :: ? : FGTN
    (a) IDWK   (b) CJQQ
    (c) CQJQ   (d) IWDK

46. FDKL : UWPO :: NAME : ?
    (a) MZNV   (b) MNZV
    (c) NMVZ   (d) MBNV

47. MAN : QER :: GUN : ?
    (a) KYC   (b) KYR
    (c) YKR   (d) RYK

48. SAUCE : ASXEC : LEMON : ?
    (a) LEQNO   (b) ELPNO
    (c) ELQON   (d) ELRNO

49. GDP : IFR :: MAN : ?
    (a) OCP   (b) PCO
    (c) ODP   (d) OAK

50. ACFJ : KMPT :: DIBE : ?
    (a) MSLO   (b) MLOS
    (c) NLSO   (d) NSLO

51. BDFH : JLNP : : RTVX : ?
    (a) BDHF   (b) BDFZ
    (c) ZBDF   (d) YZAB

52. ACFJ : EGJN :: IKNR : ?
    (a) MORV   (b) NOOP
    (c) MPPQ   (d) NPPR

53. ELIMS : SMILE : KRAPS : : ?
    (a) KRAPS   (b) SPARK
    (c) PARKS   (d) KARPS

54. ABDE : PQST : : MNPQ : ?
    (a) EFHI   (b) UVXZ
    (c) IJLN   (d) TVWX

55. ADBC : EHFG : : ILJK : ?
    (a) MOPN   (b) MPNO
    (c) OTPQ   (d) MPON

56. ACFH : SUXZ : : BDGI : ?
    (a) TVZX   (b) RTZV
    (c) TVYA   (d) RTVZ

57. AFGO : GBPH : : CHFM : ?
    (a) GBIM   (b) IBLD
    (c) GPLD   (d) IDNG

58. Bbc : cBB : : Llm : ?
    (a) Mim   (b) LLL
    (c) MLm   (d) mLL

59. BCDF : 15 : : LMNP : ?

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(a) 15   (b) 55
(c) 65   (d) 54

60. REASON : SFBTPO :: THINK : ?
(a) SGHMJ   (b) UIJOL
(c) UHNKI   (d) UJKPM

61. 11 : GO :: 14.5 : ?
(a) CF   (b) KM
(c) IT   (d) LP

62. C : 16 :: E : ?
(a) 36   (b) 49
(c) 40   (d) 50

63. EGIK : 691215 :: ? : 471120
(a) CEHQ   (b) CEHP
(c) CDIR   (d) BDHP

64. D : 25 :: F : ?
(a) 36   (b) 49
(c) 40   (d) 50

निर्देश (65-76): निम्नलिखित प्रश्न में, दिए गए विकल्पों में से संबंधित संख्या का चयन करें।
Directions (65-76): In the following question, select the related number from the given alternatives.

65. 14 : 9 :: 26 : ?
(a) 12   (b) 13
(c) 31   (d) 15

66. 123 : 132 :: 235 : ?
(a) 232   (b) 352
(c) 253   (d) 252

67. 3 : 12 :: 5 : ?
(a) 25   (b) 35
(c) 30   (d) 15

68. 8 : 39 :: 72 : ?
(a) 64   (b) 312
(c) 351   (d) 300

69. 123 : 4 :: 726 : ?
(a) 23   (b) 26
(c) 14   (d) 12

70. 09 : 81 :: 04 : ?
(a) 16   (b) 25

(c) 36   (d) 49

71. 8 * 3 : 4 :: 6 * 5 : ?
(a) 6   (b) 5
(c) 0   (d) 4

72. 25 : 175 :: 32 : ?
(a) 150   (b) 170
(c) 162   (d) 160

73. 1 : 1 :: 25 : ?
(a) 26   (b) 125
(c) 240   (d) 625

74. 9 : 80 :: 100 : ?
(a) 901   (b) 1009
(c) 9889   (d) 9999

75. 12 :: 144 : ?
(a) 22: 464   (b) 20: 400
(c) 15: 135   (d) 10 : 140

76. 6 : 18 :: 4 : ?
(a) 14   (b) 6
(c) 16   (d) 8

77. 583 का संबंध 293 से उसी तरह है जैसे कि 488 का संबंध _____ से है।
583 is related to 293 in the same way as 488 is related to_____.
(a) 291   (b) 378
(c) 487   (d) 581

