SBI PO PRELIMS LIVE LEAK QUESTIONS

Q 1. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

While everyone certainly knew that he was in extreme distress, (A) who could have predicted that (B) he could act so impulsively and killed himself (C) after bidding his wife goodbye with a gun. (D)

1) AC
2) CD
3) AD
4) BD
5) No error

Q 2. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

After we had discussed about my problem, (A) she gave me an advice (B) which I acted upon (C) and it bore immediate results. (D)

1) CD
2) BC
3) AB
4) AD
5) No error

Q 3. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

Neither the parents nor the child (A) is here to collect the report-card, (B) and **I'm afraid we'll have to ring them up** (C) and call them to school as soon as possible. (D)

1) AB
2) BC
3) CD
4) AD
5) No error

Q 4. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

Initially, he didn't pay heed to (A) what the doctor dismissed as a mere protuberence (B) on his stomach, and soon it festered into (C) a full-grown abcess. (D)

1) BC
2) CD
3) AB
4) BD
5) No error

Q 5. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

I suggest you to go and speak to him at once (A) because once news about this spread, (B) the entire office will be rife with gossip (C) and that will be very difficult to deal with. (D)

1) BC
2) CD
3) AB
4) BD
5) No error

Q 6. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

When it comes to dancing on stage (A) with the use of panache and grace, (B) Sunanda has taken after her parents- (C) **she is Raj's and Maya's daughter after all. (D)**

1) AB
2) BC
3) AC
4) BD
5) No error

Q 7. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

Little did the king knew that the incident (A) would soon erupt into a massive uprising that would mark the end of his rule (B), for it never occured to him that the people (C) could ever rise up against him. (D)

1) AD
2) BC
3) AC
4) BD
5) No error

Q 8. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

I spilled sauce all over my shirt (A), which then stinked of garlic the whole day (B), a wasp stung me while I was driving (C), and I realized that my hair was unkept and I had not shaved. (D)

1) CD
2) BD
3) BC
4) AD
5) No error

Q 9. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains errors. **If the sentence is free from errors, mark 'No error'.**

With the rapid influxation of migrants from other states (A) and an already burgeoning population, (B) **the day isn't far when the population of** Delhi (C) will be greater than any other city in India. (D)

1) AB
2) BC
3) CD
4) AD
5) No error

Q 10. The following sentence is broken into four parts and two parts may contain an error in them. Find out the combination which contains **errors. If the sentence is free from errors, mark 'No error'.**

The trial was so contentious (A) that the jury was divided till the very end, (B) and it lasted months, (C) and its proceeds hogged all the headlines. (D)

1) CD
2) BD
3) AB
4) AC
5) No error

Comprehension (11 – 20):

Read the given passage carefully and select the best answer to each question out of the five given alternatives.

A NASA rover has detected a bonanza of organic compounds on the surface of Mars and seasonal fluctuations of atmospheric methane in findings released on June 7, that mark some of the strongest evidence **ever that Earth's neighbor ma**y have harboured life. But National Aeronautics and Space Administration scientists emphasized there could be non-biological explanations for both discoveries made by the Curiosity rover at a site

called Gale Crater, leaving the issue of Martian life a tantalising but unanswered question.

Three different types of organic molecules were discovered when the rover dug just 2 inches (5 cm) into roughly 3.5 billion-year-old mudstone, a fine-grained sedimentary rock, at Gale crater, apparently the site of a large lake when ancient Mars was warmer and wetter than the desolate planet it is today. Curiosity also measured an unexpectedly large seasonal cycle in the low levels of atmospheric methane. About 95% of the methane in Earth's atmosphere is produced from biological activity, though the scientists said it is too soon to know if the Martian methane is also related to life.

Organic molecules are the building blocks of life, though they can also be produced by chemical reactions unrelated to life. The scientists said it is premature to know whether or not the compounds were created in biological processes. Whether anywhere other than Earth has harbored life, perhaps even in microbial form, is one of the paramount questions in science. "There are three possible sources for the organic material," said astrobiologist Jennifer Eigenbrode of NASA's Goddard Space Flight Center in Maryland. "The first one would be life, which we don't know about. The second would be meteorites. And the last one is geological processes, meaning the rock-forming processes themselves."

The rover, which has allowed scientists to explore whether Mars ever boasted conditions conducive to life, in 2014 made the first definitive detection of organic molecules, also in Gale crater rock formed from ancient lake sediment – but it was a much more limited set of compounds. "What the organic detections in the rock do is to add to the story of habitability. It tells us that this ancient environment on Mars could have supported life," Eigenbrode said. "Everything that was needed to support life was there. But it doesn't tell us that life was there".

Christopher Webster, an atmospheric science research fellow at NASA's Jet Propulsion Laboratory in California, said it is possible existing microbes are contributing to the Martian atmospheric methane. "With this new data, we again cannot rule out the microbial activity as a potential source," Webster said.

