Direction: In this question, three columns (I, II and III) and three sentences are given, which are divided into three parts. Column I (A, B and C) consists of first half of each sentence and it is fixed. Column II (D, E and F) and Column III (G,H and I) consist of the remaining half of each sentence. Match column I with column II and III, so that the sentences formed are both meaningful and grammatically correct. Choose the correct option as your answer.

1.

Column I

A) On 19 October 2017, the astronomer Robert Weryk

B) With her laptop in front of her

C) Mr. Zuckerman's extreme environmentalist anti-immigration sentiments

Column II

D) spotted an extraordinary splinter of rock, just a few hundred metres across,

E) is motivated by the presumption that the place we live is special

F) she's listening intently to a giant pair of headphones

Column III

G) Applying the technology in native town of California

H) held upside down so that the strap hangs below her chin

I) tumbling through our inner solar system

A. ADI, BFH and CEG

B. AID, BHF and CGE

C. AIB, BHD and CGF

D. ADI and BFH

E. None of the above

2.

Column I

A) Speculation might well be the creative engine of science

B) Democracy is a form of government based upon the fundamental assumption

C) The accused have been charged with conspiring with a senior royal

Column II

D) but it's only when flights of imagination are followed up by intellectually

E) of equality of all individuals and of their equal rights to life

F) against the monarch, while seeking foreign assistance

Column III

G) honest, rigorous critique that we have a chance of learning more about our world

H) liberty and pursuit of happiness

I) who is the half-brother of the King to stoke unrest

ADG, BEH, CIF

A. AGD and BEH

B. ADH, BEG and CFI

C. ADG, BEH and CIF

D. AGD, BHE and CFI

E. None of the above

3.

Column I

A) The atmosphere was electric, the exchanges witty and

B) Some former social media influencers

C) After 12 years of fascism, six years of war, and the concentrated

Column II

D) highlight the dangers of curating a self-image with little purchase in reality

E) genocidal killing of the Holocaust

F) and thus the debates were well attended by professors and students alike

Column III

G) the arguments well thought out and well-honed,

H) have turned against their platforms and chosen to

I) investment to market is extremely risky.

AGF and BHD

A. AFG, BEH and CFI

B. AFI, BHE, and CIF

C. AGF and BHD

D. AFG and CDH

E. None of the above

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4.
Column I
A) The actress took her second vaccine shot
B) Detailed reports from the north Germany suggest that
C) Renaissance philosophy started in the mid-14th century
Column II
D) for Covid exactly a month after her first dose
E) in one city alone, some 100,000 people bought confiscated
F) and saw the flowering of humanism, the rejection of scholasticism
Column III
G) and shared the update with fans on Instagram on Tuesday
H) goods from various auctions during the Nazi regime
I) and the renewal of interest in the ancients
A. ADG, BEH and CFI
B. AGD, BHE and CIF
C. ADH, BEI and CFG
D. AFH, BDI and CGE
E. None of the above

5.
Column I
A) Nihilism, over the course of time, has been given
B) Some people are lucky enough to look back at
C) The leader of the opposition vehemently criticized and slammed
Column II
D) many meanings and has been interpreted in
E) as benefitted from the work-fromhome and remote education boom
F) the list of hospitals was provided by the government
Column III
G) many different ways by philosophers throughout history
H) most of them being state-run hospitals
I) vaccines, especially in the rural area
A. AEG and CFI
B. BEI
C. AGF, BEH and CFI
D. ADG
E. None of the above

Direction: Read the passage carefully and answer the questions that follow. A word is given in bold to help you locate it while answering on of them. I don't think it's too soon to say that the COVID-19 global pandemic will likely be one of the defining events of 2020, and that it will have implications that last well into the decade. The situation is rapidly changing. The amount of people deemed safe to gather in a single place has dwindled from thousands, to hundreds, to ten. Restaurants, bars, movie theaters, and gyms in many major cities are shutting down. Meanwhile many office workers are facing new challenges of working remotely full time. Essentially, people are coming to terms with the realities of our interconnected world and how difficult it is to temporarily separate those connections to others. To say that we are living in unprecedented times feels like an understatement. We received responses from many on how people are approaching this period of isolation and uncertainty in huge overnight changes to their shopping behaviors. From bulkbuying to online shopping, people are changing what they're buying, when, and how. As more cities are going under lockdowns, nonessential businesses are being ordered to close, and customers are generally avoiding public places. Limiting shopping for all but necessary essentials is becoming a new normal. Brands are having to adapt and be flexible to meet changing needs. As people have embraced social distancing as a way to slow the spread of the pandemic, there has naturally been a drop-off in brick-and-mortar shopping. That would seem to mean there would likely be an increase in online shopping as people turn to

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ecommerce to purchase the items they might have otherwise purchased in person. No doubt, online retail has played a huge role in keeping the U.S. economy from suffering even greater damage during the pandemic. **Stayat-home orders and consumer**

Online retail still doesn't completely satisfy most consumers, though. A study reported 90% of surveyed shoppers stated high shipping fees and home delivery lasting more than two days would deter an online purchase. Amazon (the nation's second largest retailer behind only Walmart) cracked the code with its Prime service, offering free shipping and two-day (or faster) turnaround. Not surprisingly, Amazon saw tremendous sales growth in 2020. Other national retailers, including Walmart and Target, have poured resources into strengthening their online shipping services. **For example, customers shop for items online, then pick up their merchandise either in the store or, even more conveniently, curbside in their cars.**

However, the market shift in retail is posing tremendous challenges to small retailers: challenges that COVID-19 exacerbated. Surely, engaging in e-commerce is more than simply setting up a website and waiting for orders.

6. Which of the following word/phrase can replace the highlighted phrase in the passage?

Drop off

A. Rachet down
B. Distend
C. Taper off
D. Both A and C
E. All A, B and C

7. Which of the following assumptions strengthen the given argument in the passage?

Surely, engaging in e-commerce is more than simply setting up a website and waiting for orders.

1) E-commerce business involves a huge costs related to software, sales tax accounting and SEO.
2) The investors are augment their profits without adhering to tax liabilities.
3) Consumer behavior and loyalty is much dependent on their safety during the pandemic and immediate access to the retail products.

A. Only 1
B. Only 2
C. Both 1 and 3
D. Both 2 and 3
E. All of these

8.Which of the following statements best describes the main idea of the passage?

1) Understanding the COVID-19 Effect on Online Shopping behavior
2) Understanding the impact of pandemic on online retail industry
3) How has pandemic led to revival of brick and mortar shopping

A. Only 1
B. Only 2
C. Both 2 and 3
D. Only 3
E. Both 1 and 2

9.Which of the following can best describe the tone of the passage?

A. Commiserating
B. Grandiose
C. Derisive
D. Dogmatic
E. Incendiary

10.10. What does the author mean when he mentions:

" To say that we are living in unprecedented times feels like an understatement. "

A. The author means that the overnight changes that this pandemic has cauused people to incorporate in them is though unwelcomed, but people are pushingn hard to adapt themselves to it. Such situation have nev

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er been expereineced before but the way people have adapted to it, we can say that the intensity of the challenge seems less now.

B. The overnight changes, isolation, separation from interconnected world, people are much affected and they are finding it hard to adapt to the new normal.

C. The intensity of the pandemic currently is quite low and people are able to adapt to it easily,seeming that such an experience is not anything new for them.

D. Both A and B

E. Both B and C

11.Which of the following statements should precede the emboldened line in the passage?

For example, customers shop for items online, then pick up their merchandise either in the store or, even more conveniently, curbside in
their cars.

A. As online momentum builds, online return volumes will inevitably rise – putting intense pressure on profit margins.

B. For many businesses striving to remain relevant and survive the disruption, their transition will likely mean a challenging readjustment as business models are aligned with the 'new normal'.

C. Omni-channel marketing — which combines the strengths of online and in-person retail — offers opportunities for brick-and-mortar retailers to serve customers in this new environment of increased comfort with web shopping.

D. As the European retail industry undergoes a period of transformation, businesses need to adopt a more detailed and data-driven approach to profitability.

E. Before using the product, consumers should check that product they received is what they actually ordered by comparing its description
at the point of purchase with the product packaging information, and that there is no visible damage.

Direction: Read the given passage carefully and answer the questions that follow. Certain word (s) are printed in bold to help you locate them while answering some of these. Genghis Khan got his dying wish: despite attempts by archaeologists and scientists to find the Mongolian ruler's final resting place, the location remains a secret 800 years after his
death. The search for his tomb, though, has inspired an **innovative** project that could help protect polar bears.

