

AILET PREVIOUS YEAR EXAM 2023

I. Read the excerpt from a ruling of the Court (Civil Action: American Library Association v. U.S.A.) and answer the following questions by choosing the most appropriate answer.

Under strict scrutiny, a public library's use of filtering software is permissible only if it is narrowly tailored to further a compelling government interest and no less restrictive alternative would serve that interest. We acknowledge that use of filtering software furthers public libraries' legitimate interests in preventing patrons from accessing visual depictions of obscenity, or in the case of minors, material harmful to minors. Moreover, use of filters also helps to prevent patrons from being unwillingly exposed to patently offensive, content on the Internet.

1. Select which of the following assumptions is the ruling of the Court is based on.

- a) Filtering software is the preferred alternative by the patrons of public libraries.
- b) Filtering software is the most restrictive of all the alternatives used in public libraries.
- c) Filtering software is the only tool that can be scrutinised by the public libraries.
- d) Filtering software safeguards the interests of the patrons of public libraries.

2. What, according to the passage, is the primary purpose of filtering software within a public library ?

- a) Permit the use of classified materials.
- b) Check the use of all visual content of a library.
- c) Record the number of searches made by patrons.
- d) Prevent the access to inappropriate content.

3. Which of the following words is an antonym to the word "compelling" used in the text?

- a) singular b) strange c) weak d) popular

II. Read the following news post and answer the questions by choosing the most appropriate answer.

INDIA'S MARINE EXPORTS REACH ALL TIME HIGH OF \$ 7,740 MILLION

Vijayawada: Exports of marine products from India have reached an all-time high of US \$ 7,740 million in 2021-22 against the targeted US \$ 7,809 million fixed by the centre.

Marine Products Exports Development Authority joint director A. Jeyabal in a statement here on Friday said India's exports of marine products grew 30 percent compared to 2020-21 in value terms. The compound annual growth rate of seafood exports during the past decade has been 8.23 percent, he pointed out.

Jeyabal explained that India exported marine products to 121 countries during 2021-22, the US being the top destination with exports worth US \$ 3,315 million in 2021-22 against the target of \$ 3,021 million.

China and Japan stood at number two and three positions respectively. All three top destinations of Indian marine exports constitute 63 percent of India's exports in value terms.

4. The phrase "an all-time high" indicates that India's marine

- a) export rate has never been so high.
- b) exports have grown less expensive.
- c) export rate increases with each month.
- d) exports have reached their highest limit.

5. Substitute the underlined phrase with the option closest in meaning.

“The compound annual growth rate of seafood exports during the past decade has been 8.23 percent, he pointed out.”

- a) calculated
- b) announced
- c) specified
- d) shared

6. Which of the following statements are true for the given text ?

(i) 2022 is fast becoming the most successful year for Indian exports, in terms of marine products.

(ii) The director of “Marine Products Exports Development Authority” is Mr. A. Jeyabal.

(iii) Mr. A. Jeyabal is sure that India will grow as an exporter of marine products.

(iv) There is most demand for India’s marine products in the US.

- a) (i), (ii) and (iii)
- b) (i) and (iv)
- c) (ii), (iii) and (iv)
- d) (i) and (ii)

7. The most appropriate by-line for the article would be

- a) Glowing Prospects
- b) A Legacy
- c) A Befitting Tribute
- d) Profiting from Sustainability

8. It can be inferred from the text that

- a) All of India’s marine exports to Japan and China are done from Vijayawada.
- b) More than half of India’s marine exports go to the US, China and Japan, in value terms.
- c) India is the leading exporter of marine goods to 121 countries.
- d) India reached the proposed sales target determined by the centre in the year 2021-22.

9. Select the sentence that is the most appropriate conclusion for the given text.

- a) Several exports promotion schemes for Fisheries have been implemented by the Marine Products Export Development Authority (MPEDA), a statutory body set up in 1972.
- b) The twin Godavari districts contributed to 50 per cent exports of the Vannamei shrimp.
- c) Despite the heavy odds faced by the sector, India’s marine products exports reached a record high.
- d) With a budget of Rs. 20,050 crores, this is the biggest ever investment to bring about a Blue Revolution through sustainable and responsible development of the fisheries sector in India.

III. Read the book descriptions for three different books up for sale online and answer the questions by choosing the correct options.

The On Being a Veterinarian Series gives pre-vet and veterinary students a glimpse into what it’s really like to be a small animal veterinarian. Each book in the series	So, You Want to be a Veterinarian is suggested reading for aspiring veterinarians, their parents, and their mentors. It	I Want to be a Veterinarian is part of a new I Can Read series that introduces young readers to important community helpers. This Level One
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provides insight on a different aspect of small animal veterinary medicine to help future veterinary doctors better prepare for the challenges of this career. Book puts the reader in the doctor's shoes for a day to illustrate the importance of emotional resilience. Tools for building resilience are provided, as are scientific explanations for how and why they work.	succinctly describes colleges of veterinary medicine and their admission requirements, application procedures, curriculums, faculties, and facilities, and provides information that increases the odds of success in the admission process. It goes on to describe the veterinary profession and its multiple practice types, species and disciplinary specialties, and employment opportunities in industry, government, academy, and the military.	I Can Read is perfect for children learning to sound out words and sentences. Whether shared at home or in a classroom, the short sentences, familiar words, and simple concepts of Level One books support success for children eager to start reading on their own. For anyone looking for books about community helpers for kids, this book is a great choice as it is bright and upbeat and feature characters who are diverse in terms of gender, race, age, and body type.
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10. By using the phrase “gives a glimpse into”, the text suggests that On Being a Veterinarian Series

- a) imparts extensive knowledge about the personal and professional aspects of a veterinarian's life.
- b) gives detailed descriptions about the veterinary profession and its multiple practice types.
- c) offers comprehensive health advice to small animal veterinary doctors.
- d) provides salient features of small animal veterinary medicine to help prepare future doctors for the difficulties of their profession.

11. A ‘small animal veterinarian’ involves dealing with

- a) farm animals
- b) companion animals
- c) zoo animals
- d) endangered animals

12. Which underlined phrase is similar in meaning to “increases the odds of success”? (So, You Want to be a Veterinarian)

- a) The estimates for chances in achieving the goal are maximum when you plan ahead.
- b) The increases in bets to gain victory, are not just common in academic circles.
- c) When a business studies the competition, it improves its chances of surging ahead.
- d) A lesser-known fact is that focussing on yourself ensures long-term gains.

13. Select the option that correctly displays the meaning of ‘succinctly’ as used in the given line, from the text about So, You Want to be a Veterinarian.

‘It succinctly describes colleges of veterinary medicine...’

- a) polite, short and sweet, brief, relevant
- b) compact, discursive, concise, polite
- c) condensed, compact, brief, to the point
- d) short and sweet, condensed, discursive, systematic

14. Which book/s of the three mentioned in the text is/are like to include the following line?

How long it takes to become a vet can vary, but if you really love animals and think caring for them is up your alley, then becoming a veterinarian may be the right choice for you.