78. 34, 12 से उसी तरह संबंधित है जैसे 59 से संबंधित है?
34 is related to 12 in the same way as 59 is related to?
(a) 45   (b) 38
(c) 26   (d) 14

79. 354 : 351 : : 478 : ?
(a) 481   (b) 447
(c) 475   (d) 477

80. 44 : 47 : : 58 : ?
(a) 61   (b) 63
(c) 65   (d) 59

81. 63 : 36 : : ? : ?
(a) 94 : 49   (b) 35 : 54

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(c) 47 : 72   (d) 73 : 39

82. एक जोड़ी संख्या दी गई है। उस विकल्प का चयन करें जो समान संबंध दिखाता है।

A pair of numbers is given. Select the option which shows similar relationship.

43 : 64

(a) 71 : 89   (b) 34 : 81
(c) 27 : 97   (d) 29 : 12

83. 78 : 56 :: 92 : ?
(a) 46   (b) 18
(c) 57   (d) 14

84. दिए गए विकल्पों में से संबंधित संख्या का चयन करें।

Select the related number from the given alternatives.

25 : 625 : : 35 : ?
(a) 1575   (b) 975
(c) 1225   (d) 1205

85. लुप्त संख्या का पता लगाएं।

Find the missing number.

12 : ? : : 9 : 15
(a) 10   (b) 20
(c) 17   (d) 22

86. निर्देश: एक जोड़ी संख्या दी गई है। उस जोड़ी का चयन करें जो समान संबंध दिखाता है जो दी गई जोड़ी द्वारा दिखाया गया है।

Directions: A pair of numbers is given. Select the pair which shows the similar relationship that shown by the given pair.

1203 : 2406 :: ?
(a) 1126 : 2242   (b) 2401 : 4804
(c) 1234 : 2468   (d) 1001 : 4004

87. निर्देश: अनुक्रम का एक सेट दिया गया है। उस विकल्प का चयन करें जो समान संबंध दिखाता है।

Directions: A set of sequence is given. Select the option which shows similar relationship.

7026 : 6207 ; 4196 : 6914 ; 7321 : ?
(a) 1723   (b) 1327
(c) 1237   (d) 1732

88. निर्देश: दिए गए विकल्पों में से संबंधित संख्या का चयन करें।

Directions: Select the related number from the given alternatives.

10 : 101 :: 20 : ?
(a) 200   (b) 408
(c) 400   (d) 401

निर्देश: (89-100) निम्नलिखित प्रत्येक प्रश्न में, :: के बाईं ओर के दो पदों के बीच कुछ संबंध है और इसके दाईं ओर दो पदों के बीच समान संबंध है। साथ ही, प्रत्येक प्रश्न में : : के दायीं ओर या उसके बायें एक पद लुप्त है। यह पद प्रत्येक प्रश्न के नीचे दिए गए विकल्पों में से एक के रूप में दिया गया है। इस पद का पता लगाएं।

Directions: (89-100) In each of the following questions, there is some relationship between the two terms to the left of : : and the same relationship holds between the two terms to its right. Also, in each question, one term either to the right of : : or to the left of it is missing. This term is given as one of the alternatives given below each question. Find out this term.

89. 12 : 72 : : 8 : ?
(a) 0   (b) 32
(c) 36   (d) 38

90. $\frac{2}{3} : \frac{19}{29} :: \frac{8}{7} : ?$
(a) $\frac{89}{79}$ (b) $\frac{79}{79}$
(c) $\frac{79}{69}$ (d) $\frac{80}{70}$

91. 91 : ? : : 64 : 54
(a) 63   (b) 101
(c) 32   (d) 70

92. 6 : 21 :: 3 : ?
(a) 28   (b) 18
(c) 61   (d) 32

93. 83 : 25 :: 29 : ?
(a) 44   (b) 49
(c) 40   (d) 63

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94. 72 : 18 :: 56 : ?
(a) 24   (b) 22
(c) 20   (d) 16

95. 24 : 126 :: 48 : ?
(a) 433   (b) 192
(c) 240   (d) 344

96. 9 : 50 : ?
(a) 22 : 110   (b) 18 : 190
(c) 15 : 225   (d) 20 : 105

97. $\sqrt{AFI}$ = M : $\sqrt{ADD}$ = L :: $\sqrt{ABA}$?
(a) I   (b) N
(c) O   (d) K

