SOLUTIONS

1. Ans. D.
Since female polar bear give birth 3 month before spring season so that means it gave birth during winter.

2. Ans. B.
Fend means to lookafter and provide for oneself without the help of others. It is given in the fourth line of the paragraph that mother bear is protective for their cubs but ignore family for food that means cubs have to fend for the themselves.

3. Ans. D.
None of the assumptions can be made because there is not any reference given in the passage for the assumption and we cannot make assumption by ourselves.

4. Ans. B.
popular is most suited word.

5. Ans. A.
Could is a conditional sentence and is used to express possibility as well as make suggestion and request. Since it is conditional sentence because the news broadcast become more
immediate → there is a condition (when people see the scene)

6. Ans. D.
'in' is more appropriate

7. Ans. C.
Comfort is most suited word because there is comfort in the home.

8. Ans. A.
glimpses means momentary or partial view and is most suited word according for paragraph.

9. Ans. D.
otherwise is the most suited word.

10. Ans. D.
Intransigent means unwilling to change one's view or to agree about something
Authoritative means reliable
Impersonal means involving personal feeling
Unbending means strict in one's behavior
Strenuous means using great effort.
⇒ Authoritative and unbending means almost same

11. Ans. C.
Intimidate means terrify
Mislead means giving wrong idea
Misplace means put in the wrong place
Demoralize means having lost confidence
Frighten means afraid
⇒ Intimidate and frighten means almost same.

12. Ans. C.
Sporadic means occasionally
Epidemic means occurrence of infectious disease at a particular time.
Whirling means to turn
Stagnant means motionless

13. Ans. B.
Genesis means origin which is very close to beginning

14. Ans. A.
Malevolent means revengeful or evil-minded
Vacuous means blank
Ambivalent means mixed feeling
Primitive means first.
⇒ kindly is nearly opposite to Malevolent

15. Ans. B.
Purgatory means a place or state of suffering inhabited by the souls of sinners who are expiating their sins before going to heaven.
Reward means achievement
Celestial means outer space as observed in astronomy.
Flawless means perfect
Proximity means closeness
⇒ Purgatory is nearly opposite to Celestial

16. Ans. B.
Clemency means sympathy
Corporal means a petty officer who attended solely to police matters
Intolerance means unwillingness to accept views
Compromise means settlement of dispute that is reached each side making concessions
Sensibility means the quality of being able to appreciate and respond to complex emotional or aesthetic influences
⇒ Clemency is nearly opposite to Intolerance

17. Ans. C.
Cajole means to persuade someone to do something they might not want to do, by pleasant talk
Nestle means settle within or against something
Secede means withdraw formally from membership of a federal union, an alliance, or a political or religious organization.
Bully means use superior strength or influence to intimidate (someone), typically to force them to do something.
Moisten means slightly wet
⇒ Cajole is nearly opposite to Bully.

18. Ans. C.
In weal and woe refers to good and bad times.
By hook or crook means "by any means necessary".
Prosperity and adversity means favourable and unfavourable condition which best defines the phrase "In weal and woe".

19. Ans. D.
Globetrotters means a person who travels widely.

20. Ans. C.
A curtain lecture means an instance of a wife scolding her husband in private.

21. Ans. C.
Square pegs in round holes means unfit, especially a person unsuited for a position.
22. Ans. A.
Equanimity is correctly spelt which means calmness.
23. Ans. C.
Veterinary is correctly spelt which is relating to the disease and treatment of farm and domestic animals.
24. Ans. C.
Connoisseur is correctly spelt which means a person who is an expert judge.
25. Ans. C.
Munificent is correctly spelt which means generous.
26. Ans. B.
In a jiffy means right away, immediately or suddenly.
27. Ans. A.
Upto the hilt means completely, to the maximum degree.
28. Ans. D.
Man of Letters is usually a writer who knows a lot about literature.
29. Ans. A.
Sangfroid means calmness, composure.
30. Ans. C.
WHO has declared Nigeria free of Ebola after a prolonged battle against the fata disease. Nigeria had reported 20 cases and 8 deaths.
31. Ans. B.
India ended the games with a total of 57 medals, which includes 11 gold, 9 silver and 37 bronze.
32. Ans. B.
Rajiv Mehrishi has been appointed as finance secretary of India in 2015. But recently in 2018, the present finance secretary is Hasmukh Adhia.
33. Ans. D.
Nirbhay is India's first long range subsonic cruise missile. Nirbhay, was successfully test fired from the Integrated Test Range at Chandipur, in Orissa, for a distance of about 1,000 km.
34. Ans. A.
The branch of science that studies cells is called Cytology.
35. Ans. D.
Unless the General Assembly decides otherwise, the General Assembly shall elect a President and twenty-one Vice-Presidents at 9 least three months before the opening of the session over which they are to preside.
36. Ans. C.
Khan Abdul Ghaffar Khan has been awarded Bharat Ratna and he is from Afghanistan.
37. Ans. A.
Sir CV Raman was awarded Nobel Prize for his work connected with scattering phenomenon of radiation.