- a) Both, On Being a Veterinarian and So, You Want to be a Veterinarian
- b) Only So, You Want to be a Veterinarian
- c) All three-- I Want to be a Veterinarian, On Being a Veterinarian and So, You Want to be a Veterinarian
- d) Only On Being a Veterinarian

15. Which topic would be a part of 'disciplinary specialities' in So, You Want to be a Veterinarian ?

- a) Remount and Veterinary Corps
- b) Internship allowance
- c) International Institute of Veterinary Education & Research
- d) Sports medicine and rehabilitation

16. Upon reading the passage, which of the following is likely to be inferred about the main aim of I Want to be a Veterinarian ?

- a) Learn about characteristics of veterinarians.
- b) Learn about inclusion and diversity.
- c) Learn about various community helpers.
- d) Learn how to read by oneself.

17. Select the option that matches the books to the most likely readerships, according to the text. Choose three appropriate options from out of four options given.

Name of the book	Type of readers
I Want to be a Veterinarian	i) school students/ graduates
So, You Want to be a Veterinarian	ii) children
On Being a Veterinarian Series	iii) pre-vet and veterinary students

- a) A-(i), B-(ii), C-(iv)
- b) A-(i), B-(iii), C-(ii)
- c) A-(ii), B-(i), C-(iii)
- d) A-(ii), B-(iv), C-(i)

IV. Read the excerpt from a handicrafts' manual titled 'Woodwork Joints' and answer the following questions by choosing the most appropriate answer.

THE SCARF JOINT

The method known as "scarfing" is used for the joining of timber in the direction of its length, enabling the workman to produce a joint with a smooth or flush appearance on all its faces. One of the simplest forms of scarfed joint is known as the half lap, in which a portion is cut out at the end of each beam or joist, equal in depth to half the full depth of the beam, and of equal length to the required scarf. The two pieces, before they are placed together, form a joint with the projecting part

fitting into the recessed portion and the two pieces being secured in their respective positions by screws.

A tabled scarf joint is very easy to make and fit, and is not materially affected by shrinkage. Rectangular wrought iron straps are knocked up over the joint after the two pieces engage. A lapped scarf joint is secured with nuts and bolts and effectively resists compressional stress in vertical posts.

THE PUZZLE JOINTS

These are not only interesting in themselves, but are often excellent studies in craftsmanship. The majority of them, if to be satisfactory as puzzles, call for very careful setting out and cutting, entailing the same degree of skill that is demanded for high-class cabinet work. For this reason, several illustrations of examples may well find a place in a volume dealing with woodwork joints. As a rule, these puzzles should be made in hardwood, such as dark walnut or beech, as in whitewood the joints are soon liable to wear.

18. Ensuring the 'flush appearance on all its faces' refers to the

- a) finishing
- b) strength
- c) stability
- d) variation

19. Which option includes the correct meaning of the underlined phrase in the given sentence?

Rectangular wrought iron straps are knocked up over the joint after the two pieces engage.

- a) carved
- b) assembled
- c) removed
- d) created

20. Select the reason why several illustrations of puzzle joint examples are often showcased in a volume dealing with woodwork joints.

- a) To contrast characteristics of puzzle joints with other types of joints.
- b) To address the growing demand for wooden cabinets.
- c) To cater to the popular and extensive usage among carpenters.
- d) To foster a better understanding of the required precision and skill.

21. Choose the correct order of the following statements in the passage.

(i) The workman cuts out a portion at the end of each beam or joist.

(ii) The two pieces are placed together to form a joint.

(iii) The two pieces are secured in their respective positions by screws.

(iv) The workman measures out a portion in the beam that is equal in depth to half the full depth of the beam, and of equal length to the required scarf.

- a) (i), (iv), (iii), (ii)
- b) (ii), (iv), (i), (iii)
- c) (iv), (i), (ii), (iii)
- d) (iv), (ii), (i), (iii)

22. Which quality makes hardwood the choice for puzzle joints?

- a) high moisture content
- b) colour and shine
- c) sturdiness or density

d) shrinkage and swelling

V. Read the excerpt of a published interview by Lawrence Rubin where he speaks to Jessica Stone on Play Therapy in the Digital Age. Answer the following questions by choosing the most appropriate answer.

LAWRENCE RUBIN: Hi, Jessica. Thanks for joining me today. How did you become interested in digital play therapy, which really is cutting-edge and somewhat controversial with children ?

JESSICA STONE: I am a licensed psychologist with a specialty in play therapy. Within it, digital play therapy has become one of those areas of interest over the last 20 years, stemming from experiences with my own kids, who had this whole portion of their world that I didn't really understand, know about, or enter into. It struck me as a little bit ironic and maybe even hypocritical that here I spend my time at work and my energy in learning and doing play therapy with children and entering their world, while my own kids have this whole portion of theirs that I was putting no effort into understanding. And so, I kind of had to smack myself upside the head and say, all right, I need to learn more about this. Why is this important to them ? Why are they interested in it ?

Long story short, I ended up entering an online game that my oldest two (of four children) were both playing at the time. I am no digital native by any means, and I was not very good at these games, but the point was that I was taking interest. I was listening to them. I was asking them questions. We were having conversations about what happened in the game, what quest they were working on; things that were important to them that prior to my entering their world, I couldn't participate in or even understand. I began to see that because this co-play was so impactful with my own children, I needed to incorporate it into my work, which really opened the door to what I have been doing for all these years.

LAWRENCE RUBIN : So, you recognized that technology was so important and present in your kids' life that you would be almost doing a disservice to your young clients if you didn't cross that bridge into their digital world. Tell me, what exactly is digital play therapy ?

JESSICA STONE: Digital play therapy is a modality that is based in speaking the client's language through what I call the four C's, which are competency, culture, comfort, and capability. These are basic elements of therapy in general, but digital play therapy in particular is couched within the broader context of prescriptive play therapy, which taps into what Charles Schaefer calls the therapeutic powers of play. So, the point is that there is a foundation for it. It's not just, oh, let's just jump on this bandwagon and start throwing these digital things into what we're doing. We as clinicians need to have a very firm and solid foundation in what it is we're doing and why we're doing it regardless of our theoretical foundation, therapeutic modality, and interventions, or whether the platform is virtual or face-to-face. And as in all therapies, we must ground our interventions in solid case conceptualization and treatment planning.

23. What is the primary purpose of this passage ?

- a) To highlight the necessity of "digital play therapy" in terms of its foundational benefits and theoretical advantages.
- b) To showcase the debate regarding the pros and cons of "digital play therapy" with opinions of an expert.
- c) To alert the readers to the inevitability of a shift from conventional therapeutic methods to modern ones like "digital play therapy".

d) To explore the mindset of an expert with regards to the fallibilities of the new “digital play therapy”.