"I randomly tuned into the radio one night and heard an expert talking about the use of synthetic **aperture** radar [SAR] to look for Genghis Khan's tomb," says a researcher involved in the project. "They were using SAR to penetrate layers of forest canopy in upper Mongolia, looking for the ruins of a burial structure." Talking to engineers, the researcher learnt that SAR is used by the military to detect enemy camps, tanks and vehicles hidden beneath **camouflage** and is being studied as a potential
tool for finding avalanche survivors. He and his team had been looking for a technology to detect polar bear dens. "It was very **serendipitous** that I heard that broadcast," he says. Successful pilot tests using SAR to find simulated polar bear dens took place in Alaska's Prudhoe Bay in 2014 and 2015. The project was
resurrected with trials in March 2021 on a snowy mountain plateau in Utah's Manti-La Sal national forest. A SAR device was fitted to a Cessna O2A Skymaster that flew 3,000ft (900
metres) over researchers and students digging dens a metre under the snow. With a lack of polar bears in Utah, students crawled inside to act as targets, or laid out simulated bears made from cardboard and tinfoil.

Building dens is a critical period for polar bears. For months**, vulnerable** cubs rely on their mother's milk and the safety of the den to survive. As polar bears are driven further inland by receding sea ice, denning areas and oil and gas activity increasingly overlap. Disturbances can push fearful mothers to abandon their dens. The chances of survival for

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With fewer than 26,000 polar bears thought to be left globally and an estimated decline of 40% in some populations, such as the southern
Beaufort Sea, every den and bear counts.
SAR detects objects by sending pulses of radio waves; sensors pick up the echo or "bounce" to map an area. The aim is to find the right frequency, a sweet spot, that can penetrate snow but still detect a bear. Getting reliable data on denning sites is vital. "The Arctic national wildlife refuge is the perfect example," says a researcher. "Industry wants to go in and pump oil. If we have a tool that definitively says exactly where polar bear dens are, that means keeping people away from those places. If we
want bears, we need baby bears, so we've got to protect those dens."

12.12. Which of the following assumptions are supported by the passage?
I) Synthetic Aperture Radar can penetrate denser surfaces for the most effective remote sensing among extant remote sensors.
II) Global Warming is directly related to the endangerment of polar bears.
III) Researchers need approximate data on denning sites to better protect them.
A. Only I
B. Only II
C. Both I and II
D. Both II and III
E. All I, II, and III

13.Given below is a possible inference that can be drawn from the facts stated in the passage. You have to examine the inference in the context of the passage and decide upon its
degree of truth or falsity.
"Synthetic Aperture Radar is an amplitude-based remote sensing that tries to find the right amplitude of the echoes reflecting off surfaces and targets."
A. Definitely true
B. True
C. False
D. Definitely false
E. Cannot be determined

14.Which of the following themes is being discussed in the passage?
A. Climate change and its impact on arctic fauna.
B. Scientific Research as a way forward to combat climate change and species extinction.
C. Remote sensing as a way of combating the extinction of endangered species.
D. The role of sound wave frequency in developing modern remote sensing AI.
E. None of the above

15.Which of the following options correctly describe the tone of the passage?
A. Caustic
B. Informative
C. Assertive
D. Deprecatory
E. Condescending

16.Which of the following can effectively fill the blank in the fifth paragraph of the passage?
A. the weak and undeveloped cubs prematurely out on the snow and ice, are drastically reduced.
B. the strong and well developed cubs prematurely out on the snow and ice, are drastically reduced.
C. the weak and hyperdeveloped cubs out on the snow and ice, are drastically increased.
D. Both A and C
E. None of the above.

17.Which of the following words as used in the passage can be replaced by the word "Fortuitous"?
A. Innovative
B. Aperture
C. Camouflage
D. Serendipitous
E. Vulnerable

Direction: Four statements are given below at A, B, C and D . There may be some errors in the given

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statements. Mark the incorrect statement as the answer. If all the statements are incorrect, mark E i.e. All are incorrect as the answer.

18.. Question

A. A 400-year old lake on Hawaii island was evaporated due to lava from the weeks-long eruption of the Kilauea volcano, which paved over tide pools and coral gardens, leading to death of a number of sea creatures.

B. On Hawaii island, lava from the weeks-long eruption of the Kilauea volcano has paved over tide pools and coral gardens, boiled a 400-year-old lake until it evaporated and killed a number of sea creatures.

C. The evaporation of a 400-year old lake on Hawaii island resulted due to the spread of lava from the weekslong eruption of the Kilauea volcano, which paved over tide pools and coral gardens and a number of sea creatures.

D. Death of a number of sea creatures resulted from a 400-year old lake on Hawaii island evaporating due to lava from the weeks-long eruption of the Kilauea volcano, which paved over tide pools and coral gardens.

E. All are incorrect

19.Question

A. The National Award-winning actor, Naseeruddin Shah, has acted in more than 100 films till date and knows the industry like the back of his hand.

B. Luckily, the television series have also done a lot of permanent damage by propagating completely outdated and miscredited situations by showing the woman to always be at his husband's beck and call.

C. I see hope from those filmmakers because they are making movies without the pressure of a producer sitting on their heads and without having to worry about the budget.

D. Shah feels that most kids born into the industry believe that the industry owes them something by accommodating them.

E. All are incorrect

20.Question

A. From the gorgeous scenery and rich history to the culture and the personalities of the people who live here, the unique aspects of Scotland are so appealing that it should surely be our next travel destination.

B. The Scottish Highlands are just as beautiful as you've imagined and they let you see the Scotland of your imagination.

C. Not all of Scotland is lush green – the coastline is lined with beautiful white sandy beaches where you can dig your toes in the sand and listen to the roaring waves crashing onto the land.

D. The best way to feel the rhythm of traditional Scottish music is by attend a Scottish dance event for which you can dance in couples or small groups.

E. All are incorrect

Direction: Out of the five statements given below, only one is grammatically correct. Choose the correct statement as your answer.

.21. Question

A. Tape worms are those organisms which can breed in your intestine, that means they can also share the nutrition & fats of your food.

B. People who practice KEN diet aren't allowed to eat or drink anything for a span of 10 days, and they even have to get a pipe inserted through their nose for the supply of basic nutrients.

C. Fascinating architecture – whether modern or historic - always attracts tourism because it's indicative of the kind of beauty only humans and not so machines can together create.

D. Push-ups are one of the exercise which strengthen your arms and upper body but give you a great physique.

E. However the movie didn't gain as much attention in India, Zubaan was the first Bollywood film to open the 20th edition of the Busan International Film Festival.

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22.Question

A. 2018 so far has been the year of movies and shows that struck a chord with the audience, not just for their storylines, but also for some amazing performances by certain actors.

B. The subject of the film demanded the actors to portray a myriad range of human emotion, especially vulnerability in the farce of emotional loss.

C. Adele's mother was a brilliant guitar player and a young Adele had begun developing an interest in music from her mother's age.

D. While studying in one of the most renowned schools of performing arts, Adele wanted to make her career in Artists and Repertoire, which entails overlooking the artistic development of recording artists and songwriters.

E. Not only is she a critically acclaimed singer, she's an incredible human being who's bold, powerful, and believes in taking charge of her own life.

23.Question

A. Not to far from the realms of the Thar desert, its shape-shifting sand dunes, mighty forts and palaces, the Kalbeliya dancers and scorching heat, there lies a city with lush green forests, pleasant weather and plenty of flora or fauna.

B. Achalgarh fort was build by Maharana Kumbha, the ruler of Mewar, who built a total of 32 forts in Rajasthan during his reign.

C. Krem Puri Cave is an incredibly complex maze of hundred of short passages and long stretches of corridors which are interconnected in a big network.

D. The Shyok River meets the Nubra or Siachan River to form the beautiful Nubra valley separates the Ladakh and Karakoram mountain ranges.

E. The Bhimbekta caves were discovered quite recently in 1957 and were declared a UNESCO World Heritage Site only in 2003.

Direction: In the following question, three statements have been given, and a word has been highlighted in each of them which may be the synonym or antonym of the word given in bold. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

24.

Hurdle

I. By going around the world in his wheelchair, Rick Hansen showed the world that an **impediment** shouldn't stop you from achieving your goals.

II. Bored, restless, fearful, she retreated to the back of the cave, searching it again for any sort of door or anything that might **aid** her escape.

III. If you're in the middle of a blistering guitar solo on an electric, you can **fudge** the details a little bit in a way that would never fly on an acoustic.