The amount of methane peaked at the end of summer in the northern hemisphere at about 2.7 times the level of the lowest seasonal amount. The scientists were surprised to find organic compounds, especially in the amounts detected, considering the harsh conditions, including the bombardment of solar radiation on the Martian surface. After drilling, Curiosity heats the rock samples, releasing the compounds. Referring to the findings regarding organic compounds and methane, Webster said, "They hint at an earlier time on Mars when water was present and the existence of primitive life forms was possible".

The scientists hope to find better preserved organic compounds with Curiosity or other rovers that would allow them to check for chemical signatures of life. The research was published in the journal *Science.*

Q 11. According to the passage, which of the following statements is TRUE?

1) The discovery of organic compounds on the surface of Mars proves that Martians existed.
2) The Curiosity rover has discovered traces of life just 2 inches (5 cm) into roughly 3.5 billion-year-old mudstone.
3) The recent discovery of organic compounds on the Martian surface suggests that it might **have supported life, but we can't be sure yet.**
4) Since life itself has not been discovered on Mars, the Curiosity rover project has been a failure.
5) The atmospheric methane on Mars is a sure sign that Mars has life.

Q 12. According to the passage, which of the following statements is NOT TRUE?

1) Strong evidence has been recently unearthed which tells us that it is probable that life may have existed on Mars.
2) **95% of Earth's methane is produced because of biological activity, and therefore,** atmospheric methane on Mars can be attributed to the activity of microbes.
3) Curiosity has also measured an unexpectedly large seasonal cycle in the low levels of atmospheric methane.
4) The discovery of organic compounds on the surface of Mars is astonishing if one thinks about the harsh conditions on that planet.
5) It is possible existing microbes are contributing to the Martian atmospheric methane.

Q 13. According to the passage, which of the following statements is TRUE?

1) The recent discovery of organic compounds on the surface of Mars is hardly surprising if one considers the same discovery had been made in 2014.
2) As organic molecules are the building blocks of life, they are only produced by biological activity.
3) Scientists hope to study these organic compounds further and examine them for the existence of life.

4) Science has proved time and again that Earth is the only planet that ever harboured life.

5) The conditions on Mars are optimum for the existence of life.

Q 14. What explains the presence of organic compounds on the surface of Mars?

1) The excavation undertaken by the Curiosity rover at the Gale Crater
2) Life, meteorites, and geological processes
3) Meteorites, water, and atmospheric methane
4) Harsh atmospheric conditions and solar radiations
5) The fact that Mars is next to the Earth in the solar system

Q 15. How does Curiosity discover organic compounds?

1) By closely tracking and observing unexpectedly large seasonal cycle in the low levels of atmospheric methane
2) By excavating at sites bombarded with solar radiations
3) By heating the rock samples excavated and thus releasing the compounds
4) By detecting the presence of microbes
5) By collecting atmospheric methane and performing chemical reactions on it

Ans: 3

Q 16. What are the conclusions Jennifer Eigenbrode has drawn from the Curiosity findings?

1) The presence of organic compounds hints at an earlier time on Mars when water was present and the existence of primitive life forms was possible.
2) We can conclusively rule out microbial activity as a potential source of atmospheric methane on Mars.
3) The three possible sources for organic compounds are: life, solar radiations, and water.
4) The ancient environment on Mars could have supported life, not that it necessarily did.
5) The large seasonal cycle in the low levels of atmospheric methane on Mars is a sure sign of an impending volcanic eruption.

Q 17. In the following question, out of the five given alternatives, select the one which best expresses the meaning of the given word.

Harboured

1) Nurtured
2) Loaded
3) Deserted
4) Exploited
5) Oppressed

Q 18. In the following question, out of the five given alternatives, select the one which best expresses the meaning of the given word.

Evidence

1) Refutation
2) Confirmation
3) Dismissal
4) Renunciation
5) Renunciation

Q 19. In the following question, out of the five given alternatives, select the one which is opposite in meaning of the given word.

Desolate

1) Derelict
2) Solitary
3) Uninhabited
4) Populated
5) Forlorn

Q 20. In the following question, out of the four given alternatives, select the one which is opposite in meaning of the given word.

Preserved

1) Protected
2) Safeguarded
3) Neglected
4) Conserved
5) Maintained

Q 21. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the **sentence is correct as it is, select 'No improvement'.**

Yesterday, the cat lie on the eggs lay by the hen.

1) Lay, lay
2) Lay, laid
3) Laid, lay
4) Laid, laid
5) No improvement

Q 22. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the **sentence is correct as it is, select 'No improvement'.**

The question asks us to write what we think the author is imply, but I will write what I have infer from my reading.

1) Implicating, inference
2) Implying, inferred
3) Implying, inference
4) Implicating, inferred
5) No improvement

Q 23. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened

words. Select the option that gives the correct answer. In case, the **sentence is correct as it is, select 'No improvement'.**

I have appraised **the Company's assets, and I will** apprise the Board of the details.