24. What is the tone conveyed by the speaker when she states – “... I kind of had to smack myself upside the head...” ?

- a) reflective
- b) discouraged
- c) confident
- d) hypocritical

25. In the line, “...you would be almost doing a disservice to your young clients...”, the word ‘disservice’ refers to being

- a) prejudiced
- b) unfair and unhelpful
- c) misled
- d) stubborn and inflexible

26. How was Jessica Stone impacted by an online game ?

- a) She could finally understand her children’s behaviour.
- b) She began to productively communicate with her children.
- c) She noticed a degression in her professional life.
- d) She grew to love online games herself.

27. What does the interviewee mean when she says “I am no digital native” ?

- a) She wasn’t born into a family with digital skills.
- b) She was averse to all technology, especially online games.
- c) She was an amateur in using technology or playing digital games.
- d) She lacked the technical training required to operate digital technology.

28. Which skill does the interviewee display with the usage of the phrase, “Long story short”?

- a) rephrasing
- b) circumvention
- c) discussion
- d) brevity

29. Which of these options best describes the expression “jump on this bandwagon”?

- a) To get to the conclusion too hastily
- b) To adopt an opinion because it is fashionable
- c) To re-think previously made decisions
- d) To jump into action before thinking it through

30. Which of the following is the least likely inference to be drawn from the given passage?

- a) “digital play therapy” shares the basic elements with any general type of therapy.
- b) “digital play therapy” became an point of interest for Jessica Stone because of her experiences at home.
- c) “digital play therapy” still lacks a proper foundation to make it worthwhile for use.
- d) “digital play therapy” allowed Jessica Stone to find a new way of conversing with children.

31. What does the phrase ‘speaking the client’s language’ refer to, in the text?

(Digital play therapy is a modality that is based in speaking the client’s language...)

- a) Highlighting the pros
- b) Providing lucrative offers
- c) Making the services popular
- d) Addressing their needs

32. What is Jessica Stone’s opinion on “digital play therapy” as per the text ?

- a) It has to be accepted as the new form of therapy as the world is growing increasingly digitalised.
- b) It has replaced “prescriptive play therapy” because it has more therapeutic powers.
- c) It has to be regarded as an important part of “play therapy” because allows for communication through its mode of co-play.
- d) It can be practiced by everyone who wishes to engage in co-play with their children.

Direction for Questions from VI to IX Passages: Read the given passage and answer the questions by choosing the most appropriate answer.

VI. Down in rain-swept Wiltshire last week, I was able to enjoy a Christmas tree, Christmas crackers, mistletoe, etc. I was able to sing carols and wish everyone I met a happy Christmas. In America, it seems, I’d have been outlawed if I’d attempted any such thing. According to Andrew Stephen in the New Statesman, Americans have become so desperate not to offend religious minorities that Christmas in America is now most definitely not politically correct and, in some cases, literally illegal. In Kentucky, for example, school bus drivers were warned on no account to say “Merry Christmas” to children getting on or off their buses. In Philadelphia, you are breaking the law, says Stephen, “if you have a Christmas tree in your home – you may be subject to a \$300 fine”. A nursery school teacher in Washington, he goes on, has temporarily removed the “t” from the letters of the alphabet that she has strung around the classroom: “It looked a bit too much like a cross for comfort”. Oh, and schools in Scarsdale, New York “have banned the American tradition of “candy canes”, striped mint sweets in the shape of walking sticks; they could be construed as shepherds’ crooks, you see, and we all know what that means at the time of the year”.

My Christmas in Wiltshire may have been wet but at least it felt like a real Christmas and not like this kind of anodyne travesty, disinfected of all reference to what the holiday is about.

33. Which of the statements do you think does not support the author’s idea in the passage?

- a) A nursery school teacher’s extreme attempt not to offend authorities during holiday time.
- b) The visible signs of festivities were not inconspicuous in America.
- c) Prohibition of candy canes since they were obvious holiday shapes.
- d) The conventional etiquette of the season was discouraged in public.

34. The last sentence in the passage conveys that the writer :

- a) tacitly approves of the way Christmas is approached in America.
- b) disagrees with the views and opinions of Andrew Stephen.
- c) is content to have had his share of the season’s revelry in Wiltshire.
- d) sympathizes with the religious minorities.

35. Which of the following words from the passage, most closely resemble the meaning “anodyne” and “construed”?

- a) pernicious, blatant
- b) jilted, misinterpreted
- c) unobjectionable, interpreted
- d) menacing, unequivocal

36. What parts of speech do the words ‘religious’, ‘travesty’ and ‘temporarily’ belong to?

- a) adjective, noun, adverb
- b) noun, adjective, adjective
- c) adverb, verb, adverb
- d) noun, noun, adjective

37. Which of the following is the most appropriate title for the passage?

- a) Abolishing Christmas
- b) Christmas past and present
- c) The everchanging tradition of Christmas
- d) Transcending beliefs

VII. Economic historians have argued that the Industrial Revolution in Britain could not have occurred without the capital that became available from the plunder of India. The sudden acceleration of the revolution in Britain, R. P. Dutt points out, coincides with the establishment of British rule in India. He writes, “In 1757 came the Battle of Plassey and the wealth of India began to flood the country in an ever-growing stream... in 1764 came the spinning jenny of Hargreaves; in 1765 came Watt’s steam engine, patented in 1769; in 1769 came the water frame of Arkwright followed by his patents in 1775 for carding, drawing and spinning machines; in 1779 the mule of Crompton and 1785 the power loom of Cartwright; and in 1788 the steam engine was applied to blast furnaces.” These inventions, Dutt argues, did not result from some “special and unaccountable burst of inventive genius,” but from the accumulation of enough capital to make possible the largescale outlay needed to turn the inventions into functional fortunes.

Contemporary accounts attest to the devastation that followed in India. “This fine country,” one of the East India’s own residents reported, “which flourished under the most despotic and arbitrary government is verging towards ruin.” Francis Buchanan, who surveyed the country in the early 1800s, wrote: “The natives allege that, although they were often squeezed by the Mogul officers, and on all occasions were treated with utmost contempt, they preferred suffering these evils to the mode that has been adopted of selling their lands when they fall in arrears, which is a practice they cannot endure. Besides, bribery went a great way on most occasions, and they allege that, bribes included, they did not actually pay one half of what they do now.”

Both agricultural self-sufficiency and what by many accounts was a growing industrial economy were broken down. For the peasant, insecurity, impoverishment, and indebtedness followed. The shadow of famine stalked the next century. The new system of land taxes introduced with the Permanent Settlement of 1793 turned the zamindars, who were originally tax collectors, into landowners with new rights to evict the peasants who cultivated the lands for not paying the revenues.

38. According to the passage, which of the options accelerated the burst of inventive genius in Britain?

- a) The plethora of inventions in the spinning industry
- b) The prevalent custom of bribery in the bureaucracy
- c) The funds from its colony that fell into the coffers of the British Raj
- d) Inventions that turned the country into functional fortunes.