A. Only I

B. Only II

C. Both II and III

D. Both I and II

E. All I, II and III

Direction: In the following question, three statements have been given, and a word has been highlighted in each of them which may be the synonym or antonym of the word given in bold. Identify the statement(s) in which the word fits contextually to convey a logical meaning.

25.

Convert

I. Before going on the trip, he **changed** the currency to ensure no hassle during the vacation.

II. The **apostate** firmly believed in his decision to leave the order following the discovery of its criminal activities.

III. The **translate** was quickly edging into an agitated argument.

A. Both I and II

B. Both I and III

C. Both II and III

D. Only I

E. Only II

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26.Remedial
I. The **therapeutic** sessions helped her a lot in coming to terms with the trauma of being orphaned at the age of five.
II. Despite being discharged from the hospital, he was advised to remain on **palliative** care.
III. The audience was quickly becoming **restorative** and demanded that the artist begin the performance immediately.
A. Both I and III
B. Both I and II
C. Only III
D. Both II and III
E. None of the above

27.Abscond
I. For a minute there, the policemen thought that the thief was going to **bolt** and run away from custody.
II. Today's seizure was by far the biggest **seizure** of cannabis by the police force of the state.
III. Ayush **escaped** after slaying his brother, but he couldn't avoid the lingering sense of guilt.
A. Only I
B. Only II
C. Only III
D. Both I and III
E. All I, II and III

28.Adamant
I. The king **resolved** to avenge his father's death by conquering the southern province by fair means or foul.
II. Due to pandemic, students are not able to take proper examinations and their grades in many cases might not be **satisfactory.**
III. Passengers in large numbers were seen **proceeding** towards the railway stations to catch the train.
A. Only I
B. Only II
C. Only III
D. Both I and II
E. All I, II and III

Direction: In the following question, six statements have been given. All the given sentences, when rearranged, form a coherent
paragraph. Arrange the parts to form coherent and grammatically correct passage and answer the questions that follow.
a) The happiness first infected the zeitgeist with the publication of Laurie Garrett's The Coming Plague (1994) and Richard Preston's Hot Zone (1995).
b) But there's something in these scenarios not logical as there is nothing new in the intimate contact between animals and people because
our hominid ancestors lived on wildlife before we ever evolved into Homo sapiens.
c) the fear about pandemic is confirmed by historical memory (1)/ history like black confetti (2)/ because over the time, plagues have killed a (3)/ lot of people, and deadly
diseases litter (4)
d) According to the evolutionary epidemiologists, the most dangerous infectious diseases **are almost always not animal diseases fresh broken into the human species,** but diseases adapted to humanity over time: smallpox, malaria, tuberculosis, leprosy, typhus, yellow fever, polio.
e) One of the early records is that of the Antonine Plague in the year 165 CE, killed the Marcus Aurelius and millions of his subjects while the Black Death of 1348-50, spread by human fleas and from human lung to human
lung, killed tens of millions.
f) Great Australian virologist Frank Macfarlane Burnet, argued (1)/ the plagues were a result from (2) humanintrusion into the natural world (3)/ Studying these events, many health
experts, including the (4)

29. Out of the given sentences, which of the following is incoherent to the theme of the passage?
A. D
B. B
C. C

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D. F
E. A

30.What should be the correct sequence of statement labelled C?
A. 1324
B. 1342
C. 2134
D. 3124
E. No changes required

31.What should be the correct sequence of statement labelled F?
A. 1243
B. 3214
C. 2413
D. 4123
E. No changes required

32.Which of the following will be the second statement after rearrangement?
A. E
B. B
C. C
D. D
E. F

33.Which of the following will be the last statement after rearrangement?
A. A
B. B
C. E
D. D
E. F

34. In statement D, a part of the sentence is highlighted. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given
five options. In case the given sentence is correct, the answer will be option (E), i.e., 'No correction required'.

A. almost always not animal diseases freshly broken into the human species
B. almost always not animal diseases refresh broken into the human species
C. almost always not animal diseases fresh broken into the human specimen
D. almost always not animalish diseases fresh broken into the human species
E. No correction required.

35.
Convert
I. Before going on the trip, he **changed** the currency to ensure no hassle during the vacation.
II. The **apostate** firmly believed in his decision to leave the order following the discovery of its criminal activities.
III. The **translate** was quickly edging into an agitated argument.
A. Both I and II
B. Both I and III
C. Both II and III
D. Only I
E. Only II

36.**Remedial**
I. The **therapeutic** sessions helped her a lot in coming to terms with the trauma of being orphaned at the age of five.
II. Despite being discharged from the hospital, he was advised to remain on **palliative** care.
III. The audience was quickly
becoming **restorative** and demanded that the artist begin the performance immediately.
A. Both I and III
B. Both I and II
C. Only III
D. Both II and III
E. None of the above

Direction: The following question carries a statement with two blanks. From the given options, choose the option that would fit in both the blanks to

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make the sentence grammatically correct and meaningful.

37.
The "---------- " election of four new hereditary peers to the House of Lords has shown how a "few dozen ----------" have more sway than thousands of voters and campaigners say.
A. mad, ill-bred
B. sensible, countess
C. asinine, commoner
D. ludicrous, aristocrat
E. grandee, quotidian

38. In the short panel discussion at the end of the conference an--------- voice asked whether digital architecture is really ---------- , in a social and political sense.
A. afraid, stringent
B. shrieky, profound
C. intrepid, radical
D. cowardly, draconian
E. plucky, lament

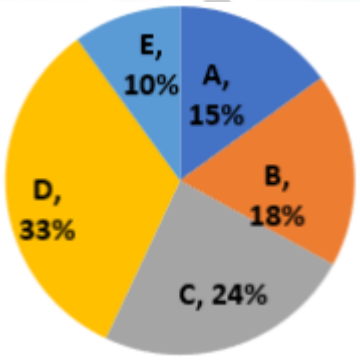
Direction: A sentence with two blanks is given, followed by five options. The correct answer must fill both the blanks, to make the sentence meaningfully and grammatically correct.

39. While conducting the research into the rationale behind the country's propagandising, the scholars ----------that the country's----------
elite's anxiety to present themselves as a homogeneous group was, ironically, a byproduct of their nation's Mediterranean geography.
A. Determined
B. Lettered
C. Grave
D. Read
E. None of the above

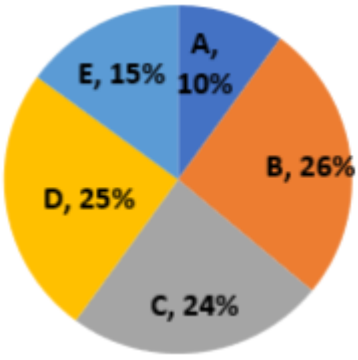
40.Despite inflicting---------- on the 'Other' for generations, the white people of specific ethnic and religious backgrounds are---------- up about soon becoming the electoral minority in the regions they currently dominate because of immigration, both legal and illegal, and differing fertility rates among the relevant groups.
A. Damage
B. Bruises
C. Wound
D. Triggered
E. None of the above.

Direction: Study the following pie charts and answer the given questions.

The pie chart given below shows the total number of employees (male and female) working in 5 companies – A, B, C, D and E .



The below pie chart shows the number of male employees working in 5 companies – A, B, C, D and E .



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I. The difference of the total number of employees (male and female) working in companies A and B is 21.
II. The number of male employees working in company A is $38\frac{2}{21}$ % of the total number of employees working in company A.

41. What is the central angle of total number of male employees working in company A?
A. 36°
B. 45°
C. 54°
D. 60°
E. 75°

42.What is the average number of female employees working in the given 5 companies?
A. 50
B. 48
C. 54
D. 70
E. None of these

43.What is the ratio of number of female employees working in companies C and E?
A. 36 : 5
B. 18 : 5
C. 8 : 1
D. 6 : 1
E. None of these

44.Number of female employees working in company B is what percent less than the number of male employees working in company D?
A. 63%
B. 72%
C. 22%
D. 78%
E. None of these

45. Find the difference of number of female employees working in the companies A and D .
A. 86
B. 206
C. 65
D. 66
E. None of these

46.Only 12.5% of female employees and 18.75% of male employees working in the company C are post graduate, find the total number of post graduate employees working in
the company C .
A. 18
B. 24
C. 27
D. 30ss
E. None of these

47.There are total 80 students in a class. The number of boys who wer not present in the class is 4 less than the number of girls who were not present. The number of girls who were present was two-third more than girls who were not present. 40 boys were present in the class. Find the total number of girls in the class.
A. 28
B. 40
C. 32
D. 30
E. 48

48.There are two villages X and Y. Number of females in village X and female in village Y is equal. Number of male in village Y is 25% less than the number of males in village X. If the number of females in village Y reduced by 50% and the number of males in village Y becomes 50% more than that of village X then total population of village Y will remain same. Find the ratio of total population of village X and village Y.
A. 7 : 6
B. 5 : 6
C. 10 : 9
D. 12 : 7
E. None of these

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49.A container has 160 litres of pure milk and X litres of milk was drawn and replaced with same quantity of water. Now milk becomes three times of water. If 20 litres of mixture was taken out and replaced with same quantity of water, find the quantity of water in final mixture.