1) Approximated, annotate
2) Estimated, absolve
3) Calculated, apprehend
4) Apprised, appraise
5) No improvement

Q 24. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the sentence is cor**rect as it is, select 'No improvement'.**

I am no specialist but even I can tell you that no doctor will recommended medicines ban by the government for their side-effects.

1) Prescribe, prescripted
2) Prescribe, proscribed
3) Suggest, Prescripted
4) Presume, forbidden
5) No improvement

Q 25. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the sentence is correct as it is, select 'No improvement'.

The eminence scientist has forecasted imminence calamities.

1) Distinguished, destructive
2) Pessimistic, impending
3) Distinguished, massive
4) Preeminent, inevitable
5) No improvement

Q 26. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the sentence is correct as it is, select **'No improvement'.**

While everyone always took her for an ingenious fool, it was her ingenuousidea that came to everyone's rescue in the crisis.

1) Artless, resourceful
2) Inventive, ingenuous
3) Involuntary, ingenious
4) Ingenuous, Incorrigible
5) No improvement

Q 27. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the sentence is correct as it is, select **'No improvement'.**

My biggest brother is bigger than me by 10 years.

1) Eldest, elder
2) Oldest, elder
3) Eldest, older
4) Elderly, elder
5) No improvement

Q 28. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the **sentence is correct as it is, select 'No improvement'.**

The government has been at the receiving end of much censor for censuring the movie.

1) Censure, censuring

2) Censor, censoring
3) Flak, policing
4) Policing, flaking
5) No improvement

Q 29. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the sentence is correct as it is, select **'No improvement'.**

The terror threat can be diffused only after the crowd has been defused.

1) Diffused, deluged
2) Averted, dispersed
3) Diffused, dominated
4) Disguised, defused
5) No improvement

Q 30. In the question given below, a sentence is given with two emboldened words. Four options are given giving replacements to the emboldened words. Select the option that gives the correct answer. In case, the **sentence is correct as it is, select 'No improvement'.**

The elicit smuggling of liquor into the state has illicited a strong reaction from the authorities.

1) Elicit, invited
2) Illegal, illicited
3) Unlawful, provoked
4) Commercial, elicitated
5) No improvement

Q 31. What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

$$35.01\% \text{ of } ? = (35.98)^2 - (32.02)^2 - 62.01$$

1) 1000

2) 800
3) 400
4) 600
5) 200

Q 32. What approximate value should come in the place of question mark '?' in the following question? (You are not expected to calculate the exact value)

$$28.13\% \text{ of } 150 + \sqrt{(63.15 \times 6.92)} + (7.89)^2 = ?$$

1) 127
2) 115
3) 132
4) 140
5) 150

Q 33. What approximate value should come in the place of question mark '?' in the following question? (You are not expected to calculate the exact value)

$$\sqrt{1443.92} + 24.89 \times 28.04 - 24.95\% \text{ of } ? = 19.825\% \text{ of } 189.77$$

1) 2800
2) 2500
3) 3000
4) 3200
5) 3500

Q 34. What approximate value should come in the place of question mark '?' in the following question? (You are not expected to calculate the exact value)

$$\sqrt{1023.99} + \sqrt{63.89} + \sqrt{940.89} + x = 24.99\% \text{ of } 699.99$$

1) 104
2) 124
3) 113
4) 140
5) 130

Q 35. What approximate value should come in the **place of question mark '?' in the** following question? (You are not expected to calculate the exact value)

$\sqrt{1849} \times 242.97 \div 26.99 - 40.98 = ?$

1) 316
2) 320
3) 365
4) 346
5) 355

Q 36. **What approximate value should come in the place of question mark '?' in the** following question? (You are not expected to calculate the exact value)

$1441 \div 36 + 2/9 \times 4049 - 125.01 = ?$

1) 805
2) 755
3) 725
4) 715
5) 815

Q 37. **What should come in place of question mark '?' in the following number series?**

?, 6, 3, 3, 6, 24, 192

1) 18
2) 24
3) 30
4) 9
5) 12

Q 38. What should come in place **of question mark '?' in the following number series?**

0, ?, 6, 24, 60, 120

1) -1

2) 1
3) 0
4) 2
5) 3

Q 39. What should come in place of question mark '?' in the following number series?

8, 2, 14, -4, 20, ?

1) 10
2) -8
3) 8
4) -10
5) None of these

Q 40. What should come in place of question mark '?' in the following number series?

824, 408, 200, 96, 44, 18, ?

1) 11
2) 5
3) 26
4) 14
5) 13

Q 41. What should come in place of question mark '?' in the following number series?

26, 12, 10, 16, ?

1) 2
2) 14
3) 22
4) 56
5) None of these

Q 42. **What should come in the place of question mark '?' in** the following number series?

999, 727, 509, 339, ?