39. Which could be the prime attributing factor responsible for the disintegration of the Indian economy?

- a) The growing indebtedness among the farmer fraternity
- b) Widespread penury among the masses
- c) The plight of those who were still reeling under the Mogul atrocities
- d) All of the above

40. The first paragraph is a fine example of

- a) oral histories
- b) review writing
- c) chronological data
- d) journal jottings

41. After the Permanent Settlement of 1793, the turn of events led to

- a) Tax collectors monopolising the levy on peasants' lands
- b) Zamindars proclaiming themselves to be legal land owners
- c) Mogul officers donning the garb of tax collectors and harassing farmers
- d) Peasants were forced to become victims of the widespread famine in the country

42. The passage could probably be an excerpt from

- a) an economic report
- b) the national movement
- c) a memoir
- d) a scientific abstract

VIII. The news made me very happy indeed. I would be married. There would be music, I would hear the women ululating. How exciting that would be! Yet I felt scared at the same time. I cannot express the apprehensions that came to my mind. Meanwhile, the various things necessary for the ceremony began to arrive. Relatives and guests began pouring in. I was scared to death by all this. I did not talk to anyone but spent most of the time weeping. Everybody did their best to reassure me. They embraced me, but the unspoken agony in my mind did not lift.

Later on, I was cheered up by the ornaments, the red wedding sari and the wedding music. I forgot my earlier worries and went about laughing and watching the elaborate preparations. My happiness knew no bounds. When everything was over the next day, I heard people asking my mother, "Are they leaving today?" I thought they were referring to the guests. Then the music started. There was an air of festivity. The guests must be leaving now, I thought. It made me happy and I went about following my mother. Presently everybody assembled in the house. Some looked happy, but others were in tears. They made me really frightened. Then my brothers, aunts, uncles, and my mother all took me in their arms by turn as they burst into tears. Their tears made me so sad that I began to cry too. I knew my mother was going to hand me to the other family. I tightened my hold on her and

pleaded, "Don't give me over to them, Mother!" that made everybody present even more upset. They broke down and tried to say nice words to console me. My mother took me in her arms and said, "You are a good girl, you understand everything, don't you?" God is with us; you needn't be afraid. You are going to come back to us in a few days' time. Every girl has to go to her in-laws' house. Nobody else cries like this. There is no reason to be upset. Please calm down and talk to me." But I was trembling with fear. I was quite unable to speak. Somehow, I managed to say through my tears: "are you sure that God will go with me ?" Mother promptly reassured me that he most certainly would. "He will be with you all the time, so stop crying now." But in spite of her soothing words my apprehensions kept growing and I could not check my tears.

43. In the passage, the people ask the narrator's mother, "Are they leaving today?"

Who are 'they' according to the narrator and the passage?

- a) the narrator's relatives ... the groom's people
- b) the groom's party ... the bride, the groom, and his folks
- c) the wedding guests ... the groom's family
- d) the narrator and her people ... wedding guests

44. The women 'ululating' in the passage refers to them

- a) shedding tears of joy
- b) wailing high and low
- c) loud sounds expressing mirth
- d) vocalising blessings for the couple

45. The tone and mood of the passage is

- a) Depressing and emotional
- b) Satirical and depressed
- c) Introspective and empathetic
- d) Vitriolic and reassuring

46. Give the appropriate antonyms for : elaborate, agony and apprehension.

- a) basic, assuagement, solicitude
- b) embellished, anguish, dismay
- c) plain, solace, repose
- d) baroque, distress, inapprehension

47. Identify the type of sentence: "You are a good girl, you understand everything, don't you?"

- a) Tag question
- b) Interrogative statement
- c) Imperative negative statement
- d) Echo question

IX. What colors can animals see? Is the world more brightly colored or duller to animals than it is to us? To find out the answers to these questions scientists have used a method of training the animals to come to different colors, which is similar in principle to the method used in studying the sense of hearing in animals.

Let us take bees first of all, partly because more exact scientific research has been done on the color-sense of bees than of almost any other animal. It is especially interesting to know what colors bees

see because these insects visit flowers to get sweet nectar from them to make honey, and in doing so the bees incidentally carry pollen from flower to flower. On the face of it, it would seem very likely that bees are attracted to flowers by their bright colors. But possibly it is the scents that attract the bees, or perhaps it is both color and scent. So, among other things, we want to know whether bees can really see the colors of flowers, and if so, what colors they can see. Exactly how is this found out ?

A table is put in a garden, and on the table a piece of blue cardboard is placed, on which there is a watch-glass containing a drop of syrup. After a short while bees come to the syrup and suck some of it. The bees then fly to their hive and give the syrup to other bees in the hive to make honey. Then they return to the feeding place which they have discovered. We let the bees go on doing this for a while, after which we take away the blue cardboard with the syrup on it. Instead of this card we now put on the table a blue card on the left side of the first feeding-place, and a red card to the right of the first feeding-place. These new cards have no syrup on them but only an empty watch-glass lying on each. Thus, the blue card is on the left, the red card on the right, and there is nothing where the first blue feeding-card used to be. After we have arranged these new cards, we have not long to wait. Very soon bees arrive again, and it can be seen that they fly straight on to the blue card; none go to the red card.

48. What two things can be indicated from the behaviour of the bees ?

- a) Bees remember that blue means syrup and they fly to the blue.
- b) Bees can distinguish blue from red.
- c) Bees have a keen sense of scent and sight.
- d) Both a) and b)

49. Which of the following statements is valid enough to make this experiment on bees' incomplete?

- a) Perhaps the bees had really been trained to identify colors.
- b) What if the bees, like human beings, suffer from colour-blindness ?
- c) Both a) and b)
- d) None of the above

50. According to the passage, which of the following is not true in the case of the subjects mentioned in the study?

- a) More exact scientific research has been done on the color-sense of bees than of almost any other animal.
- b) Bees are attracted to flowers by their bright colors.
- c) Possibly it may be either color or scent that attract the bees.
- d) None go to the red card.

51. Why did the United States Food and Drug Administration (FDA) restrict Johnson & Johnson's COVID-19 Vaccine?

- a) Due to its inefficacy towards new variants
- b) Due to its extremely high price
- c) Due to a risk of rare but serious blood clots
- d) None of the above

52. The board of the Pulitzer Prizes has recently honored Ukrainian journalists for their “courage, endurance and commitment to truthful reporting” on the war between Russia and Ukraine. Which of the following is not true?