A. 64 litres
B. 72 litres
C. 40 litres
D. 55 litres
E. 50 litres

50.An article is marked up by X% and sold on 0.5X% of discount and earns profit of 8%. Find the value of X if the value of X is more than 20 .

A. 80
B. 70
C. 60
D. 90
E. 84

51.A invests Rs. 9780 in a scheme A at R% rate of simple interest for 3 years. He reinvests the interest amount in scheme B at 20% rate of interest on compound interest for 2 years. He received Rs. 6337.44 after 2 years. Find the value of R.

A. 24
B. 20
C. 15
D. 30
E. 28

52.60 men can complete a piece of work on time. 40 men can complete the same work in 12 more days. Find in how many days can 18 men complete $\frac{3}{5}$ th of the work.

A. 50 days
B. 48 days
C. 60 days
D. 72 days
E. None of these

Direction: Each question below is followed by two statements I and II. You have to determine whether the data given in the statement is sufficient for answering the question. You should use the data and your knowledge of Mathematics to choose the best possible answer.

53. There is a series of three consecutive odd numbers and another series of three consecutive even numbers. Find the difference between sums of both series.

Statement I: Middle value of odd number series is 7 more than the middle value of even number series.
Statement II: Sum of smallest number of odd number series and largest number of even number series is 57.

A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question
C. The data either in statement I alone or in statement II alone is sufficient to answer the question
D. The data given in both statements I and II together are not sufficient to answer the question
E. The data given in both statements I and II together are necessary to answer the question.

54. In a class, 52% students fail in English and 42% students fail in Mathematics. Find the percentage of students who passed in both exams.

Statement I: 48% students passed in English.
Statement II: 25% students passed in only Mathematics.

A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question

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C. The data either in statement I alone or in statement II alone is sufficient to answer the question
D. The data given in both statements I and II together are not sufficient to answer the question
E. The data given in both statements I and II together are necessary to answer the question.

55.There is a path around a square field. Find the area of the square field.
Statement I: Width of path around the square field is 2 m.
Statement II: Total area of the path is 136 m2
.A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
C. The data either in statement I alone or in statement II alone is sufficient to answer the question.
D. The data given in both statements I and II together are not sufficient to
answer the question.
E. The data given in both statements I and II together are necessary to answer the question.

56.The ratio of monthly incomes of Ananya to Shaila is 5 : 6 and the rati of their monthly savings is 2 : 3. What is the monthly expenditure of Shaila?
Statement I: The ratio of monthly income and monthly savings of Ananya is 5 : 2 respectively.
Statement II: The monthly expenditure of Ananya and Shaila is equal.
A. The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
B. The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question
C. The data either in statement I alone or in statement II alone is sufficient to answer the question
D. The data given in both statements I and II together are not sufficient to answer the question
E. The data given in both statements I and II together are necessary to answer the question.

57.$x^2 - \frac{23x^2}{\sqrt{46x^2+54x^2}} + k = 0$. If one root of this quadratic equation is, $\frac{1}{12}$, find the value of other root value.
A.$\frac{3}{5}$
B. $\frac{4}{5}$
C. $\frac{4}{7}$
D. $\frac{2}{3}$
E. None of these

Direction (58-60): Study the following information carefully and answer the question given below.
Some equations and conditions are given.

Equations	Conditions
a.$10x^2$-x-3=0	d.50 times of largesr root value is divisible by 6
b. $4y^2$+8y-5=0	e. Product of both root value is between -1 and -2
c.2 z^2+9z-35=0	f. Sum of both root value will be positive value

58. In the following the combination of equation and condition are satisfying each other?
A. b-d
B. c-e
C. a-d
D. b-f
E. None of these

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59. In the following the combination of equation and condition are satisfying each other?
A. b-f
B. b-e
C. c-d
D. a-e
E. None of these

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

60. $\frac{(1214.23+2312.03-825.98)}{5.97} \times 2 = ? + 99.80$
A. 750
B. 720
C. 800
D. 840
E. 850

61. $(15.99)^2 + (11.01)^2 - (9.98)^2 = ? + 124.001$
A. 157
B. 146
C. 172
D. 153
E. 168

62. 74.9% of $719.99 - ?^2 - 40\%$ of $250.01 = \sqrt{1370}$
A. 25
B. 20
C. 32
D. 16
E. 12

63. $\frac{40.12\times14.99}{12.001} + 24.01 - 5.001 \times 31.899 = ?$
A. –86
B. –71
C. 77
D. 82
E. –93

64. 59.98% of $640.09 - ?^3 = 84.02\%$ of $250 - 168.9$
A. 15
B. 10
C. 7
D. 5
E. 12

65. The ratio of the age of Anmol 5 years ago to the age of Prashant after 4 years is 4 : 5. Anmol is 5 years older than Prashant. Anmol is 4 years younger than Keshav. The age of Keshav is how much percentage more than that of Prashnat?
A. 45.5%
B. 52%
C. 56.25%
D. 52.45%
E. 60%

66. A shopkeeper mixed X litres sanitizer of one variety cost Rs. 240 per litres and (X – 12) litres sanitizer of other variety cost Rs. 280 per litres and after selling the mixture at Rs. 309 per litres, he got a profit of 20%. Find the value of X.
A. 60
B. 42
C. 54
D. 48
E. None of these

67. P and Q started a business with the capital of Rs. 24000 and Rs. 32500. After x months R also joined them with the capital of Rs. 40000 while after (x + 4) months, Q withdrawn all his investment and the ratio of the profit share of P to R after one year is 4 : 5. After how many months did Q withdraw the amount?
A. 6 months
B. 8 months
C. 5 months
D. 7 months
E. None of these

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68.Two bottles were purchased at the same price. One was sold at 25% profit and second was sold at a price which was Rs. 2160 less than the price at which first was sold. If the overall profit earned by selling both the bottles was 10%. What was the Cost price of one bottle?

A. Rs. 5400
B. Rs. 7200
C. Rs. 9000
D. Rs. 8400
E. Rs. 7500

69.A container contains 765 litres mixture of milk and water in the ratio of 10 : 7 respectively. If 20% mixture was taken out and 2X litre milk and (3X – 32) litre water is added in the remaining mixture, then the ratio of the milk to water in the final mixture becomes 6 : 5. What is the difference between the quantity of milk and water in the final mixture?

A. 80 litres
B. 60 litres
C. 75 litres
D. 120 litres
E. 90 litres

Direction: Study the following information carefully and answer the questions that follow.

Four people(P, Q, R, S) have certain amount of money in their wallets. The currency notes in the wallet of the four people were in only 3 denominations.(D-I, D-II, D-III)

The table given below shows the total amount that the four people have and the amount of the three different denominations for the four people. The amount with S is missing from the table.

Person	Amount (in Rs.)	Denomination D-I (in Rs.)	Denomination D-II (in Rs.)	Denomination D-III (in Rs.)
P	1120	50	20	10
Q	3250	100	20	5
R	5400	200	50	20
S	-	20	10	5

It is also known that each of the 4 people had the same number of currency notes for each of the denominations i. e. For person P: Number of notes of denomination D-I = Number of notes of denomination D-II = Number of notes of denomination D-III. This holds true for all the 4 people.

70. T has currency notes of three denominations - Rs. 500, Rs. 20 and Rs. 10 . If T has total amount of Rs. 3710 in his wallet, then the number of currency notes of each denomination that T has is how much less than the number of currency notes that P has? All the above given conditions apply to T as well.

A. 10
B. 8
C. 6
D. 7
E. 9

71.The amount with S in his wallet is less than Rs. 1000 and the number of notes of each denomination with S lies between 20 and 30 and is a prime number. Find the total number of currency notes with S.

A. 66
B. 72
C. 69
D. 75
E. 87

72.What is the difference between the number of currency notes of each denomination of P and Q?