98. 25 : 37 :: 49 : ?
(a) 56   (b) 60
(c) 65   (d) 41

99. 2 : 32 :: 3 : ?
(a) 143   (b) 243
(c) 293   (d) 183

100. 78 : 56 :: 92 : ?
(a) 46   (b) 18
(c) 57   (d) 14

Analogy - Practice Sheet

ANSWERS

1.	(d)	2.	(a)	3.	(a)	4.	(b)	5.	(d)
6.	(b)	7.	(d)	8.	(c)	9.	(b)	10.	(b)
11.	(b)	12.	(c)	13.	(b)	14.	(d)	15.	(b)
16.	(a)	17.	(b)	18.	(d)	19.	(d)	20.	(c)
21.	(a)	22.	(b)	23.	(a)	24.	(b)	25.	(c)
26.	(c)	27.	(d)	28.	(c)	29.	(a)	30.	(d)
31.	(c)	32.	(b)	33.	(c)	34.	(c)	35.	(d)
36.	(d)	37.	(b)	38.	(c)	39.	(b)	40.	(b)
41.	(d)	42.	(b)	43.	(a)	44.	(a)	45.	(b)
46.	(a)	47.	(b)	48.	(b)	49.	(a)	50.	(d)
51.	(c)	52.	(a)	53.	(b)	54.	(a)	55.	(b)
56.	(c)	57.	(d)	58.	(d)	59.	(b)	60.	(b)
61.	(c)	62.	(a)	63.	(b)	64.	(b)	65.	(d)
66.	(c)	67.	(c)	68.	(c)	69.	(d)	70.	(a)
71.	(c)	72.	(d)	73.	(d)	74.	(d)	75.	(b)
76.	(d)	77.	(b)	78.	(a)	79.	(c)	80.	(a)
81.	(a)	82.	(b)	83.	(b)	84.	(c)	85.	(b)
86.	(c)	87.	(c)	88.	(d)	89.	(b)	90.	(c)
91.	(a)	92.	(c)	93.	(b)	94.	(b)	95.	(d)
96.	(d)	97.	(d)	98.	(c)	99.	(b)	100.	(d)

Analogy - Practice Sheet

Solution

1. **(d)**
Just as a worm is the cause of disease, in the same way war is the cause of destruction.

2. **(a)**
A biped is an animal that uses two legs for walking and the quadrupeds are animals that use four legs for walking.
From the Given options, Cat only have 4 legs.
So Biped : Quadruped :: Ostrich : Cat.

3. **(a)**
Here Grass is to Erosion and whereas Dam is to Water.
Since Grass prevents Erosion similarly Dam prevents Water flow.
Hence, Grass : Erosion :: Dam : Water.

4. **(b)**
Just like shuttle is used in badminton game. Similarly, the ball is used in the game of cricket.

5. **(d)**
Just as a bird eats a worm, a cat eats a rat.

6. **(b)**
Just as both liver and kidney are related to the purification of blood, similarly, heart and lungs are related to the pumping of blood. Or all are the human's organs.

7. **(d)**
Just as the Earth is a planet, in the same way, the Moon is a satellite.

8. **(c)**
Just as Konkani is the language of Goa, Dogri is the language of Jammu and Kashmir.

9. **(b)**
Just as rain is received from the clouds, in the same way, light is received from the sun.

10. **(b)**
Just as the story of a man's life is a biography, similarly, the story of a nation is a history.

11. **(b)**
As doctors take care of their patients, so politicians take care of their voters.

12. **(c)**
Just as the unit of resistance is ohm, similarly, the unit of current is ampere.

13. **(b)**
Just as Lucknow is the capital of the state of Uttar Pradesh, similarly, Ranchi is the capital of the state of Jharkhand

14. **(d)**
Just as teachers work in schools, nurses work in hospitals.

15. **(b)**
As Diamond is made of Carbon similarly Ruby is made of Corundum.

16. **(a)**
Just as the window is made by the carpenter, in the same way, the idol makes the sculptor.

17. **(b)**
Just as silk is obtained from a silkworm, similarly, venom is obtained from a snake.

18. **(d)**
A marshal is a person in charge of a prisoner, and a principal is a person in charge of a student.

19. **(d)**
The cat's foot is called a paw. The horse's foot is called a hoof.

20. **(c)**
Oasis is a water pool amidst sand. Similarly, island is a piece of land amidst water.
Note : 'Sea' would have been the answer if we had 'desert' in place of 'sand'.
Hence, option C is correct.