- a) The Pulitzer Prize is awarded in music
- b) The Pulitzer Prize is not awarded in fiction
- c) The Pulitzer will designated Washington as its seat of administration of prizes
- d) All of the above

53. Who was the first woman judge of the Supreme Court of the United States?

- a) Sandra D. Connor
- b) Ketanji Jackson
- c) Ruth Ginsberg
- d) Amy Barrett

54. What is the system of ‘six raised dots’ relevant for ?

- a) Cryptocurrency
- b) Block-chain
- c) Braille
- d) Baking

55. Why was UK-Iranian dual citizen Nazanin Zaghari-Radcliffe detained and jailed in Iran from 2016 to 2022?

- a) On charges of driving in western clothing
- b) On charges of obscenity in public
- c) On charges of inciting Iranian women to violence
- d) On charges of espionage

56. Desmond Tutu is credited with establishing and heading the Truth and Reconciliation processes in South Africa. Which of the following statements about him is not true?

- a) His activism was deeply rooted in Christian ethos of forgiveness.
- b) He advocated for victims to forgive the perpetrators of apartheid.
- c) He saw religious prayer and social action as being intrinsically linked.
- d) He justified discrimination against homosexuals and sought to differentiate that from apartheid.

57. May 10th marks the anniversary of the 1857 revolt against the British. Who among the following did not play a role in the revolt ?

- a) Maulavi Liyaqat Ali
- b) Veer Kunwar Singh
- c) Nana Saheb
- d) Chiranjit Lal

58. The ‘Buddha and His Dhamma’, originally titled ‘Buddha and his Gospel’ is a manuscript written by

- a) M. R. Masani
- b) Daisaku Ikeda
- c) B. R. Ambedkar
- d) Pema Chodron

59. Nicknamed 'Daughter of Palestine', Shireen Abu Alekh was among the Arab world's first female field reporters and was allegedly shot dead by Israeli forces while reporting for Al Jazeera from the occupied West Bank. Which of these countries partly owns Al Jazeera?

- a) Sultanate of Oman
- b) United Arab Emirates
- c) Kingdom of Saudi Arabia
- d) State of Qatar

60. India recently won the Thomas Cup in Badminton for the very first time. Which of these nations have won the Thomas Cup for the maximum number of times?

- a) China
- b) Malaysia
- c) Denmark
- d) Indonesia

61. Dressed in red and blue, 'Spidey' ('Spider-man') is a fixture at protests against the military regime. In which country has 'Spidey' become a popular symbol of resistance?

- a) Bangladesh
- b) Sri Lanka
- c) Sudan
- d) Chile

62. After 396 years, Barbados replaced the Queen of England as head of State. Which of the following is true?

- a) Barbados became a republic but will remain part of the Commonwealth
- b) Barbados became a republic and will no longer be part of the Commonwealth
- c) Barbados became independent in 2021
- d) None of the above

63. Which of the following is not a member of the QUAD that met in the United States in 2021 just after the withdrawal of troops from Afghanistan ?

- a) Japan
- b) Australia
- c) India
- d) Canada

64. What is the name of the world's first cryptocurrency cruise ship ?

- a) Makoshi
- b) Satoshi
- c) Bloomer
- d) Rikishi

65. Why did Canada recently decide to ban Huawei and ZTE from 5G network ?

- a) Pressure from the Five Eyes network
- b) Pressure from the Government of India
- c) Pressure from Canadian University students
- d) Pressure from the Government of the United States

66. Timor-Leste recently celebrated 20 years of independence. On 20 May 2002, the United Nations formally handed power to the new Timorese government. Who did they gain independence from?

- a) Indonesian occupation
- b) British occupation
- c) Portuguese colonisation
- d) Dutch colonisation

67. Savita Halappanavar was a dentist from Karnataka. In 2012, her death in Ireland resulted in a huge furore. What did Amnesty International term her death to be a consequence of?

- a) Stringent immigration detention conditions in Ireland
- b) Stringent anti-abortion laws of Ireland
- c) Prison violence in Ireland
- d) Discriminatory hospital care for foreign nationals in Ireland

68. Nilgiri Biosphere Reserve is found at the intersection of which of the following States/ Union Territories ?

- a) Tamil Nadu, Puducherry, Andhra Pradesh, Telangana
- b) Tamil Nadu, Andhra Pradesh, Karnataka
- c) Kerala, Karnataka, Telangana
- d) Tamil Nadu, Kerala, Karnataka

69. Which of the following is not a Satyajit Ray film ?

- a) Devi
- b) The Music Room
- c) Charulata
- d) Pyasa

70. In 2018, Chintamani Shivdikar wrote “Papletwali” which became viral on YouTube. The song is adopted from a Koli folk tune. Who are the Koli people ?

- a) They are said to be the first inhabitants of Bombay.
- b) They are said to be the upper castes of particular regions of Bombay.
- c) They are said to belong to the fishing communities of Sri Lanka.
- d) They are said to belong to the carpenter community of Dharwad.

71. The Supreme Court of India declared the Act providing 10.5% internal reservations to the Vanniyar community in Tamil Nadu to be ‘unconstitutional’ because

- a) The State Government lacked competence to enact this statute.
- b) Only the President can determine those who are most backward.
- c) Reservations are against the basic structure of the Constitution of India.
- d) The Vanniyars do not constitute a class apart from other OBC categories and hence this goes against Articles 14, 15 and 16 of the Constitution of India.

72. Which country won the Uber Cup Badminton International Championship held in 2022 ?

- a) India
- b) Denmark

- c) Indonesia
- d) South Korea

73. Who was the first Indian to win an Olympic gold in athletics ?

- a) Abhinav Bindra
- b) Neeraj Chopra
- c) Sindhu
- d) P. T. Usha

74. Which country got its name changed in the United Nations in June 2022 ?

- a) Turkey
- b) Cuba
- c) Morocco
- d) Benin

75. According to Germanwatch's Climate Change Performance Index (CCPI), 2022, what is the rank of India ?

- a) 7th
- b) 8th
- c) 9th
- d) 10th

76. The National Commission for Backward Classes was accorded the constitutional status by

- a) The Constitution (One Hundred and First Amendment) Act, 2016
- b) The Constitution (One Hundred and Second Amendment) Act, 2018
- c) The Constitution (One Hundred and Third Amendment) Act, 2019
- d) The Constitution (One Hundred and Fourth Amendment) Act, 2019

77. The Durand Line is the line demarcating the boundaries between

- a) India and Afghanistan
- b) India and China
- c) India and Pakistan
- d) None

78. The 2021 AI Readiness Index, published by Oxford Insights, ranks 160 countries as to how prepared their governments are in the use of AI in public services. India is ranked at

- a) 36th
- b) 48th
- c) 51st
- d) 67th

79. The first Artificial Intelligence ship to study marine pollution, avoid collisions and detect marine animals is named as

- a) Poseidon 400
- b) Mayflower 400
- c) AIS 400
- d) Titanic 400

80. In which of the following States, the first Emergency Landing Facility on a National Highway was inaugurated ?

- a) Karnataka
- b) Gujarat
- c) Goa
- d) Rajasthan

81. All whales are mammals. All creatures breathe. Some whales are creatures. Mickey Mouse is a whale.

Examine the following statements :

I. Mickey Mouse breathes.

II. Mickey Mouse does not breathe.

III. Mickey Mouse is a creature.

IV. Mickey Mouse is not a creature.

V. Mickey Mouse is a mammal.

VI. Mickey Mouse is not a mammal.

Choose the most appropriate answer.