A. 12
B. 15

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C. 8
D. 10
E. None of these

73.Another person A has Rs. 25 more in his wallet than the average of the amount with Q and R together. A has minimum two notes of Rs. 2000 and notes of denomination of Rs. 200 and Rs. 50 . What is the possible number of notes of Rs. 50 denomination that A could have? All the above given conditions apply to A as well.
A. 5
B. 3
C. 4
D. 2
E. 6

Direction: Study the following information carefully and answer the questions that follow.
Car A: Car travels a certain distance in 6 hours and distance travelled by car A is 16.66% less than that travelled by car B .
Car B: Car travels a certain distance in 7 hour and 12 minutes with the speed of 50 km/h.
Car C: Car travels 400 km distance with twice the speed of car B .

74. If the speed of car A is decreased by 2 km/h and speed of car B is increased by 10%, find the difference between the distances travelled by both the cars in 4 hours.
A. 32 km
B. 40 km
C. 28 km
D. 35 km
E. None of these

75.Car D travelled 40% more distance than that by car A in 10 hours, find the speed of car D.
A. 50 km/h
B. 42 km/h
C. 48 km/h
D. 54 km/h
E. None of these

76.Train A whose length is 345 m can cross a pole in 23 seconds. If the speed of train A is increased by 50% the time taken by train A to cross the platform is 24 seconds. What is the ratio of the length of train A to the length of the platform?
A. 10 : 7
B. 23 : 13
C. 15 : 9
D. 24 : 17
E. None of these

77.The ratio of the speed of boat to speed of the stream is 7 : 2. The taken by boat to cover 450 km distance upstream is 20 hours more than that to cover the same distance downstream. What is the difference between the upstream and downstream speed of the boat?
A. 15 km/h
B. 12 km/h
C. 6 km/h
D. 8 km/h
E. None of these

78.Sanjana and Ritika has equal amount. Sanjana invested $\frac{1}{3}rd$ of her amount at the rate of 12% p.a. on simple interest and the remaining amount at the rate of R% p.a. on simple interest while Ritika invested the amount at the rate of 10% p.a. on compound interest. If the interest received by both of them at the end of two years is equal, Find the value of R.
A. 11.25
B. 10 .25
C. 9 .75
D. 8.5
E. None of these

79. Manan can complete a piece of work in 24 days while Komal can complete it in 40 days. They work together for 8 days and the rest work is completed by Akshay in 7 days. If they get Rs. 2400 for the

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whole work, find the share of Manan, Komal and Akshay respectively.
A. Rs. 600, Rs. 700, Rs. 1100
B. Rs. 800, Rs. 600, Rs. 1000
C. Rs. 600, Rs. 540, Rs. 1260
D. Rs. 750, Rs. 450, Rs. 1200
E. None of these

Direction: Study the following information carefully and answer the questions that follow.
There are three different Guns A, B and C. Different numbers of bullets are fired from each Gun. A few of them hit the target while others missed.
Gun A: 70% of the total number of fired bullets missed the target.
Gun B: Total 900 bullets were fired and 33.33% hit the target.
Gun C: 450 bullets hit the target.
The number of bullets that hit the target by Gun A is 20% less than that by Gun B . The number of bullets that missed the target by Gun C is 6.25% less than the number of bullets fired by Gun A. Time gap between the firing of two bullets is 5 seconds, 3 seconds and 7 seconds for Gun A, Gun B and Gun C respectively.

80. If Gun C fired continuously from 12:30 pm to 12:34 pm and not any time before that, then how many bullets were left to be fired by Gun C after this period of shooting?
A. 1165
B. 1164
C. 1156
D. 1157
E. 1158

81. Find the average of the number of bullets that hit the target by all three Guns together.
A. 290
B. 360
C. 250
D. 330
E. None of these

82. If all the Guns started firing at12.00 pm, how many total bullets would be left to be fired by the 3 guns after 30 minutes? (It is known that none of the guns fired any time before 12:00 pm).
A. 1683
B. 1720
C. 1672
D. 1540
E. None of these

83.Number of bullets fired by Gun A in 10 minutes is approximately how much percentage more than the number of bullets fired by Gun B in 4 minutes?
A. 30%
B. 45%
C. 49%
D. 64%
E. 60%

84.The number of bullets that hit the target by Gun D is equal to the number of bullets that hit the target by Gun B and the total number of bullets fired by Gun D is equal to the average of the number of total bullets fired by Gun A and C . What is the number of bullets that missed the target by Gun D?
A. 800
B. 500
C. 600
D. 700
E. None of these

85.What is the ratio of the number of bullets fired by gun C that missed the target to the number of bullets fired by Gun A?
A. 8 : 5
B. 14 : 9
C. 12 : 7
D. 14 : 11
E. 15 : 16

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86.A certain sum is invested on simple interest at the rate of R% and becomes Rs. 8120 in three years and Rs. 9800 in 5 years. If the same sum is invested at the rate of (R + 5)% on compound interest, find the interest received after 2 years.
A. Rs. 2550
B. Rs. 2644
C. Rs. 2655
D. Rs. 2464
E. None of these

87.Ashok and Dharma started a business with the capital of Rs. (X + 600) and Rs. (X – 400) respectively. After 6 months they made additional investment of Rs. 1200 and Rs. 3000 respectively. At the end of the year, profit share of Ashok out of total profit of Rs. 10480 is Rs. 5280. Find the value of X.
A. 4800
B. 5400
C. 5200
D. 6400
E. 6000

88.A bag contains total 20 balls in which x are yellow balls, (x + 4) are green balls and y are red balls. If the probability of picking 1 red ball is , $\frac{1}{5}$ find the number of green balls in the bag.
A. 8
B. 12
C. 10
D. 6
E. 15

89.The ratio of the volume of two cylinder C1 and C2 is 5 : 16 respectively and the height of the two cylinders C1 and C2 is 5 : 4 respectively. If the radius of cylinder C1 is 7 cm and the total surface area of cylinder C1 is 748 cm2 , find the total surface area of cylinder C2.
A. 1936 ccm^2
B. 1744 cm^2
C. 1824 cm^2
D. 2024 cm^2
E. None of these

90.The ratio of the two numbers P and Q is 5 : 7, when 22 is added in the P and 35 is added in Q, the ratio becomes 7 : 10. 48% of Q is what percentage of 60% of P?
A. 108%
B. 80%
C. 112%
D. 120%
E. 90%

Direction: Study the following information carefully and answer the question based on it.
Nine people A, B, C, D, E, F, G, H, and I have meetings on different dates viz. 5th, 11th, and 14th of different months viz. September, November, and December. They own different number of shops viz. 1, 2, 3, 4, 5 and 6 and different number of apartments which is double the number of shops. Not more than two people own the same number of apartments.
Two persons have meetings between A and B, A being first to attend the meeting among themselves. B owns 4 apartments. D and F both joined the meeting in the same month having 30 days, D's meeting is scheduled before F. E, who owns the least number of shops, attends meeting immediately before G, who attends the meeting in a month having more than 30 days. A and E owns the same number of apartments. More than two persons have meeting between B and E . Number of shops I owns is 4 less than H, who own an odd number of shops. H does not attend the meeting immediately after or before B or E . C has not attended the meeting before H. C's meeting is not scheduled adjacent to E or H's. D owns an odd prime number of shops but not more than 4. Number of apartments F owns is double of the same that D owns. Difference between the numbers of C and G is 1, C owns smaller number of shops owned

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than G. G owns an even number of shops but not prime.

91. The sum of apartments owned by C, H, and I is ----------.
A. 16
B. 22
C. 18
D. 20
E. 12

92.How many people have meetings between B and G?
A. 3
B. 4
C. 1
D. 0
E. 2

93.The difference between the number of apartments owned by F and H?
A. 1
B. 0
C. 3
D. 2
E. 4

94.Who among them have meeting on 11th November?
A. F
B. D
C. B
D. I
E. E

95. If A is related to D, B is related to I, then C is related to ----------
A. G
B. H
C. E
D. F
E. None of the above

Direction: Study the following information and answer the given questions.

96. If a meaningful word can be formed using 3rd letter of SECURITY, 2nd and 5th letter of PURITY, 6th letter of ENSURE and 1st letter of AMPULE, what is the second letter of the newly formed word? If more than one word can be formed, mark your answer as X. If no such word can be formed, mark your answer as Z.
A. C
B. A
C. E
D. X
E. Z

Direction: Study the following information and answer the given question.
A @ B means A is the daughter of B
A & B means A is the father of B
A $ B means A is the brother of B
A # B means A is the husband of B

97. P #Q@KLMQO
How is P related to K?
A. Son-in-law
B. Son
C. Daughter
D. Brother
E. None of the above

98. L#K, L$B, K&P
How many people are female in the family?
A. 3
B. 2
C. 1
D. 0
E. Cannot be determined

Direction: Study the following information and answer the given questions.