1) 211
2) 208
3) 125
4) 120
5) 123

Q 43. In a mathematics examination, the average score of students who passed is x and those who failed is y. If the average score of all the students who appeared in the examination is z, the percentage of students who failed was

1) $100xy/z^2$
2) $100(y - z)/(x - y)$
3) $100(x - y)/(x - z)$
4) $100(x - z)/(x - y)$
5) $100(x - zx + y)/(x - y)$

Q 44. Lavanya has to travel from Hyderabad to Chennai which is a certain distance apart. 23% of the distance is travelled by bus, 50% of the remaining by train and the rest of the distance which is 231 km by taxi. Find the distance between Hyderabad and Chennai in km.

1) 600
2) 550
3) 675
4) 590
5) None of these

Q 45. A, B and C enter into partnership. A advances one-third of the capital for one-seventh of the time. B contributes one-third of the capital for one-third of the time. C contributes the remaining capital for the whole time. How should they divide a profit of Rs. 837?

1) 81, 567, 189

2) 189, 567, 81
3) 81, 189, 567
4) 189, 81, 567
5) None of these

Q 46. A showroom of scooter sells a scooter priced at Rs. 36000. It gives a discount of 8% on the first Rs. 20000 and 5% on the next Rs. 10000. How much discount can he offer on the remaining Rs. 6000, if he has to get as much as when 7% discount is allowed on the total price?

1) 5%
2) 6%
3) 7%
4) 8%
5) 9%

Q 47. Ratio of ages of two persons Sanket and Sarvesh is 3 : 11.The difference of their ages is 24 years. What will be the ratio of their ages after 3 years?

1) 6 : 14
2) 3 : 8
3) 1 : 3
4) 2 : 7
5) None of these

Q 48. 6 men can pack 12 boxes in 7 days by working for 7 hours a day. In how many days can 14 men pack 18 boxes if they work for 9 hours a day?

1) 2 days
2) 1.8 days
3) 3.5 days
4) 4 days
5) 9 days

Q 49. A tap can fill a tank in 6 hours. After half the tank is filled, three more similar taps are opened. What is the total time taken to fill the tank completely?

1) 2 hrs 20 min
2) 2 hrs 45 min
3) 45 min
4) 3 hrs
5) 3 hrs 45 min

Q 50. A 250 meters long train is moving at the speed of 45 kmph. Find the time taken by train to cross a tunnel of length 750 meters.

1) 24 seconds
2) 36 seconds
3) 50 seconds
4) 60 seconds
5) 80 seconds

Ans: 5
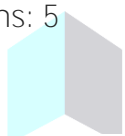
Q 51. A sum of money at simple interest amounts to Rs. 645.3 in 3 years and to Rs. 680.4 in 4 years. The sum is:

1) Rs. 540.3
2) Rs. 450
3) Rs. 540
4) Rs. 455
5) **Can't be determined**

Q 52. The greatest number which can divide 2082, 1602 and 578 leaving the same remainder 2 in each case is

1) 31
2) 32
3) 15
4) 26
5) None of these

Q 53. In a box, there are 40 pens in total in four different colors. There are 12 red pens, 9 blue pens, 10 green pens and 9 black pens. If two pens are chosen at random, what is the chance of getting same color pens?

1) 65/260
2) 69/260
3) 72/260
4) 61/260
5) 59/260

Comprehension (54 to 59):

Direction: Study the graph carefully and answer the following questions based on it.

Population of Tigers in 2014

— Population of tigers in 2014
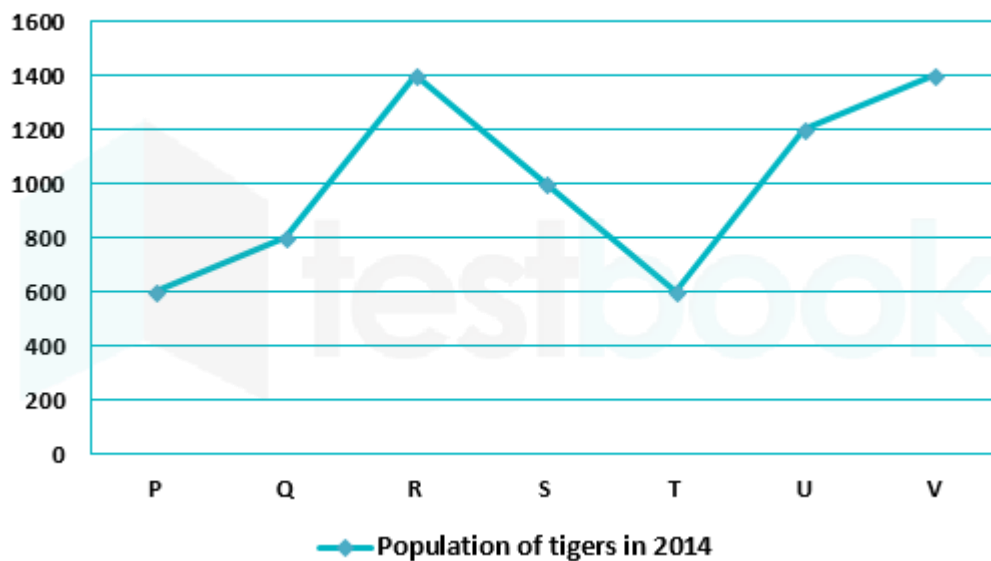
Note:-

Forest P, Q, and S belong to Southern India

Forest R and T belong to Northern India

Forest V belongs to Eastern India

Forest U belongs to Western India

Q 54. Find the ratio of tiger population in Northern, Southern, Eastern and western regional forests respectively.