- a) Only II, IV and V follow
- b) Only V follows
- c) I, III and V follow
- d) Only VI follows

82. All whales are mammals. All creatures breathe. Some whales are creatures. Eiffel Tower is a mammal.

Examine the following statements :

I. Eiffel Tower breathes.

II. Eiffel Tower does not breathe.

III. Eiffel Tower is a creature.

IV. Eiffel Tower is not a creature.

V. Eiffel Tower is a whale.

VI. Eiffel Tower is not a whale.

Choose the most appropriate answer.

- a) Only I and III follow
- b) Only II, IV and VI follow
- c) Only V follows
- d) None of the above

83. All whales are mammals. All creatures breathe. Some whales are creatures. Internet is a creature.

Examine the following statements :

I. Internet breathes.

II. Internet does not breathe.

III. Internet is a whale.

IV. Internet is not a whale.

V. Internet is a mammal.

VI. Internet is not a mammal.

Choose the most appropriate answer.

- a) Only I follows
- b) Only I, II and V follow
- c) Only I, IV and VI follow
- d) Only III follows

84. All whales are mammals. All creatures breathe. Some whales are creatures. Further, anything that breathes is a mammal.

Mickey Mouse is a whale. Eiffel Tower is a mammal. Internet is a creature. Examine the following statements :

I. Only one out of Mickey Mouse and Internet breathes.

II. At least one out of Mickey Mouse, Internet and Eiffel Tower does not breathe.

III. It is possible that all of Mickey Mouse, Internet and Eiffel Tower breathe.

IV. All of Mickey Mouse, Internet and Eiffel Tower are mammals.

V. If it is true that Mickey Mouse breathes, then it is also true that Mickey Mouse is a creature.

Choose the most appropriate answer.

- a) Only IV follows
- b) Only III and IV follow
- c) Only I, II, and IV follow
- d) Only V follows

85. Capitalism is a philosophy. All ideas are fictional objects. Only fictional objects are philosophy.

Examine the following statements :

I. Capitalism is an idea.

II. Capitalism is a fictional object.

III. Capitalism is not an idea.

Choose the most appropriate answer.

- a) Only I and II follow
- b) Only II and III follow
- c) Only II follows
- d) None follows

86. All khaps are fair institutions. No fair institutions are democratic. Only courts are democratic.

Examine the following statements :

I. Some courts are fair institutions.

II. No courts are fair institutions.

III. It is possible that all courts are fair institutions.

Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows
- c) Only III follows

d) None follows

87. All thieves are persons. Some persons are dishonest. All dishonest persons go to jail. 'X' is a person.

Examine the following statements :

I. X is a thief.

II. X may be dishonest.

III. X is necessarily dishonest.

IV. If X is a thief, he will go to jail.

Choose the most appropriate answer.

a) I and IV follow

b) Only IV follows

c) Only II follows

d) Only III follows

88. All black money funds terrorist activities. All terrorist activities are financed solely by corrupt politicians. If the Lokpal Bill is passed, all assets and financial sources of all corrupt politicians will be frozen. If demonetisation is declared, all black money will disappear.

If the above statements are true, which of the following follow(s) ?

I. If demonetisation is declared, funding of terrorist activities will completely stop.

II. If the Lokpal Bill is passed, funding of terrorist activities will completely stop.

III. If demonetisation is declared and the Lokpal Bill is passed, funding of terrorist activities will completely stop.

Choose the most appropriate answer.

a) Only I follows

b) Only II follows

c) Only III follows

d) Both II and III follow

89. All laptops are computers. Some computers are useful. Everything that is useful is precious. X is a computer.

Which of the following statements necessarily follows?

a) All precious objects are useful.

b) If 'X' is useful, it must be a laptop.

c) X must be precious.

d) If 'X' is a useful laptop, it must be precious.

90. All democratic governments are elected. Some elected governments are fair. No dictatorships are elected. 'X' is a dictatorship.

Which of the following statements necessarily follows?

a) X may be a democratic government.

b) X cannot be fair.

c) X cannot be a democratic government.

d) None of the above

91. Some apples are fruits. All fruits are ducks. Some ducks are books. Which of the following statements necessary follows ?

- a) Some books are apples
- b) At least some books are ducks
- c) No ducks are apples
- d) All ducks are fruits

92. Some White are Blue. Some Blue are Green. Some Green are Red. Some Red are Yellow. Some Red are Blue. Some Red are White. Some Yellow are White. Some Yellow are Blue. All Green are White. All Blue are Red.

If the above statements are true, which of the following follow(s) ?

- I. No Yellow is Green.**
- II. Of the Red which are White, some are also Yellow.**
- III. Of the Red that are Green, some are also Blue.**
- IV. Some White are Green.**

Choose the most appropriate answer.

- a) Only II and III follow
- b) Only III and IV follow
- c) Only I and IV follow
- d) All follow

93. Only Tigers are Fish. Only Rabbits are Fish. Only Rabbits are Tigers. Some Deer are Tigers.

If the above statements are true, which of the following follow(s) ?

- I. If A is a Rabbit, A is also a Deer.**
- II. If B is a Deer, B is also a Rabbit.**
- III. Some Deer are Fish.**
- IV. Some Deer are Rabbits.**

Choose the most appropriate answer.

- a) Only IV
- b) Only II
- c) Only I and II
- d) None follows

94. Most persons are individuals. Some companies are State. Most State are individuals.

If the above statements are true, which of the following follow(s) ?

- I. Some persons are State.**
- II. Some State are companies.**
- III. Some companies are persons.**

IV. Some companies are individuals. Choose the most appropriate answer.

- a) Only II and III
- b) Only I and II
- c) Only II
- d) None follows

95. Statement: "We are short on time so we better send these documents via speed post."

Assumption made:

- a) Sending documents via speed post will take less time than some other means of sending documents.

- b) Documents must always be sent via speed post.
- c) Sending documents via speed post will take less time than all other means of communication.
- d) None of the above

96. "The best telecom services in the world are to be found in South Korea and Japan, and neither country allocates spectrum on the basis of auctions. Spectrum is assigned on the basis of discretion, the focus being on ensuring the availability of cutting-edge telecom services and the revenue the super-enabled industry would generate, rather than on generating revenue from spectrum auctions. Neither the Japanese nor the Koreans are squeamish about eating almost anything that creeps, crawls, swims, flies or runs. But when it comes to geese that lay golden eggs, they apparently lay off."

Which of the following assumptions is made in the above passage ?