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Certain number of people sit around a circular table and face outside the center of the table. Two people sit between I and T. Two people sit between H and X. One people sits between O and A . I sits second to the left of Y. The number of people sit between T and A is same as the number of people sit between T and N. A sits second to the left of I. N sits third to the left of H. U sits second to the right of X and sits to the immediate left of O.

99. How many people are seated around the table?
A. 20
B. 22
C. 26
D. 21
E. 27

100. In which position is I with respect to O?
A. 4th to the left
B. 3rd to the right
C. 6th to the left
D. 7th to the right
E. None of the above

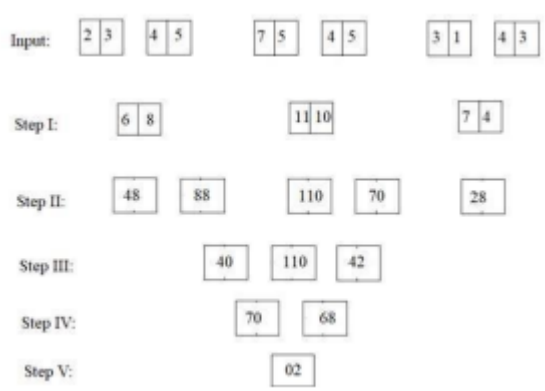
101. How many people are seated between X and T when counted clockwise from T?
A. 9
B. 11
C. 8
D. 10
E. 7

102.N is seated-------- to the---------- of U?
A. 11th , right
B. 3rd , right
C. 5th , left
D. 8th , right
E. 7th , left

103. If A and T interchange their positions, then A is to the left of O?
A. 7th
B. 5th
C. 2nd
D. 8th
E. 9th

104. How many people are seated between Y and H, when counted anticlockwise from H?
A. 9
B. 7
C. 8
D. 11
E. None of the above

Direction: Study the following information and answer the given questions.
A number arrangement machine when given an input line of numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.



Step IV is the last step of the rearrangement.
As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

105. Which of the following is in the final step?
A. 31
B. 13
C. 07
D. 22

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E. 35

106. What is the sum of the numbers in step IV?
A. 189
B. 209
C. 312
D. 267
E. None of the above

107. What is the 3rd number from the left of step II?
A. 35
B. 48
C. 112
D. 48
E. 70

108. What is the difference between the largest and the smallest numbers in step I?
A. 5
B. 6
C. 7
D. 2
E. 3

109. Which of the following is the factors of the smallest number in step IV?
A. 3
B. 4
C. 5
D. 7
E. 9

Direction: Below in each question are given two statements I and II.
These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.

110.
Statement I: The state is facing huge water crisis along with air pollution.
Statement II: Natural sources of water and use of private vehicles are increased.
A. I is the cause and II is the effect.
B. I is the effect and II is the cause.
C. Both I and II are effect of independent causes.
D. Both I and II are effect of common causes.
E. None of the above

Direction: A statement is given followed by three courses of action numbered I, II, and III. The candidate is required to grasp the statement, analyze the problem or policy it mentions and then decide which of the courses of action logically follow(s).

111.
Statement:
An accountant of a company has found that a huge amount of money is missing from the shelf.
Courses of action:
I. He should inform the police about the same and ask them to strictly enquire about the suspects.
II. He should inform his manager and other authorities as soon as possible.
III. He should not inform anyone and keep silence about the incident as he might get dragged in this case.
A. Only I follows.
B. Only II follows.
C. Both I and II follow
D. Both II and III follow
E. Only III follows

Direction: A statement is given followed by three courses of action numbered I, II, and III. The candidate is required to grasp the statement, analyze the problem or policy it
mentions and then decide which of the courses of action logically follow(s).

112.
Statement:

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Priya has broken his brother's laptop by mistake and scared of getting scolded.

Courses of action:

I. She should throw the broken laptop out of the window silently so that no one gets to know who has broken it.

II. She should leave the house and run away as her brother will scold her bad.

A. Only I follows.
B. Only II follows.
C. Both I and II follow
D. Neither I and II follow
E. None of the above

113. How many such pairs of letters are there in the word CROCODILE each of which has as many letters between them as in the English alphabet in both forward and backward directions?
A. 3
B. 5
C. 7
D. 2
E. 0

Direction: Study the following information and answer the given questions.

Six people A, B, C, D, E, and F have joined the company XYZ in the years 2001 to 2006 but not necessarily in the same order. They have laptops of different companies, viz. Acer, HP, Lenovo of different colours, viz. Black, Silver and Blue. Not more than two people have laptop of the same brands. Not more than three people have laptops of the same colour.

Note: One person may be senior or junior to another person in terms of their joining date to the company.

B is the only person to use a Blue laptop but the brand he use is also used by D . C is the first person to join the company. Only one person has joined after B . A has joined the company in a year which is not divisible by 2. Only one person has joined the company between E and F, who has Acer laptop. E is senior to F. People who use Acer laptops use Black coloured laptops. Only two people joined the company between the ones who use Acer and Lenovo laptops, the one having Acer laptop is senior to the other person. D is not the juniormost person. People having Lenovo laptops use Silver coloured laptops.

114. Who among the following uses Lenovo laptop?
A. C
B. D
C. A
D. B
E. None of the above

115. The Blue laptop is of which brand?
A. Lenovo
B. HP
C. Acer
D. Either Lenovo or HP
E. Either HP or Acer

116. Who joined the company in the year 2004?
A. C
B. D
C. E
D. B
E. None of the above

117. How many people uses Black laptop?
A. 2
B. 1
C. 3
D. Either 1 or 2
E. None of the above

118. How many people join the company between A and F?
A. 2
B. 1
C. 3

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D. 4
E. 5

119. **Statement:** A seventeen-yearold girl has registered in a social media platform where only people above eighteen years old are allowed. She has put wrong information while filling the form and system of verification is not available in that platform yet.
Assumptions:
I. Anybody can register themselves in the platform with wrong information as no system is available to verify.
II. Opening an account with fake identity proof is not a criminal offense.
A. Only I follows
B. Only II follows
C. Either I or II follows
D. Both I and II follow
E. None of the above

120. **Statement:** Taxation on private vehicles will increase the price of them and make people more reluctant to buy their own vehicles which will in turn reduce air pollution in the country as more people will start using public transports that are limited in number.
Assumptions:
I. Taxation can solve any problems in the country by putting restrictions on people's choices.
II. This was the only way to reduce air pollution in the nation.
A. Only I follows
B. Only II follows
C. Either I or II follows
D. Both I and II follow
E. None of the above

121. Which of the following is false according to the given statement?
S@I, R&Q, P$Q, Q#L, R#S
A. P is brother of Q.
B. L is the daughter-in-law of R.
C. I is the mother of S.
D. R is son-in-law of I.
E. L is the sister-in-law of P.

Direction: Study the following information carefully and answer the given questions.
Twelve people i.e., A, B, C, D, E, F, G, H, I, J, K, and L sitting in three rows i.e. Row 1, Row 2 and Row 3 and all are facing to the north. Row 1 is to north of Row 2 and Row 2 is to the north of Row 3. They are sitting in the manner that three people sit in Row 1, six people sit in Row 2 and three people sit in Row 3. People of Row 1 sit opposite to the people of Row 2 who are sitting on the left most side and the other three people of Row 2 sit opposite to people of Row 3. They
are sitting with equidistance to each other. A sits second from one of the extreme ends of the row 2. I sits to the south of J. Two people sit between D and G who sits opposite to F. K sits to the immediate right of the one who sits opposite to A . D sits to the immediate left of A . One person sits between C and the one who sits opposite to F. E sits either to the south east or to the south west of C . L sits opposite to the one who sits adjacent to E . B sits to the north west of L but not adjacent to F. E doesn't sit at the end of any row.

122. Who sits opposite to H?
A. D
B. A
C. L
D. C
E. None of these

123. How many people sit between A and the one who sits opposite to F?
A. Two
B. One
C. Three
D. More than three
E. None

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124. How many people sit to the left of the one who sits opposite to E?
A. One
B. Five
C. Three
D. Four
E. Two

125. What is the direction of A with respect to the one who sits opposite to C?
A. South
B. North east
C. North
D. South east
E. None of these

126. If in the middle row all the people arranged from left to right in the English alphabetical order then the position of which amongst the following remains unchanged?
A. Two
B. Three
C. None
D. One
E. None of these

Direction: Each of the questions below consists of a question and three statements numbered I, II and III. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the three statements and give answer accordingly.