38. Ans. A.
The headquarters of Asian Development Bank is at 6 ADB Avenue,Mandaluyong, Metro Manila, Philippines.
39. Ans. A.
K-**15** or Sagarika (Sagarika Oceanic) is a nuclear-capable submarine-launched ballistic **missile** with a range of 750 kilometres.
40. Ans. A.
India agreed to UN Chief Ban Ki-Moon's offer to remain as a member of the advisory board of UNCCT (United Nations Counter-Terrorism Center).
41. Ans. A.
Kaziranga National Park is the most popular conservation efforts to save the endangered species like one-horned rhinoceros in India and is located in the Golaghat and Nagaon district of Assam.
42. Ans. D.
KD Jadhav's family won **Olympic** bronze **medal** in the 1952 Helsinki Games-- for auction to raise funds for building a wrestling academy.
43. Ans. B.
44. Ans. C.
Kalinga prove to be a turning point in the life of Ashoka because Ashoka became the zealous follower of Buddha.
45. Ans. C.
Political branch as not the part of espionage system described by Kautilya.
46. Ans. B.
Alauddin Khalji did not built Tomb of Jalaluddin. Sajjada Nashin Makhdoom Hamid, son of Muhammad Nassir-u-Din, moved Bukhari's remains to their present location in Uch and erected a building over them. In 1670 CE, the tomb was rebuilt by the Nawab of Bahawalpur, Bahawal Khan II.
47. Ans. A.
Nanda dynasties was ruling over North India at the time of Alexander's invasion
48. Ans. D.
Agni-VI is following Intercontinental Ballistic Missiles (ICBMs) is being developed by DRDO in India.
49. Ans. B.
Japanese swimmer Kosuke Hagino, won 20 medals in all seven events he competed in, winning golds in the men's 200m freestyle, 200m and 400m individual medleys, and the 800m freestyle relay, in addition to one silver in the 400m freestyle and two bronze medals in the 100m and 200m backstroke events. He became the most valuable player of 17th Asian Games.
50. Ans. B.
The opposition party status is accorded to a political party in the Lok Sabha only if it captures at least 10% seats
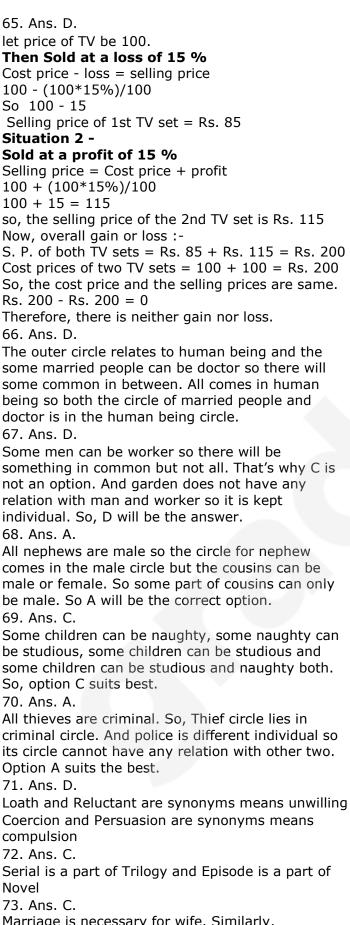
51. Ans. B.
'A Bend in the River' is 1979 novel by Nobel laureate V.S. Naipaul.

52. Ans. C.
'Long Walk to Freedom' is an autobiographical work wriiten by Nelson Mandela.

53. Ans. D.
Five inspiring civilians who has been awarded the honorary award by IAF. Sachin Tendulkar (3, September, 2010), APJ Abdul Kalam (8 June, 2006), Sania Nehwal (25 September 2012), MS Dhoni (19 August 2016), Mukilesh.

