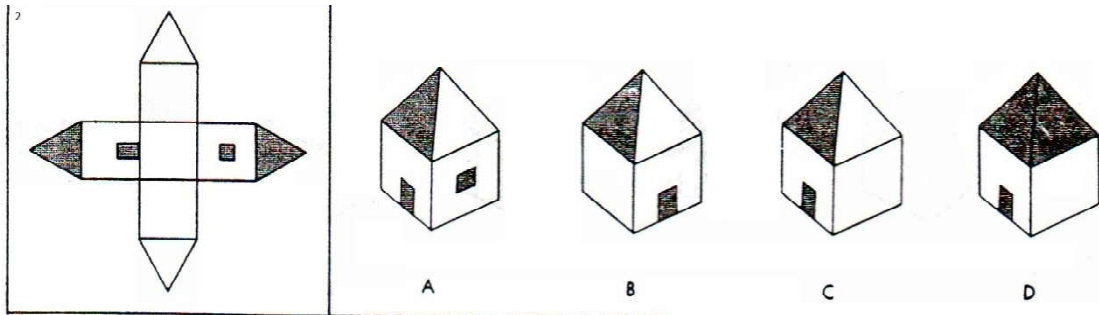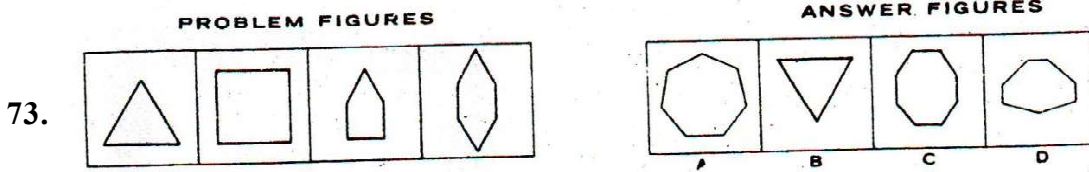**72.** The patterns below can be folded into figures. For each pattern four figures are shown. Select which of these figures can be made from the pattern shown. The pattern always shows the outside of the figure.
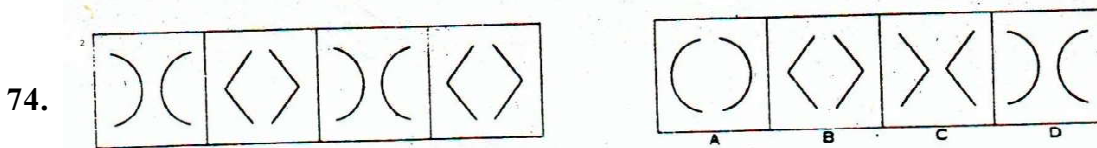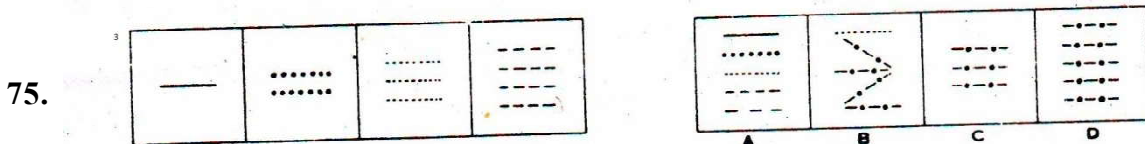

(a) A

(b) B

(c) C

(d) D

(Directions 73–75) The rows of designs or figures below have four problem figures which make a series. The fifth figure is missing. Choose the right figure from among the answer figures, which belongs next in the series.

73.

(a) A

(b) B

(c) C

(d) D

74.

(a) A

(b) B

(c) C

(d) D

75.

(a) A

(b) B

(c) C

(d) D

* * * * * * *

58. If the cost price of 6 mangoes is equal to the selling price of 5 mangoes, then the profit percent is

    (a) 20%   (b) 16%

    (c) 10%   (d) 30%

59. In what time a sum of money will double itself at a rate of simple interest of 8% per annum?

    (a) $11\frac{1}{2}$ years   (b) $12\frac{1}{2}$ years

    (c) $13\frac{1}{2}$ years   (d) 12 years

60. The difference between a number and $\frac{1}{5}$ th of it is equal to 20, then the number is

    (a) 20   (b) 100

    (c) 40   (d) 25

61. If a motor car covers a distance of 250 metres in 25 seconds, then its speed in kilometer per hour is

    (a) 32   (b) 34

    (c) 36   (d) 38

62. Average of 5 numbers is 20. If 8 is added to each of these numbers, then the average of the new numbers is

    (a) 28   (b) 20

    (c) 16   (d) 24

63. The median of 10, 13, 22, 25, 8, 11, 19, 18, 31 and 16 is

    (a) 16.5   (b) 17

    (c) 16   (d) 19.5

64. If $\frac{\cdot 009}{x} = \cdot 01$, then $x =$

    (a) $0\cdot 009$ (b) $0\cdot 9$

    (c) $0\cdot 09$ (d) 9

65. The greatest four-digit perfect square number is

    (a) 9000   (b) 9900

    (c) 9801   (d) 9981

66. What will come in place of the question mark (?) in the following series of numbers?
1024, 256, 64, 16, ?

    (a) 8   (b) 4

    (c) 9   (d) 6

67. What will come in place of the question mark (?) in the following series of numbers?
21, 25, 33, 49, 81, ?

    (a) 174   (b) 136

    (c) 204   (d) 145

33. Which one is not correct?

    (a) Bhabha Atomic Research Centre (BARC)

    (b) Indian Space Research Organization (ISRO)

    (c) Centre for Scientific and Industrial Research (CSIR)

    (d) National Centre for Antarctic & Ocean Research (NCAOR)

34. _____ received Nobel prize in physiology or medicine in 1968.