- a) Geese are not consumed as food in Japanese and South Korean cultures
- b) Auctioning telecom spectrum would generate a great deal of revenue for the Japanese and South Korean Governments
- c) Governments that wish to provide good telecom service should not auction telecom spectrum
- d) Governments that wish to provide good telecom service should auction telecom spectrum

97. Even before the coronavirus, lack of sleep was a simmering public-health crisis associated with a suite of maladies. Roughly 10 to 15 percent of people worldwide were suffering from chronic insomnia, the struggle to fall or stay asleep at least three nights a week for three months or longer. Crises such as natural disasters or terrorist attacks are known to trigger short-term sleeplessness. But experts say the pandemic's unprecedented global impact and protracted nature threaten to expand the rate of chronic insomnia, which is much harder to treat.

Which one of the following is an assumption required by the argument?

- a) Increasing levels of obesity in the world population have exacerbated chronic insomnia.
- b) There has been an uptick in natural disasters and terrorist attacks in recent times.
- c) Heightened levels of stress contribute to short-term as well as long-term sleeplessness.
- d) The treatment of chronic insomnia is costly for public health systems across the world.

98. Scientists say they have completed the first full and seamless catalogue of genetic instructions of humans. Until now, about 8% of the human genome code was missing from the blueprint. The quest to decipher and complete a gapless DNA sequence has taken decades. The resource helps explain how to create every human cell in the body, which could shed light on how to treat, prevent and cure disease. Now, just 10 million bases or letters of human DNA out of roughly 3 billion, are unknown.

The conclusion drawn above follows logically if which one of the following is assumed?

- a) Until the discovery it had been impossible to explain how any human cell in the body is created.
- b) It has been possible to complete the full seamless catalogue of human genetic instructions using 2.99 billion letters of human DNA.
- c) Scientists will be able to explain how to treat and prevent cellular diseases only once the remaining 10 million letters of human DNA are known.
- d) The 8% of missing human genome code has taken the longest time to be deciphered.

99. Read the Statement given below and decide which of the Assumptions listed thereafter are implicit in the Statement.

Statement: India should generate solar energy to meet its unmet energy requirements.

Assumptions:

I. Solar energy is cheaper than other forms of energy.

II. India is capable of generating solar energy.

III. India is unable to meet its energy requirements using non-solar sources of energy.

Choose the most appropriate answer.

- a) Only I is implicit.
- b) Only II is implicit.
- c) Only III is implicit.
- d) Both II and III are implicit.

100. Read the Statement given below and decide which of the Assumptions listed thereafter are implicit in the Statement.

Statement: To catch the rats running around in the house, you should use a rat trap.

Assumptions:

I. Rats are likely to step into rat traps.

II. Food will be kept inside the rat trap.

III. Rat traps are small in size.

Choose the most appropriate answer.

- a) Both I and II are implicit
- b) All are implicit
- c) Only I is implicit
- d) Only II is implicit

101. Carmakers are taking the middle path in their electrification journey in India, with powerful hybrids flagging off the 'green race' for three leading Japanese car manufacturers. Japanese carmakers believe introducing hybrids will eventually lead to higher localization of parts for electric vehicles, making them more accessible to a larger customer base. These manufacturers have no plans of launching an electric car in India before 2025 and are currently working on localisation of hybrid vehicle parts.

The passage assumes which one of the following?

- a) Carmakers in Japan have been successful in scaling up production of electric vehicles in the past.
- b) Indian customers are unable to afford electric vehicles.
- c) Manufacturing processes for electric and hybrid vehicles are similar to the extent that production of the latter shall ease future production of the former.
- d) There will be no electric car production in India until 2025.

102. Read the Statement given below and decide which of the Assumptions listed thereafter are implicit in the Statement.

Statement: Employers must offer flexible working schedules or risk resignations by talented employees.

Assumptions:

I. Employers should offer flexible working schedules.

II. Some employees want flexible working schedules.

III. Some employees value flexible working schedules so much that they would resign if these are not offered.

Choose the most appropriate answer.

- a) Both II and III are implicit
- b) All are implicit
- c) Only I is implicit
- d) Only II is implicit

103. Even though switching to veganism may be costly and sometimes inconvenient, it is a good change if one wishes to improve their chances of leading a healthy life, while benefitting the environment.

Which of the following is an assumption necessarily taken for granted in the above statement?

- a) The costs involved and inconvenience of making a change act as deterrents for most people.
- b) It is possible to undertake practices that may impact how healthy a life one lives.
- c) Non-vegetarianism impacts the environment most adversely.
- d) Costly and inconvenient choices must always be made to effect positive change.

104. 'X' and 'Y', enter into a contract (i.e. X and Y are parties to the contract) for supply of goods by X to Y in exchange for payment from Y to X. Consider the following Clause in the contract:

(Sub-Clause 1) Neither party shall be held liable for failure to comply with its obligations under this contract if such failure is due to any kind of natural disaster or human event beyond its control.

(Sub-Clause 2) The successful invocation of this Clause by either party shall protect that party from liability for non-fulfilment of its obligations under the contract only until the natural disaster or human event in Sub-Clause 1 continues to affect that party."

The contract requires X to deliver goods from his house to Y's house latest by 30th May. Both X and Y live in the same city. On the morning of 30th May, there is a big earthquake near X's house which causes all roads in the area to be blocked. The blockage remains present until 31st May.

Can X claim that this situation falls under Sub-Clause 1?

- a) Yes, because the earthquake is a natural disaster beyond X's control.
- b) Yes, because X's failure to deliver the goods to Y by 30th May was due to the earthquake.
- c) No, because X could have delivered the goods to Y before 30th May and his failure to deliver the goods to Y is due to his laziness and not only due to the earthquake.
- d) Combination of options 'a' and 'b'.

105. Consider the following principle :

In a dispute between X and Y, Y can sue X :

- (i) In the city of X's residence, OR**
- (ii) In the city where the dispute arose**

X and Y enter into a contract which requires X to deliver goods from his house to Y's house latest by 30th May. X lives in Delhi and Y lives in Calcutta. X fails to deliver the goods by 30th May due to an earthquake in Delhi. Y wants to sue X for breach of the contract. Y can sue X:

- a) In Delhi only
- b) In Calcutta only, assuming that the dispute arose in Calcutta
- c) In either one of Delhi and Calcutta, assuming that the dispute arose in Calcutta
- d) None of the above

106. Consider the following principle: In a dispute between X and Y, Y can sue X:

- (i) In the city of Y's residence, OR**
- (ii) In the city of X's residence, OR**
- (iii) In the city where the dispute arose**

Y lives in Calcutta and is the owner of the restaurant 'Y's Yummilicious Restaurant', located in Calcutta. X lives in Delhi and starts a restaurant named 'Yummilicious Restaurant' in Delhi. Y wants to sue X for infringement of the name 'Yummilicious Restaurant'. Y can sue X :

- a) In Delhi only
- b) In Calcutta, but only if the dispute arose in Calcutta
- c) In either one of Delhi and Calcutta, regardless of where the dispute arose
- d) None of the above

107. All contracts are agreements. Only agreements enforceable by law are contracts.

Y is a government official tasked with issuing driving licenses to applicants who meet the criteria. X has applied for a driving license but does not meet the criteria. X and Y enter into an oral agreement that X will pay Y Rs. 5000 to issue a driving license to X. With reference to the facts given above, X says "I have entered into a contract with Y."