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21. **(a)**
A visitor is given an invitation to attend an occasion. Similarly, the witness is delivered a subpoena providing for attendance at the court.

22. **(b)**
Second is a higher institution than the first. Hence, option B is correct.

23. **(a)**
Similarly, the currency of India is Rupee. Similarly, U.K. The currency is the pound.

24. **(b)**
First is the result of second.

25. **(c)**
Sapphire is blue in colour while ruby is red in colour.

26. **(c)**
As every company has unique logo similarly every country has unique flag

27. **(d)**
Just as the unit of power is watt. Similarly, the unit of volume is litre.

28. **(c)**
Lion lives in den similarly Horse lives in Stable.

29. **(a)**
Oxygen supports Burning similarly Carbon dioxide helps in extinguishing.

30. **(d)**
Just as the meat of sheep is called mutton, similarly, the meat of deer is called venison.

31. **(c)**
As Water of a River flows similarly water of Pool is Stagnant.

32. **(b)**
Just as the cobbler makes shoes by giving different forms to leather, similarly, the tailor makes different types of garments using the cloth.

33. **(c)**
As Ornithologist is a specialist of Birds similarly Archaeologist is a specialist of Archaeology.

34. **(c)**
As Peacock is the national bird of India, similarly Bear is the national animal of Russia.

35. **(d)**

M	A	D
↓	↓	↓
−3	−3	−3
↓	↓	↓
J	X	A

Similarly,

R	U	N
↓	↓	↓
−3	−3	−3
↓	↓	↓
O	R	K

36. **(d)**
1st and 2nd or 3rd and 4th letter having interchange.
Similarly,
CXDW : XCWD

37. **(b)**

S	H	I
↓	↓	↓
−1	+1	+1
↓	↓	↓
R	I	J,

Similarly,

Q	J	K
↓	↓	↓
−1	+1	+1
↓	↓	↓
P	K	L

38. **(c)**

H	C	M
↓	↓	↓
−2	−2	−2
↓	↓	↓
F	A	K

Similarly,

S	G	D
↓	↓	↓
−2	−2	−2
↓	↓	↓
Q	E	B

39. **(b)**

B	F	G
↓	↓	↓
+3	+3	+3
↓	↓	↓
E	I	J

Similarly,

R	V	W
↓	↓	↓
+3	+3	+3
↓	↓	↓
U	Y	Z

40. **(b)**

R	P
↓	↓
+1	+1
↓	↓
S	Q

Similarly,

K	G
↓	↓
+1	+1
↓	↓
L	H

41. **(d)**

K	S	J
↓	↓	↓
+2	+2	+2
↓	↓	↓
M	U	L

Similarly,

R	C	U
↓	↓	↓
+2	+2	+2
↓	↓	↓
T	E	W

42. **(b)**

F	L	Q	V
↓	↓	↓	↓
+4	-3	+2	-1
↓	↓	↓	↓
J	I	S	U

Similarly,

D	J	N	R
↓	↓	↓	↓
+4	-3	+2	-1
↓	↓	↓	↓
H	G	P	Q

43. **(a)**

G J S Y
+1 +3 +3 -1
H V M X

T R W D
+1 +3 +3 -1
U Z U C

44. **(a)**

A + 2 = C; S + 3 = V; K + 4 = O; L + 5 = Q; J + 6 = P

Similarly,

W + 2 = Y; O + 3 = R; I + 4 = M; D + 5 = I; N + 6 = T

45. **(b)**

Q R Y U
+3 -3 +3 -3
T O B S

F G T N
-3 +3 -3 +3
C J Q Q

46. **(a)**

Letters are replaced by their reverse letters.

47. **(b)**

M + 4 = Q; A + 4 = E; N + 4 = R

Similarly,

G + 4 = K; U + 4 = Y; N + 4 = R

48. **(b)**

S A U C E
+3
A S X E C

L E M O N
+3
E L P N O

49. **(a)**

G D P
+2 +2 +2
I F R

M A N
+2 +2 +2
O C P

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50. **(d)**
In ACFJ : KMPT
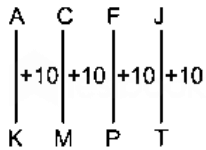
Similarly;
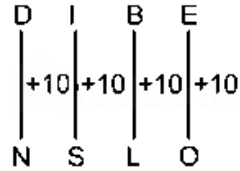
Hence, "NSLO" is the correct answer.