    (a) Anil Kakodkar   (b) K.S.Krishnan

    (c) Har Gobind Khorana   (d) M.Battacherjee

35. Study of birds is called:

    (a) Chiropterology   (b) Aerology

    (c) Ornithology   (d) Aerobiology

36. O.M.R. stands for:-

    (a) Optical Mark Reader   (b) Optical Machine Reader

    (c) Octal Machine Reader   (d) Octal Mark Reader

37. Who is known for his pioneering work on the evaluation of stars?

    (a) C.V.Raman   (b) J.C.Bose

    (c) S.Chandrasekhar   (d) M.N.Saha

38. Pharmacology is the science that deals with

    (a) The knowledge of treatment of diseases

    (b) The knowledge of drugs and preparation of medicines

    (c) The knowledge of physical operation to diseases

    (d) The knowledge of blood typing, DNA technique and identification of narcotic etc.

39. The blood bank of our body is:

    (a) Spleen   (b) Liver

    (c) Heart   (d) Lungs

40. Atom bomb is based on the principle of

    (a) fusion   (b) fission

    (c) neither (a) nor (b)   (d) both (a) and (b)

41. Historians believed that the Mizos settled down in this place before entering Mizoram –

    (a) Yunnan Province   (b) Shan State

    (c) Mongolia   (d) Mekong Valley

42. From the linguistic point of view, the Mizo language belongs to the –

    (a) Tibeto-Burman family   (b) The Mongoloid family

    (c) Dravidians family   (d) Aryan family

43. The First Lushai Expedition (1871) was led by –

    (a) Captain Roberts   (b) Brig. General Tregear

    (c) Lt. Col. Thomas Herbert Lewin   (d) Colonel Skinner

44. The book entitled 'A Grammar and Dictionary of the Lushai Language' published in 1898 was written by –

    (a) Peri Sap (N.E.Parry)   (b) Tarmita (Col. J.Shakespear)

    (c) Zosapthara (Rev. Edwin Rowlands)   (d) Pu Buanga (J.H.Lorrain)

10. Miss Universe 2013 Ms. Gabriela Isler belongs to

    (a) Spain   (b) Philippines

    (c) Ecuador   (d) Venezuela

11. Who is the Australian Open Women's Tennis Champion of 2014?

    (a) Maria Sharapova   (b) Li Na

    (c) Sarena Williams   (d) Victoria Azarenka

12. Who is the new CEO of Microsoft?

    (a) Satya Nadella   (b) John Thompson

    (c) Mc. Yanykovych   (d) Bill Gates

13. Under one of the categories, Mizoram recently received the award 'Best Performing state' under JNNURM from Central government. The category includes –

    (a) NE States only

    (b) Special category states, NE states and UTs only

    (c) Special category states only

    (d) All states and UTs

14. As per the final figure of 2011 census, the literacy percentage of Mizoram is

    (a) 92.33%   (b) 91.33%

    (c) 92.23%   (d) None of these

15. Who was the chief guest of Republic Day Parade 2014 of India in New Delhi?

    (a) President of the European Council   (b) President of African Union Commission

    (c) French President   (d) Japanese Prime Minister

16. Who is the newly elected Prime Minister of Bangladesh?

    (a) Begum Khaleda Zia   (b) Sheik Hasina

    (c) Abdul Hamid   (d) Fakhrudin Ahmed

17. The Rs.3600 crore VVIP Chopper deal between India and AgustaWestland was cancelled in wake of-

    (a) The allegation of corruption   (b) Delaying in its manufacturing

    (c) The allegation of mechanical irregularities   (d) All of these

18. Who won the FIFA Ballon d'or award for the year 2013?

    (a) Sir Alex Ferguson   (b) Nemanja Matic

    (c) Cristiano Ronaldo   (d) Alan Shearer

19. Union Government raised the quota of subsidised LPG cylinders per household in a year to

    (a) 9 cylinders   (b) 10 cylinders

    (c) 12 cylinders   (d) 15 cylinders

20. The full form of EPABX is

    (a) Electronic Private Automatic Branch Exchange

    (b) Electrical Private Automatic Branch Exchange

    (c) Electrical Private Automated Branch Exchange

    (d) Electrical Private Automatic Branch Exchanged

21. The currency (monetary unit) of Indonesia is

    (a) Yen   (b) Rupiah

    (c) Kyat   (d) Ringgit