127. Six friends P, Q, R, S, T and U are standing in a row. All of them are facing towards North. Who is standing between R and T?
Statement I: P is standing second from the left end. R is standing third to the left of Q who is near to T.
Statement II: Q isn't the immediate neighbor of U who doesn't sit any extreme ends of the row.
Statement III: T isn't the immediate neighbor of P.
A. If the data in statement I and statement II is sufficient to answer the question.
B. If the data in statement I and statement III is sufficient to answer the question.
C. If the data in statement II and statement III is sufficient to answer the question.
D. If the data in all the statements I, II and III together is sufficient to answer the question.
E. If the data in all the statements I, II and III together isn't sufficient to answer the question.

128. Six professionals Doctor, Artist, Dancer, Painter, Singer and Teacher are travelling to Hyderabad in a week starting from Monday to Sunday, only one person travels on one day. On one day of the week no person is travelled. On which day of the week no one is travelled?
Statement I: Dancer travelled on one of the days after Wednesday but not on Sunday. Only one person has travelled between Dancer and Doctor but Doctor doesn't travel on last day of the week. Two persons travelled between Doctor and Teacher.
Statement II: Sunday is not the day when no one is travelled and painter is not travelled on Sunday. Doctor travelled before Teacher. Two persons travelled between Painter and Holiday.
Statement III: Artist travelled before holiday. There is three-day gap between holiday and the day on which Singer travelled.
A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone or in statement III alone is not sufficient to answer the question.
B. If the data in Statement II alone is sufficient to answer the question, while the data in statement I alone or in statement III is not sufficient to answer the question.
C. If the data in Statement III alone is sufficient to answer the question, while the data in statement I alone or in statement II is not sufficient to answer the question.
D. If the data in all the statements I, II and III together isn't sufficient to answer the question.
E. If the data in all the statements I, II and III together is sufficient to answer the question.

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129. There are five pens Q, R, S, T and U are placed on the table according to their height with five being the tallest and 1 being the smallest position. All the pens are placed in a vertical line from smallest to tallest pen. What is the position of pen S?

Statement I: T is the tallest among the all. R is just placed behind Q but not on even numbered position.

Statement II: T doesn't place at even numbered position.

Statement III: U doesn't place at even numbered position and T is placed after U.

A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone or in statement III alone is not sufficient to answer the question.

B. If the data in Statement II alone is sufficient to answer the question, while the data in statement I alone or in statement III is not sufficient to answer the question.

C. If the data in Statement III alone is sufficient to answer the question, while the data in statement I alone or in statement II is not sufficient to answer the question.

D. If the data in all the statements I, II and III together isn't sufficient to answer the question.

E. If the data in all the statements I, II and III together is sufficient to answer the question.

130. Six persons namely B, N, S, P, O and M who likes different activities – Dancing, Fighting, Singing, Karate, Painting and Mixing but not necessarily in the same order. S likes Dancing and M likes neither Fighting nor Singing. Who among the following likes Karate?

Statement I: B likes Painting and N doesn't like Fighting.

Statement II: O likes Singing and P doesn't like Painting.

Statement III: N likes neither Painting nor Singing.

A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone or in statement III alone is not sufficient to answer the question.

B. If the data in Statement II alone is sufficient to answer the question, while the data in statement I alone or in statement III is not sufficient to answer the question.

C. If the data in Statement III alone is sufficient to answer the question, while the data in statement I alone or in statement II is not sufficient to answer the question.

D. If the data in all the statements I, II and III together isn't sufficient to answer the question.

E. If the data in all the statements I, II and III together is sufficient to answer the question.

131. How many people are there in the row if there are more than five people between B and Z?

Statement I: O is at third from the left end and D is sixteenth from the right end of the row.

Statement II: Z is sitting seventh to the right of B.

Statement III: There is twenty-two people between D and O which includes B and Z.

A. If the data in statement I alone is sufficient to answer the question, while the data in statement II alone or in statement III alone is not sufficient to answer the question.

B. If the data in Statement II alone is sufficient to answer the question, while the data in statement I alone or in statement III is not sufficient to answer the question.

C. If the data in Statement III alone is sufficient to answer the question, while the data in statement I alone or in statement II is not sufficient to answer the question.

D. If the data in all the statements I, II and III together isn't sufficient to answer the question.

E. If the data in all the statements I, II and III together is sufficient to answer the question.

132. Choose the word which is different from the rest.

A. BLUE – EULB

B. RAINBOW – WOBNIAR

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C. PUPIL – LIPUP
D. CLOUD – DUOLC
E. KDAHU – UHADK

133. **Statement:** Should government impose capital punishment in robbery cases?
Arguments:
I. Yes, it will reduce robbery cases in the country.
II. Yes, capital punishment is the only way to stop any kind of crime in the country.
A. Only I is strong
B. Only II is strong
C. Either I or II is strong
D. Both I and II are strong
E. None of the above

134. **Statement:** Should government ban tobacco production in the country?
Arguments:
I. Yes, this will reduce smoking habits of people.
II. No, this will increase unemployment rate in the country.
A. Only II is strong
B. Only I is strong
C. Either I or II is strong
D. Both I and II are strong
E. None of the above

Direction: Study the following information carefully and answer the given questions.
Eight persons A, B, C, D, P, Q, R and S are sitting in straight line and facing north but not necessarily in the same order. They all work in a company and have different designations i.e., CEO, Director, Branch Manager, Senior Manager, Manager, Assistant Manager, Clerk and Attendant but not necessarily in the same order. CEO is the senior-most post and Attendant is the junior-most.
E sits fourth to the right of the one who is Branch Manager. Only two persons sit between the one who is Branch Manager and D . Only two persons sit between the one who is Director and G who is not Clerk. C does not sit at the extreme ends of the row. The one who is junior-most does not sit at the extreme end of the row. A is not Manager. The one who is just senior than C is an immediate neighbor of D . Only one person sits between H and the one who is Manager. Number of persons sit to the right of the one who is CEO is same as the number of persons sit between A and D . The one who is Director does not sit at extreme end of the row. The one who is Clerk does not sit to the left of the one who is Manager. C who is an immediate neighbor of the one who is Branch
Manager sits third to the left of A . The one who is senior Manager is not an immediate neighbor of the one who is Director. F sits third to the left of the one who is Clerk. E is not senior Manager.

135. Who amongst the following is the Senior Manager?
A. H
B. A
C. G
D. F
E. C

136. How many people sit between F and the one who is CEO?
A. Two
B. One
C. Three
D. None
E. Four

137. What is the designation of D?
A. Senior Manager
B. Manager
C. Director
D. Clerk
E. None of these

138. How many people sit to the left of the one who is Manager?

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A. Three
B. Two
C. One
D. None
E. Four

139. What is the position of the one who is Attendant with respect to the one who is Branch Manager?
A. Second to the left
B. Immediate right
C. Third to the right
D. Immediate left
E. None of these

140. SURROUNDINGS is coded as RUSDNUORSGNI, ENVIRONMENT is coded as NEIVNORTNEM, then how is PROTECTION coded as?
A. ORPCERSSNI
B. TNOITRPCED
C. ORPCETNOIT
D. ORPCETSBHI
E. None of the above

141. What amount has been proposed for further recapitalization of public sector banks?
A. Rs. 20,000 crores
B. Rs. 30,000 crores
C. Rs. 40,000 crores
D. Rs. 50,000 crores
E. Rs. 80,000 crores

142. Who monitors the Priority Sector Lending (PSL) in commercial banks?
A. Reserve Bank of India (RBI)
B. Small Industries Development Bank of India (SIDBI)
C. National Bank for Agriculture and Rural Development (NABARD)
D. Government of India (GOI)
E. Securities and Exchange Board of India (SEBI)

143. The world's longest sandstone cave "Krem Puri" has been discovered in which state of India?
A. Andhra Pradesh
B. Meghalaya
C. Tripura
D. Maharashtra
E. Odisha

144. How many Ombudsman office are there in India?
A. 21
B. 22
C. 23
D. 24
E. 25

145. Who among the following is the co-founder and CEO of Twitter?
A. Bill Gates
B. Narayan Murthy
C. Jack Dorsey
D. Tim Berners-Lee
E. None of the above