51. **(c)**
The pattern followed is:
In BDFH : JLNP
B + 2 = D; D + 2 = F; F + 2 = H & H + 2 = J;
J + 2 = L; L + 2 = N, N + 2 = P
Based on the same fact,
RTVX → R + 2 = T; T + 2 = V; V + 2 = X
Now, X + 2 = Z; Z + 2 = B; B + 2 = D; D + 2
= F
Thus ZBDF is the answer.

52. **(a)**
The pattern here is as follows,
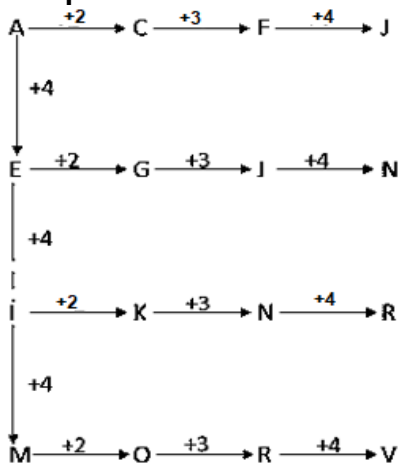
Hence the required term is MORV.

53. **(b)**
In ELIMS : SMILE the pattern followed is
that the letters of the word 'ELIMS' is
written in reverse order to make word
'SMILE'.
Based on same fact 'KRAPS' is related to
'SPARK'
Thus, SPARK is the answer.

54. **(a)**
The pattern followed is:
ABDE : PQST ⇒ A + 1 = B; B + 2 = D; D + 1
= E
And P + 1 = Q; Q + 2 = S; S + 1 = T
Based on same fact In MNPQ ⇒ M + 1 = N;
N + 2 = P; P + 1 = Q
From the given options only EFHI is
related to MNPQ because only EFHI
follows the same pattern as shown below:
EFHI ⇒ E + 1 = F; F + 2 = H; H + 1 = I
And other options do not follow the same
pattern as shown:
UVXZ → U + 1 = V; V + 2 = X; X + 2 = Z
IJLN → I + 1 = J; J + 2 = L; L + 2 = N
TVWX → T + 2 = V; V + 1 = W; W + 1 = X
Thus EFHI is the answer.

55. **(b)**
The pattern followed is:
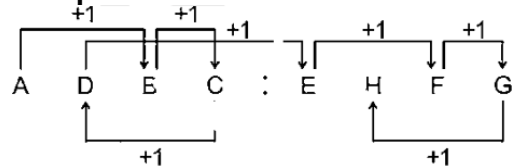
Based on same pattern,
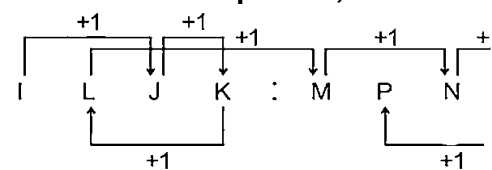
Thus MPNO is the answer.

56. **(c)**
The pattern followed is:
ACFH : SUXZ
⇒ A + 2 = C; C + 3 = F; F + 2 = H
And A + 18 = S
S + 2 = U; U + 3 = X; X + 2 = Z
Similarly,
BDGI : ?
⇒ B + 2 = D; D + 3 = G; G + 2 = I
And B + 18 = T
T + 2 = V; V + 3 = Y; Y + 2 = A
Thus, TVYA is the answer.

57. **(d)**
The pattern is as follows,
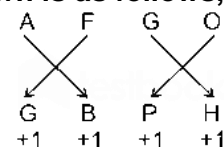
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Similarly,
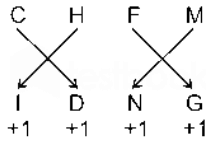
Hence CHFM is related to IDNG.

58. **(d)**
The pattern here is: The first and last letters are interchanged and the case of middle letter is changed to upper case. Thus following the same rule for second pair, we get the required answer as mLL. Thus answer is mLL.

59 **(b)**
Here the sum of the position of letter in the English alphabet is written on the right hand side
In BCDF : 15;
B + C + D + F = 2 + 3 + 4 + 6 = 15
Similarly in LMNP;
L + M + N + P = 12 + 13 + 14 + 16 = 55
Hence, "55" is the correct option.