1) 10 : 12 : 7 : 6
2) 15 : 20 : 13 : 9
3) 10 : 20 : 13 : 9
4) 10 : 20 : 9 : 13
5) 15 : 20 : 14 : 9

Q 55. Find the average number of tigers in southern and northern India if the total population of tigers in these regions is increased by 25% from 2014 to 2016.

1) 2750
2) 2000
3) 2800
4) 2300
5) 3000

Q 56. In 2015, there is an increase in tiger population in the forest P and Q by 20% each and 14.28% population of the tiger of forest V were transferred to forest S in 2014. If there was no increase in the number of tigers in forest S in 2015, then the total number of tigers in South India in 2015 becomes?

1) 2880
2) 1050
3) 2050
4) 2222
5) 3020

Q 57. If there was an increase of 25% in the tiger population from 2013 to 2014 and 10% from 2014 to 2015, then what is the sum of tiger population in 2015 and 2013 together?

1) 13300
2) 13400
3) 13100

4) 13000

5) 13200

Q 58. Find the ratio of the population of tigers in forest P and R together to Q and U together in 2015 if there are 20%, 30% and 40% increase in the population of tigers in every forest of North India, Western India and Southern India respectively?

1) 101 : 102

2) 91 : 97

3) 67 : 63

4) 63 : 67

5) 97 : 91

Q 59. If 14.28% of tigers in forest V were transferred for special care to the western region, find the population of tiger in forest V in 2015. Also, consider that there was an increase of 10% in 2015 in the tiger's population in Eastern India?

1) 1320

2) 1720

3) 1810

4) 1000

5) None of these

Comprehension 60 to 65 :

Directions: Study the graphs given below to answer the following questions and it is given that, In Kerala, the total votes casted to NDA was 53130 more than votes casted to AAP

Percentage of Votes casted in 6 different states is given below.

- Sikkim
- Assam
- Delhi
- Punjab
- Kerala
- Goa

% of votes casted to different parties in Kerala

- NDA
- UPA
- JDS
- AAP
- Others
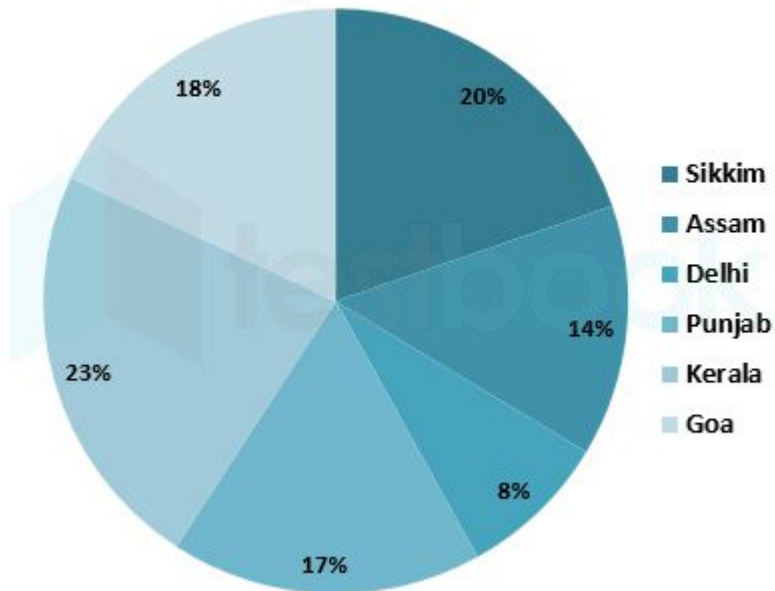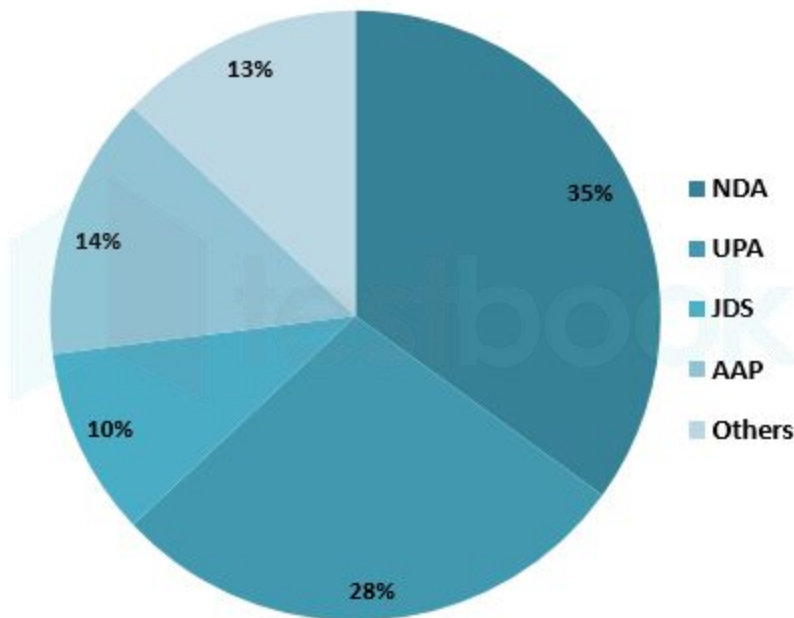
Q 60. What was the total number of votes casted in all 6 states together?