146. RBI was nationalised in the year.
A. 1934
B. 1935
C. 1949
D. 1950
E. 1951

147. India's first wetland conservation center 'Centre for Wetland Conservation and Management (CWCM)' has been be set up in which city of India?
A. Kolkata
B. Kochi
C. Chennai
D. Mumbai
E. Bhubaneswar

148. What is the validity period of 'Electoral bonds'?
A. 10 days
B. 30 days

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C. 20 days
D. 12 days
E. 15 days

149. Mutual Funds are regulated in the country by
A. IRDAI
B. Association of Mutual Funds of India (AMFI)
C. NABARD
D. Securities and Exchange Board of India
E. Reserve Bank of India

150. Renowned personality Ustad Ghulam Mustafa Khan passed away recently, he was a veteran .
A. Flute Maestro
B. Tabla Maestro
C. Sitar Maestro
D. Classical Musician
E. Piano Maestro

151. Which company has ranked first most-valued IT services brand globally, according to a report by Brand Finance?
A. Accenture
B. IBM
C. Tata Consultancy Services (TCS)
D. Infosys
E. Wipro

152. Which of the following Asian countries has Nikkei as its stock market index?
A. China
B. Singapore
C. Japan
D. South Korea
E. Hong Kong

153. The 'ICC Men's T20I Cricketer of the Decade' has been awarded to?
A. Virat Kohli
B. Kane Williamson
C. Steve Smith
D. Rashid Khan

154. What is percentage of government holding in NABARD?
A. 99.6%
B. 0.4%
C. 100%
D. 75%
E. 56%

155. The headquarters of the 'United Nations World Tourism Organization is situated in:
A. Madrid, Spain
B. Gland, Switzerland
C. Washington DC, USA
D. Paris, France
E. Frankfurt, Germany

156. West Bengal legislative assembly consists of how many seats?
A. 292
B. 294
C. 296
D. 298
E. 299

157. Which of the following country has been elected as President of the International Solar Alliance?
A. USA
B. Russia
C. India
D. Japan

158. Recently, Hawker Culture of which country has been inscribed on the UNESCO's Representative List of the Intangible Cultural Heritage of Humanity?
A. Indonesia
B. China
C. Vietnam
D. Singapore

159. The Chairman of the National Disaster Management Authority (NDMA) is .
A. National Security Advisor
B. Prime Minister of India

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C. Chief of DRDO
D. Home Minister of India

160. Which payment gateway company has decided to close its operation in India?
A. MobiKwik
B. Razor pay
C. PayPal
D. Lazypay
E. None of the above

161. The Foxconn of toy world to set up India's first toy cluster in
A. Madhya Pradesh
B. Karnataka
C. Kerala
D. Rajasthan
E. Haryana

162. Maradona scored 'hand of god' goal against which country?
A. Germany
B. France
C. Portugal
D. Spain
E. England

163. Which of the following became the first company to launch an Electric tractor in India?
A. Sonalika Group
B. Tractor and Farm Equipment (TAFE) Ltd.
C. Mahindra and Mahindra
D. Swaraj Tractors
E. Escorts Agri Machinery

164. FASTag works on which of the following technologies?
A. Phone Early Warning System (PEWS)
B. Radio Frequency Identification (RFID) technology
C. Accelerometer
D. Near Field Technology
E. GPS Technology

165. What is the name given to India's first indigenous 9 mm machine pistol jointly developed by the Defence Research and Development Organisation (DRDO) and the Indian Army?
A. Glock 17
B. SIG Sauer P226
C. ASMI
D. Beretta 92FS
E. Agram 2000

166. Which of the following is not related to 'bank to bank' transfer mechanism?
A. NEFT
B. RTGS
C. Cheque
D. Depository Receipt
E. IMPS

167. Which of the following Musical Instruments is played by Ustad Shahid Parvez Khan?
A. Santoor
B. Sitar
C. Veena
D. Flute
E. Tabla

168. The Light House Projects inaugurated by the prime minister will be undertaken in six cities. Which of the following is not one among them?
A. Dhanbad in Jharkhand
B. Rajkot in Gujarat
C. Agartala in Tripura
D. Indore in Madhya Pradesh
E. Lucknow in Uttar Pradesh

169. ICICI Bank has launched its Representative office in which nation?
A. France
B. USA
C. Nepal
D. Indonesia
E. Myanmar

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170. Which Indian women wrestler has won silver medal at the individual Wrestling World Cup in the women's 57kg category which took place in Belgrade, Serbia?
A. Sakshi Malik
B. Vinesh Phogat
C. Alka Tomar
D. Kavita Devi
E. Anshu Malik

171. Adivasi Mela 2021 was organized in-------
A. Bhubaneswar
B. Cuttack
C. Balasore
D. Sambalpur
E. Rourkela

172. The Tapovan Vishnugad power plant is owned by which corporation?
A. ONGC
B. BPCL
C. NTPC
D. GAIL
E. CIL

173. According to the 'India Energy Outlook 2021', India will become largest energy consumer by 2030, surpassing European Union?
A. 1st
B. 2nd
C. 3rd
D. 4th
E. 5th

174. What is the name of the umbrella program for the Roads and Highways sector in India?
A. Setu Bharatam
B. Bharatmala Pariyojana
C. Smart City Mission
D. Accessible India Project
E. Digital India Mission

175. Which organization is responsible for setting up the world's largest zoo in Gujarat's Jamnagar district?
A. NTPC
B. Reliance Industries Limited (RIL)
C. Adani Groups
D. Larsen & Toubro
E. Tata Motors

176. What is the maturity period of the Senior Citizen Saving Scheme?
A. 4 years
B. 5 years
C. 6 years
D. 7 years
E. 8 years

177. Kishor Biyani is the CEO of which company on which SEBI has imposed a penalty?
A. Hindalco Industries
B. Reliance Pvt Ltd
C. Adani Groups
D. Future Retail Ltd
E. None of the above

178. Which company is known for cleaning up of Non-performing Asset (NPA)?
A. Negotiable Instrument Company
B. Asset Reconstruction Company
C. Department of Economic and Policy Research
D. Asset Arrangement Company
E. None of the above

179. World's largest renewable energy parkhas been inaugurated in
A. Madhya Pradesh
B. Gujarat
C. Rajasthan
D. Maharashtra
E. Punjab

180. Who is the author of the book titled as "Struggle is my life"?

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A. Nelson Mandela
B. Jawaharlal Nehru
C. Mahatma Gandhi
D. Barack Obama
E. Morissana Kouyate

181. Finance Minister of India has announced reduction in residency limit for Indian citizens to set up oneperson companies (OPC) from 182 days to--------
A. 110 days
B. 120 days
C. 130 days
D. 140 days
E. 150 days

182. India has recently released a commemorative postage stamp to mark the anniversary of the United Nations Organisations.
A. 73rd
B. 74th
C. 75th
D. 76th
E. 77th

183. Flight Lieutenant Bhawna Kant is the first female fighter pilot to participate in the Republic Day Parade 2021. She hails from which State?
A. Uttar Pradesh
B. Madhya Pradesh
C. Jharkhand
D. Bihar
E. Odisha

184. Which nation is planning to setn up the first nuclear reactor on the moon by the end of 2026?
A. Russia
B. USA
C. UK
D. China
E. France

185. Rajesh Sharma has replaced which of the following person as the CEO of Ayushman Bharat scheme?
A. Amitabh Kant
B. Indu Bhushan
C. Randeep Guleria
D. Rajeev Khosla
E. Harsh Vardhan

186. Which of the following is the 1st international movie of Irfan Khan's?
A. The Namesake
B. New York
C. The Amazing Spider-Man
D. Jurassic World
E. The Warrior

187. The minimum loan size eligible for debt recovery under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest (SARFAESI) Act, 2002 is proposed to be reduced from the existing level of Rs 50 lakhs to
A. Rs 5 lakhs
B. Rs 10 lakhs
C. Rs 15 lakhs
D. Rs 20 lakhs
E. Rs 25 lakhs

188. According to India Energy Outlook 2021, published by the International Energy Agency (IEA) by which year India will overtake the European Union as the world's thirdlargest energy consumer?
A. 2025
B. 2027
C. 2028
D. 2030
E. 2032

189. Which of the following national park is not located in Madhya Pradesh?
A. Van Vihar National Park
B. Kanha National Park

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C. Ranthambore National Park
D. Bhandavgarh National Park
E. None of the above

190. The National Pollution Control Day is observed every year on which date?
A. 1st December
B. 2nd December
C. 3rd December
D. 4th December
E. 5th December

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