60. **(b)**

61. **(c)**
Consider, A =1, B = 2, C = 3,............, Y = 25, Z = 26
G is 7th and O is 15th in the alphabetical order.
GO = 7 + 15 = 22 → 22/2 = 11
Similarly,
CF = 3 + 6 = 9 → 9/2 = 4.5 ≠ 14.5
KM = 11 + 13 = 24 → 24/2 = 12 ≠ 14.5
IT = 9 + 20 = 29 → 29/2 = 14.5 = 14.5
LP = 12 + 16 = 28 → 28/2 = 14 ≠ 14.5
Hence, 'IT' is the correct alternative.

62. **(a)**
The place of C in the alphabet is $3 \rightarrow 16 = (C + 1)^2 = (3 + 1)^2 = (4)^2 = 16$
The place of E in the alphabet is $5. \rightarrow 16 = (5 + 1)^2 = (5 + 1)^2 = (6)^2 = 36$
Therefore, the required number is 36.

63. **(b)**

64. **(b)**
In D: 25, Value of D in English alphabet is '4' and next term is obtained by $(1 + 4)2 \Rightarrow 25$
Similarly, F is 6th term in alphabet so next term will be found by $(1 + 6)^2 = 7^2 = 49$
So, D : 25 :: F : 49.

65. **(d)**
14 = (2 x 9 - 4)
26 = (2 x 15 - 4)
? = 15

66. **(c)**
Just as, 123 → 132
Similarly, 235 → 253
The middle digit of first term comes after the next digit.

67. **(c)**

68. **(c)**
The antecedent; 8 is first getting multiplied by 5 and then it is getting

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subtracted by 1 as 8 is the first multiple of 8. (8 = 8 × 1)
⇒ 8 × 5 − 1 = 39
Similarly,
We'll first multiply 72 by 5 and then subtract 9 from it as 72 is the 9th multiple of 8. (72 = 8 × 9)
⇒ 72 × 5 − 9 = 351.
Hence, option C is correct.

69. **(d)**
$123 \Rightarrow 12 / 3 = 4$
Similarly,
$726 \Rightarrow 72 / 6 = 12$
In this question, first two digits of the given number are divided by the third one.
Hence, option D is correct.

70. **(a)**
$9 \Rightarrow 9^2 = 81$
Similalry,
$4 \Rightarrow 4^2 = 16$
Hence, option A is correct.

71. **(c)**
$8 − 3 = 5; 5 − 1 = 4$
Similarly;
$6 − 5 = 1; 1 − 1 = 0$
$6 × 5 = 30$: Its unit's digit is 0.
Hence, option C is correct.

72. **(d)**
$25 \Rightarrow 25 × (2 + 5) = 175$
Similarly,
$32 \Rightarrow 32 × (3 + 2) = 160$
Hence, option D is correct.

73. **(d)**
Just as, $1^2 = 1$
Similary, $25^2 = 625$

74. **(d)**
Just as, $9^2 = 81 - 1 = 80$
Similary, $100^2 = 10000 - 1 = 9999$

75. **(b)**
Just as, $12^2 = 144$
Similarly, $20^2 = 400$

76. **(d)**
Here the given number analogy follows two patterns that,
6
18 --> 6 x 3
4
12 --> 4 x 3
 OR
6
18 ----> 6x6/2 = 18
4
8 ----> 4x4/2 = 8
As 12 is not available in the options, 8 is correct answer.

77. **(b)**
Sum of digits of the first number is 2 more than the sum of digits of the second number.

78. **(a)**
The second number is the product of the digits of the first.

79. **(c)**
Just as, 354 → 35 (4-3) → 351
Similarly, 478 → 47 (8-3) → 475

80. **(a)**
$44 \xrightarrow{+3} 47$
Similarly,
$58 \xrightarrow{+3} 61$

81. **(a)**
Just as, 63 : 36
Similarly, 94 : 49
Exchange of digits.

82. **(b)**
The logic is :
$43 = 4^3 = 64$
Similarly,
$34 = 3^4 = 81$

83. **(b)**
Pattern here is, digits of first number are multiplied to get second number.
$7 × 8 = 56$
Similarly,
$9 × 2 = 18$

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Therefore 18 is the correct answer.

84. **(c)**
Here, 625 is the square of 25.
Similarly, 1225 is the square of 35.
Thus 35 is related to 1225.