1) 1100000
2) 9000000

3) 8000000
4) 1000000
5) 1200000

Q 61. Find the number of votes casted by women in Sikkim, if votes casted by men in Sikkim are 2516 more than the votes casted by women?

1) 102400
2) 105000
3) 110000
4) 89401
5) 108742

Q 62. Compared to previous year, if the percentage of votes casted increased by 10% for Kerala, Sikkim and Assam and decreased by 14% for other states, then what was the total number of votes casted in previous year?

1) 1035265
2) 984901
3) 1100000
4) 931000
5) 1120000

Q 63. Find the number of votes gained by AAP collectively in Kerala and Delhi, if all the votes in Delhi are casted to AAP.

1) 986538
2) 800000
3) 150000
4) 111110
5) 123420

Q 64. What should be the minimum number of votes required to be casted for NDA instead of UPA so that NDA votes would be greater than AAP, JDS and others combined?

1) 3505
2) 4286
3) 5061
4) 5305
5) 7929

Q 65. Find the number of votes gained by the party with least votes in Goa, if the same chart (% of votes casted to different parties in Kerala) is applicable for Goa also.

1) 16771
2) 17890
3) 45678
4) 90812
5) 19800

Comprehension 66 to 68

Direction: Study the information given and answer the questions that follow.

In a certain code language,

"Superman is Hero" is coded as "!U3 @O1 #I2".

"Batman has power" is coded as "!E2 @I1 %U2".

"Romeo loves Juliet" is coded as "#U3 @O2 &O3".

Q 66. What is the code for "Avengers loves Captain"?

1) @E3 @O2 !E3
2) @F3 @O2 #E3
3) &E3 !O2 %E3
4) %D5 @H9 %E2
5) &E3 !U2 %E5

Q 67. What will be the code for "Marvelous" in that language?

1) @E4

2) !O3
3) @O4
4) &O3
5) #E4

Q 68. **What will be the code for "Jaguar" in this code language?**

1) %O4
2) @O5
3) &O3
4) #O2
5) %O3

Comprehension 69 to 73

Direction: Study the following information carefully and answer the questions given below:

Eight persons Akash, Amit, Raj, Teja, Mohit, Naveen, Ranjeet and Harsh lives on different floors but not necessary in the same order. This building consists of 9 floors, in which 1 floor is vacant. Each floor consists only one apartment. All these persons studied in different university viz – GTBU, SGBAU, AU, UPTU, AMU, DU, JNU and TU. The ground floor is number 1, the floor above is number 2 and so on, and the topmost floor is number 9. There is one vacant floor on odd numbered floors. Amit who studied in GTBU lives on the 8th floor. Akash and Harsh who studied in SGBAU and DU respectively lives on extreme floors. Teja studied in AMU lives on the floor which is **below Ranjeet's floor, who studied in AU. Naveen lives on the floor which is above Raj's** floor who lives on 6th floor. Mohit lives on 4th floor. Person who studied in SGBAU lives on topmost floor. Person living on 3rd floor studied in AU. Raj did not study in TU. Person living on the floor which is below 8th floor studied in JNU.

Q 69. Who lives on ground floor?

1) Mohit
2) Raj
3) Amit
4) Harsh
5) None of these

Q 70. Who studied in UPTU?

1) Mohit
2) Akash
3) Amit
4) Raj
5) None of these

Q 71. Which of the following is false as per the given information?

1) Akash lives on a floor immediately above the floor on which Amit lives
2) Mohit studied in JNU
3) Fifth floor is vacant
4) Teja lives on 2nd floor
5) None of these.

Q 72. How many floors are there between the vacant floor and floor on which Amit lives?

1) One
2) Two
3) Three
4) None
5) More than three

Q 73. Which of the following pairs is related to Naveen?