54. Ans. C.
Let the distance be x km
Total time= 5 + 48/60 = (5 + 4/5) hours = 29/5 hours
⇒ x/25 + x/4 = 29/5
⇒ (4x + 25x)/100 = 29/5
⇒ x = 100/5
⇒ x= 20 km

55. Ans. C.
Let the length of train be x metre.
When it passes the platform,
Speed = (200 + x)/10 m/s …(i)
When it passes the telegraph post,
Speed= x/5 m/s …(ii)
On equating (i) and (ii)
(200+x)/10 = x/5
⇒ 200 + x = 2x
⇒ x = 200 m
So, speed of train= 200/5= 40 m/s= 144km/h.

56. Ans. C.
Let the price of sugar be Rs.100 per kg
New price of sugar = 20% increase= Rs.120
For Rs.120 family get 1 kg of sugar, for Rs.100 family will get 100/120= 5/6 kg
Reduction in consumption = (1 – 5/6) kg = 1/6 kg
% reduction= 1/6 X 100 = 16.66%

57. Ans. D.
Let the salary of C be 100.
Salary of B=15% lower than C = 85
Salary of A=20% lower than B = 85 – 17 = 68
C's salary is more than A's salary by (100 – 68) = 32
% C's salary is more than A's salary = 32/68 X 100 = 47.058%

58. Ans. D.
Average age of 5 men is increase by 2 kg when one whose weight is 60 kg replaced by new men that means weight of new men will be (60 + 2 X 5)=70 kg
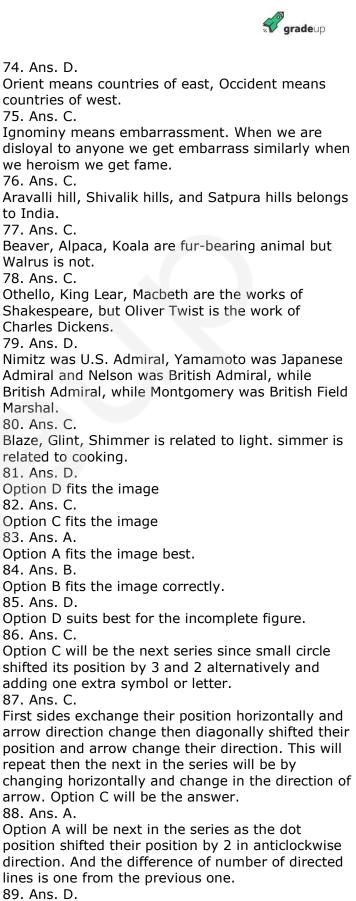
59. Ans. C.
1/A + 1/B = 1/18 … (i)
1/B + 1/C = 1/24 … (ii)
1/C + 1/A = 1/36 … (iii)
On adding (i), (ii) and (iii), we get
2(1/A + 1/B + 1/C) = 1/18 + 1/24 1/36 = (4+3+2)/72= 1/8
1/A+1/B+1/C = 1/16
Subtracting it by equation (iii), we get
1/B= 1/16- 1/36 = (9-4)/144= 5/144
B can finish a work in 144/5= 28.8 days

60. Ans. B.
Work done by A, B and C = 1/20 + 1/30 + 1/60 = 6/60 = 1/10 ⇒ 10 days
work done in three days = 2/20+1/10= 1/5
In 3 days 1/5 work is done so total 3 X 5= 15 days is required

61. Ans. C.
Let the upstream speed = x km/h
Let the downstream speed = 3x km/h
Speed in still water= 1/2 (3x + x)= 4x/2 = 2x
As per question: 2x= 9 + 1/3
⇒ x= 28/6
⇒ x= 14/3 km/h

62. Ans. C.
Let the speed of the stream be x km/h
Upstream speed = (10 – x) km/h
Downstream speed = (10 + x) km/h
Downstream time = 26/(10 + x) = Upstream time = 14/(10 – x)
⇒ 26/(10 + x) = 14/(10 – x)
⇒ 13(10 – x) = 7(10 + x)
⇒ 20x = 60
⇒ x = 3 km/h

63. Ans. A.
Simple Interest = (PRT)/100
Sum doubles in 16 years => Principal amount + simple interest of 16 years = 2 X principal amount
=> {p + (16PR)/100} = 2P
=>16PR/100 = p
=>R = 100/16
Now in 8 years ⇒ {p + (8XPX100/16)/100} = p + p/2 = 1.5 times of principle

64. Ans. B.
When compounded semi-annually rate of interest become 5% for half year

Year	Periods	Starting value	Rate	Interest Earned	End value
1	1	800	5%	40	840
1	2	840	5%	42	882
2	1	882	5%	44.1	926.10
2	2	926.10	5%	46.31	972.40