85. **(b)**
$9 : 15 \to 3 \times 3 : 3 \times 5$
Thus, $12 = 4 \times 3$
Similarly,
$12 : 20 \to 4 \times 3 : 4 \times 5$
Hence, the missing term should be $4 \times 5 = 20$.

86. **(c)**
The given sequence is: 1203 : 2406
$2406 = 1203 \times 2$
1) 1126 : 2242 , since $2242 \neq 1126 \times 2$, thus this option is false.
2) 2401 : 4804 , since $4804 \neq 2401 \times 2$, thus this option is false.
3) 1234 : 2468 , since $2468 = 1234 \times 2$, thus this option is true.
4) 1001 : 4004, since $4004 \neq 1001 \times 2$, thus this option is false.
Hence answer is 1234 : 2468.

87. **(c)**
In the given sequence the next term is found by reversing the first number.
Thus the missing number should be 7321 $\to$ 1237.

88. **(d)**
$10 \to 101$
$\Rightarrow 10 \to 10^2 + 1$
Thus, $20 \to 20^2 + 1$
$\Rightarrow 20 \to 401$.

89. **(b)**
$12 : 72 \Rightarrow 12 : 72$
$12 / 2 = 6 \mid 12 \times 6 = 72$
Similarly,
$8 : ? \Rightarrow 8 : 32$
$8 / 2 = 4 \mid 8 \times 4 = 32$
Hence, option B is correct.

90. **(c)**

$$\frac{2}{3} \overset{-1}{:} \frac{19}{29} :: \frac{8}{7} \overset{-1}{:} \frac{79}{69}$$

Consequent part is being generated by subtracting 1 from the numerator and denominator and by placing 9 beside the reultant.
Hence, option C is correct.

91. **(a)**
$64 : 54 = (6 + 4) : (5 + 4)$
$\qquad\qquad\quad 10 : 9$
Similarly,
$91 : 63 = (9 + 1) : (6 + 3)$
$\qquad\qquad\quad 10 : 9$
Hence, option A is correct.

92. **(c)**
$6 + 21 = 27 = 3 \times 3 \times 3 \Rightarrow 33$
Similarly,
$3 + 61 = 64 = 4 \times 4 \times 4 \Rightarrow 43$
In this question, addition of numbers getting cube of a another number.
Hence, option C is correct.

93. **(b)**
$8 - 3 = 5; (5)2 = 25$
Similarly,
$9 - 2 = 7; (7)2 = 49$
Hence, option B is correct.

94. **(b)**
$72 \Rightarrow 7 + 2 = 9$ and $9 \times 2 = 18$
Similarly,
$56 \Rightarrow 5 + 6 = 11$ and $11 \times 2 = 22$
Hence, option B is correct.

95. **(d)**
$(5)2 - 1 = 24; 53 + 1 = 126$
Similarly,
$(7)2 - 1 = 48; (7)3 + 1 = 344$
Hence, option D is correct.

96. **(d)**
Expression = 9 : 50 :: ?
The pattern followed is = n : 5n + 5

Eg = 9 : 5 (9) + 5 = 9 : 50
Similarly, 20 (5) + 5 = 100 + 5 = 105

97. **(d)**
   If we assign numbers to the alphabets such as A = 1, B = 2, C = 3 and so on, we get:
   $\sqrt{AFI} = \sqrt{1 + 6 + 9} = \sqrt{16} = 14 = 1 + 3 = 13 =$ **M**
   and $\sqrt{ADD} = \sqrt{1 + 4 + 4} = \sqrt{9} = 3 = 1 + 2 =$ **12 = L**
   Similarly, $\sqrt{ABA} = \sqrt{1 + 2 + 1} = \sqrt{4} = 2 = 1 + 1 = 11 =$ **K**

98. **(c)**
   The pattern followed is = $n^2 : (n + 1)^2 + 1$
   Eg = $5^2 : (5 + 1)^2 + 1 = 25 : 37$
   Similarly, $49 = 7^2$
   Thus, $(7 + 1)^2 + 1 = 64 + 1 = 65$

99. **(b)**
   The pattern followed is = $n : n^5$
   Eg = $2 : 2^5 = 2 : 32$
   Similarly, $3^5 = 243$

100. **(d)**
   The pattern followed is = $n : \frac{n^2}{2}$
   Eg = $12 : \frac{12^2}{2} = 12 : 72$
   Similarly, $\frac{8^2}{2} = \frac{64}{2} = 32$