1) 7th floor – JNU
2) 7th floor – UPTU
3) 8th floor – JNU
4) 8th floor – UPTU
5) None of these

Q 74. Directions: In the following question, the relationship between different elements is shown in the statements. These statements are followed by five

conclusions. Read the statements and then decide which of the following conclusions follow from the given statements.

If the expressions, 'A < B ≤ C > E', 'C ≥ D' and 'I ≥ B' are true, which of the following combinations will be definitely true?

1) I = C
2) A < I
3) D = I
4) A < E
5) None of these

Q 75. **Directions:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given four conclusions is /are definitely true and then give your answers accordingly.

Statements:

R < A; X = R; Z ≥ A; B > X

Conclusions:

I. R ≤ Z

II. A > X

III. R < B

IV. Z > R

1) Only II is true.
2) II and III are true.
3) II, III and IV are true.
4) Only III is true.
5) I, III and IV are true.

Q 76. **Directions:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given four conclusions is /are definitely true and then give your answers accordingly.

Statements:

15 ≤ 11; 20 = 11; 22 > 15; 18 ≥ 20

Conclusions:

I. 22 = 11

II. 22 = 20

III. 15 ≤ 20

IV. 18 ≥ 11

1) I and II are true.
2) III and IV are true.
3) I, III and IV are true.
4) Only IV is true.
5) Only II is true.

Q 77. **Directions:** In the question below, relationship between different elements is shown in the statement. The statement is followed by two conclusions.

Statement: $V \geq W \geq Q \geq Z; H < J \leq Y < O < Z$

Conclusions:

I. V > Z

II. V = Z

1) Only conclusion I is true.
2) Both conclusions I and conclusion II are true.
3) Either conclusion I or conclusion II is true.
4) Neither conclusion I nor conclusion II is true.
5) Only conclusion II is true.

Q 78. **M and N study in a class. In a test, M has secured more marks than N. N's rank is** eleventh from the top among all the students in the class while the rank of M is better than 24 students. Which of the following is definitely true?

1) M stood first in the test
2) There is at least one student between M and N in the rank list
3) The total number of students cannot exceed by 34
4) The minimum number of students is 28

5) None of these

Q 79. B is the husband of P. Q is the only grandson of E, who is the wife of D and mother-in-law of P. How is B related to D?

1) Cousin
2) Son-in-law
3) Son
4) Nephew
5) None of these

Q 80. **Directions:** Read the given information carefully and answer the following question.

B is 25 m south of A. C is 10 m east of B. D is 30 m north of C. E is 7 m east of D. X is 18 m south of E. M is 12 m North of X. P is 7 m west of M.

If Point W is 5 m to the north of A, what is the distance between E and W?

1) 28 m
2) 15 m
3) 21 m
4) 24 m
5) 17 m

Comprehension 81 to 85

Directions: Study the information carefully and answer the questions given below.

Eight persons Anil, Dolly, Bina, Girish, Chetan, Esha, Falak and Hitesh are sitting

around a square table but not necessarily in the same order. Four persons sit at the

corner side of the table while other four sit at the middle side of the table. The

persons who sit at the corner face inside while others face outside. They also have

different ages i.e. 15 years, 17 years, 13 years, 18 years, 24 years, 22 years, 23 years and 28 years but not necessarily in the same order. Falak sits second to the left of Anil and second to the right of the person whose age is 23 years. Dolly sits third to the left of the person whose age is 13 years. Neither Falak nor the persons whose age is 23 years is an immediate neighbour of Chetan. Bina sits immediate to the left of Falak and his age is 24 years who sits opposite to the one whose age is 22 years. Esha sits second to the left of the person whose age is 5 years less than the age of **Chetan's age. Chetan's age is an** even number and Esha sits at the corner side of the table. Hitesh is five years elder to Girish. Age of Girish is 25 years less than the total age of Anil and Esha.

Q 81. Who sits second to the right of the one whose age is 5 years less than the age of Chetan?

1) Dolly
2) The one who is 22 years old
3) Anil
4) Hitesh
5) Falak

Q 82. The sum of the ages of which of the following pairs is exactly the same?

1) Bina, Chetan & Anil, Esha
2) Dolly, Hitesh & Bina, Chetan
3) Falak, Girish & Anil, Esha
4) Falak, Girish & Bina, Esha
5) None of these

Q 83. Who among the following sits immediately to the left of Bina?

1) The person who is 23 years old
2) Dolly
3) The person who is 17 years old
4) The person who is 13 years old
5) None of these

Q 84. Who among the following sits fourth to the right of Anil?

1) Hitesh
2) Esha
3) Girish
4) Bina
5) Falak

Q 85. Which of the following pair faces the same direction?

1) Esha & Hitesh
2) Girish & Dolly
3) Anil & Falak
4) Chetan & Girish
5) Bina & Esha

Comprehension (86 to 87)

Directions: Study the information given below and answer the question that follows.

i) X, Y, Z, M, N, O and L are seven brothers in a family.

ii) Y and Z are shorter than O but heavier than X.

iii) M is heavier than Y and taller than Z.

iv) N is shorter than M but taller than O.

v) O is heavier than M.

vi) X is shorter than N but taller than O.

vii) L is shorter than Y and Z and lighter than X.