In 1.5 years a sum of Rs. 800 at 10% per annum compounded semi-annually become Rs. 926.10

65. Ans. D.
let price of TV be 100.
Then Sold at a loss of 15 %
Cost price - loss = selling price
100 - (100*15%)/100
So 100 - 15
 Selling price of 1st TV set = Rs. 85
Situation 2 -
Sold at a profit of 15 %
Selling price = Cost price + profit
100 + (100*15%)/100
100 + 15 = 115
so, the selling price of the 2nd TV set is Rs. 115
Now, overall gain or loss :-
S. P. of both TV sets = Rs. 85 + Rs. 115 = Rs. 200
Cost prices of two TV sets = 100 + 100 = Rs. 200
So, the cost price and the selling prices are same.
Rs. 200 - Rs. 200 = 0
Therefore, there is neither gain nor loss.

66. Ans. D.
The outer circle relates to human being and the some married people can be doctor so there will some common in between. All comes in human being so both the circle of married people and doctor is in the human being circle.

67. Ans. D.
Some men can be worker so there will be something in common but not all. That's why C is not an option. And garden does not have any relation with man and worker so it is kept individual. So, D will be the answer.

68. Ans. A.
All nephews are male so the circle for nephew comes in the male circle but the cousins can be male or female. So some part of cousins can only be male. So A will be the correct option.

69. Ans. C.
Some children can be naughty, some naughty can be studious, some children can be studious and some children can be studious and naughty both. So, option C suits best.

70. Ans. A.
All thieves are criminal. So, Thief circle lies in criminal circle. And police is different individual so its circle cannot have any relation with other two. Option A suits the best.

71. Ans. D.
Loath and Reluctant are synonyms means unwilling
Coercion and Persuasion are synonyms means compulsion

72. Ans. C.
Serial is a part of Trilogy and Episode is a part of Novel

73. Ans. C.
Marriage is necessary for wife. Similarly, Qualification is necessary for getting service.

74. Ans. D.
Orient means countries of east, Occident means countries of west.

75. Ans. C.
Ignominy means embarrassment. When we are disloyal to anyone we get embarrass similarly when we heroism we get fame.

76. Ans. C.
Aravalli hill, Shivalik hills, and Satpura hills belongs to India.

77. Ans. C.
Beaver, Alpaca, Koala are fur-bearing animal but Walrus is not.

78. Ans. C.
Othello, King Lear, Macbeth are the works of Shakespeare, but Oliver Twist is the work of Charles Dickens.

79. Ans. D.
Nimitz was U.S. Admiral, Yamamoto was Japanese Admiral and Nelson was British Admiral, while British Admiral, while Montgomery was British Field Marshal.

80. Ans. C.
Blaze, Glint, Shimmer is related to light. simmer is related to cooking.

81. Ans. D.
Option D fits the image

82. Ans. C.
Option C fits the image

83. Ans. A.
Option A fits the image best.

84. Ans. B.
Option B fits the image correctly.

85. Ans. D.
Option D suits best for the incomplete figure.

86. Ans. C.
Option C will be the next series since small circle shifted its position by 3 and 2 alternatively and adding one extra symbol or letter.

87. Ans. C.
First sides exchange their position horizontally and arrow direction change then diagonally shifted their position and arrow change their direction. This will repeat then the next in the series will be by changing horizontally and change in the direction of arrow. Option C will be the answer.

88. Ans. A.
Option A will be next in the series as the dot position shifted their position by 2 in anticlockwise direction. And the difference of number of directed lines is one from the previous one.

89. Ans. D.
After moving 45^0 in clockwise direction and the north-west and south-east position is interchanged. So option D will be the answer.

90. Ans. C.
Position of each is shifted 45^0 anticlockwise and one new line is added. So, option C will be the answer.

91. Ans. C.
Second one is the mirror image of upper half. So, C will be the answer.
92. Ans. C.
Mirror image of in the lower half the both are inverted. Option C will be the answer.
93. Ans. A.
option A will be the correct answer.
94. Ans. D.
The outer sign goes to the opposite side of inner in opposite direction and the inner goes to outer's position. Option D will be the answer.
95. Ans. C.
Option C will be the correct option.

96. Ans. A.
Option A is different because the arrow line does not intersect the side of the square.
97. Ans. B.
Option B is not like the other three.
98. Ans. C.
Option C is alike from other three.
99. Ans. C.
option C is alike because other three rotates in clockwise direction.
100. Ans. D.
We will not get option D after any number of rotations.

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