Q 86. Who is fourth from the top when they are arranged in descending order of their heights?

1) X
2) Y
3) O
4) Z
5) Cannot be determined

Q 87. Which of the following statements is true for X?

1) He is lighter than N and taller than N
2) He is heavier than Y and taller than N
3) He is heavier than L but shorter than M
4) He is lighter than N and also shorter than N
5) He is lighter than Y and Z but taller than M

Comprehension 88 to 92

Directions: Study the following information carefully to answer the given questions.

Seven different boxes namely D, E, F, G, H, I and J having different no. of articles in it placed one above the other. No. of articles is 3, 7, 10, 13, 17, 18, 20. The following information is given below.

There are two boxes between G and the box in which there are 13 articles. Two boxes are placed between D and the box in which there are 10 articles. There are only three boxes between H and the box which have 10 articles. G is placed below D. I is immediately **below the box which has 17 articles. D doesn't have 17 articles. Only one box is the**re between E and J. There are two boxes between the boxes having 17 and 7 articles. G lies above the box having 13 articles. The difference between no. of articles in boxes G and just above G is 13. The number of articles in the box which is just above J is less than the no. of articles in J. E does not have 7 no. of articles.

Q 88. Find the pair of articles and boxes which is not correct?

1) E – 18

2) I – 13
3) D – 3
4) J – 7
5) None of these

Q 89. Which of the following condition is correct regarding the box which contains 3 articles with respect to H?

1) There are only one box between the box H and the box which contains 3 articles
2) Box H is immediately above the box which contains 3 articles
3) Box which contains 3 articles is immediately above box H
4) All of the above is true
5) None of the above is true

Q 90. Box D contains how many articles?

1) 17
2) 18
3) 7
4) 13
5) None of these

Q 91. **How many articles are there in box 'G'?**

1) 13
2) 17
3) 20
4) 18
5) **Can't be determined**

Q 92. How many boxes is/are there between G and I?

1) One
2) Two
3) Three

4) Four
5) None

Comprehension 93 to 95

Directions: First 12 even numbers are written from top to bottom. The letters of word **'FRIEND' are written in alphabetical order against each multiple of 4 (One letter against** one number). There are 2 letters between M and F. There are as many letters between M and N as between B and D. B is not against number 14. There are 5 letters between X and Y. X is above Y. K is written against number 6. (No letter is repeated against any number)

Q 93. What is the average of numbers which are against letters B, F and D?

1) 22
2) 16
3) 6
4) 8
5) 14

Q 94. If there are 3 alphabets in English alphabetical series between alphabets written against numbers 14 and 18. Then how many alphabets in English alphabetical series are there between the alphabets written against numbers 14 and 16?

1) Six
2) Five
3) Seven
4) Four
5) Cannot be determined

Q 95. Which is the second letter in meaningful word formed by letters against numbers 10, 16, 20 and 22?

1) X
2) D

3) N
4) I
5) R

Comprehension 96 to 100

Direction: Study the following information carefully and answer the given question.

Eight students A, B, C, D, E, F, G and H are sitting in a straight line and all of them are facing in the North direction. They want to take admission in a college in 2015. The age criteria to take admission in the college is 20 to 30 years and age is counted according to the year 2015. They were born in different years 1992, 1993, 1994, 1996, 1991, 1989, 1983, and 1982 (not necessarily in the same order).

A sits at one of the ends of the line. The one who has 22 years of age sits second to the right of A. The age of the student who sits between A and the one who was born in 1993 is equal to the one who was born in 1993 and B. B was born in 1982. C is not an immediate neighbour of B and A. C does not sit at any of the ends. C sits to the left of B. There are three students sitting between C and the one whose age is 24 years. Three students are sitting there between F and G. F and G do not sit at any of the ends. F sits immediate right of the person whose age is 33 years. H is an immediate neighbour of F. The one who was born in 1983 sits on the left end of the line. The youngest one, who is D sits at one of the ends of the line. There are only two students sitting between the one whose age is 21 and 24 years. The one who was born in 1992 sits to the right of C.

Q 96. Who was born in 1996?

1) A
2) B
3) C
4) D
5) E

Q 97. Who sits fourth from the right end of the line?

1) One who is born in 1982
2) One who is 22 years old
3) E

4) One who is born in 1994
5) Both C and D

Q 98. Who is the youngest student in the college?

1) D
2) E
3) H
4) F
5) None of these

Q 99. Which of the following students cannot take admission in college?

1) A
2) B
3) C
4) H
5) Both A and B

Q 100. Who is second to the left of A?

1) Who is born in 1993
2) H
3) Student of 23 years of age
4) Student of 22 years of age
5) None