- a) X is wrong because the agreement is not in writing.
- b) X is wrong because an agreement not enforceable by law is not a contract.
- c) X is right.
- d) There is insufficient information to reach the conclusions in Options a, b and c

108. Anyone who pleads on behalf of another in a Court is a pleader. All lawyers are pleaders. X, a lawyer, pleads his own case in Court.

- a) X is a pleader in this case.
- b) X is not a pleader in this case as he is not pleading on behalf of another.
- c) As long as he is a lawyer, X is a pleader in all cases.
- d) None of the above

109. All offences are punishable. Not everything that is punishable is an offence. Only that which is punishable is an offence.

X, a school student, does not submit her homework on time and is punished by being given extra homework.

- a) X has certainly committed an offence
- b) X has certainly not committed an offence
- c) We do not have sufficient information to determine whether X has committed an offence

d) None of the above

110. Only registered trademarks can be infringed. Copying a registered trademark is sufficient to constitute infringement.

X owns the trademark 'Yummilicious Restaurant'. Y copies this trademark. X sues Y for infringement.

- a) If X's trademark was registered, Y has necessarily infringed X's trademark
- b) Y has necessarily infringed X's trademark only if X's trademark was registered and Y was aware of X's trademark
- c) Y has definitely not infringed X's trademark
- d) None of the above

111. Limitation Principle : A suit for recovery of money can be filed only within 3 years from the date the money becomes due to be recovered. Suits filed after this period are not maintainable. Suits filed within this period are necessarily maintainable. Money became due from Y to X on March 17, 2017. X filed a suit for recovery of money on March 1, 2022.

- a) X's suit is not maintainable
- b) X's suit is maintainable
- c) There is insufficient information to determine if X's suit is maintainable
- d) None of the above

112. Issue: Is LeBron James the best professional basketball player of all time ? Argument 1: Yes. LeBron James has had the largest fan base among all professional basketball players in the history of the sport.

Argument 2: No. LeBron James has changed his team too many times.

Argument 3: Yes. No other player has scored more points in their professional career than LeBron James has.

Choose the most appropriate answer.

- a) Only Argument 1 is strong
- b) Only Argument 2 is strong
- c) Only Argument 3 is strong
- d) Both Arguments 1 and 3 are strong

113. Person 1: Children should not read novels that contain instances of racism. Person 2 in response to Person 1: Parents and teachers of children can use such novels to educate children against racism. Which of the following is correct?

- a) Person 1 and Person 2 agree that some novels contain instances of racism.
- b) Person 2 supports racism.
- c) Both 'a' and 'b'
- d) Neither 'a' nor 'b'

114. Cocoa is rich in plant chemicals called flavanols that may help to protect the heart. Dark chocolate contains up to 2-3 times more flavanol-rich cocoa solids than milk chocolate. Flavanols have been shown to support the production of Nitric Oxide (NO) in the endothelium (the inner cell lining of blood vessels) that helps to relax the blood vessels and improve blood flow, thereby lowering blood pressure. Flavanols in chocolate can increase insulin sensitivity in short term studies; in the long run this could reduce risk of diabetes.

Which of the following, if true, strengthens the explanation above ?

- a) Communities with high levels of dietary intake of dark chocolate exhibit low rates of death from hypertension (high blood pressure).
- b) Individuals with low levels of nitric oxide in the endothelium exhibited relaxed blood vessels and robust blood flow.
- c) There is no peer-reviewed study which proves the link between intake of cocoa flavanols and reduction in risk of diabetes.
- d) None of the above

115. AI often elicits a sense of amazement, of wonder, of possibility for the future. But just as AI offers advancements, there is also the potential for a bleak future – machines are prone to bias and racism. These machines learn by running training data through algorithms, each crafted by human handlers. Therefore, if the data inputted into the system is biased, the result will be biased too. This is dangerous and the threat needs to be addressed before biased AI systems become ubiquitous. Ultimately, AI systems have the potential to deepen existing systemic inequalities, particularly in industries like healthcare, employment, and criminal justice.

Which one of the following is an assumption required by the argument?

- a) Existing data sets can incorporate the biases of human handlers which reflects in AI output.
- b) Large-scale deployment of AI systems has been hindered by the likelihood of biased results.
- c) Human handlers have tried to manipulate AI systems through the use of biased data.
- d) Industries like healthcare, employment, and criminal justice are in urgent need of AI systems.

116. Fake news and sophisticated disinformation campaigns are especially problematic in democratic systems, and there is growing debate on how to address these issues without undermining the benefits of digital media. In order to maintain an open, democratic system, it is important that government, business, and consumers work together to solve these problems.

Which one of the following explanations, if valid, most helps to justify the above reasoning?

- a) An effective means of countering fake news and disinformation campaigns is to revert to print media for critical information.
- b) Only governments have the power to counter fake news and sophisticated disinformation campaigns.
- c) Autocratic systems of government ensure that only verified and accurate information is disseminated.
- d) Democratic societies are underpinned by freedom of speech and expression.

117. Legislator: We recently evaluated the impact that an amendment to a particular national legislation would have on the population, by undertaking a survey in the most populous state of the country as well as a nation-wide survey. We were unable to get any information from the national survey results. However, we found that the response to the amendment was highly promising in the state-wide survey. We concluded that the national population's response would be promising as well.

The Legislator's reasoning does which of the following?

- a) infers a statistical generalisation by deploying statistical tools to different data sets.

- b) bases the prediction about the impact of a phenomenon on the impact of the phenomenon's cause.
- c) makes a prediction about future events on facts from multiple recent comparable events.
- d) uses evidence from a case where direct evidence is available to make a conclusion about a dissimilar case where direct evidence is not available.

118. Statement: The Criminal Procedure (Identification) Bill, 2022 ("Bill") seeks to authorise the taking of measurements (such as finger-impressions) of convicts and other persons for the purposes of identification and investigation in criminal matters.

Person 1: The Bill should not become a law because it allows for collection of measurements without any provisions for data protection.

Person 2: I disagree. Data protection measures can be developed. But the Bill will help law enforcement agencies to utilise the latest technology to identify criminals.

Which of the following is correct?

- a) Person 1 and Person 2 agree that the Bill should not become a law under any circumstances.
- b) Person 1 and Person 2 agree that data protection is a valid concern with respect to the Bill.
- c) According to Person 2, concerns about data protection are sufficient to reject the Bill.
- d) None of the above

119. Issue: As of April 2022, a few cases of the COVID XE variant have been found in India, which may be more transmissible than previous variants.

Person 1: (in April 2022): The government should institute a national lockdown preemptively to prevent a potential new wave of COVID XE. Although lockdowns cause great difficulty for people, there is no other way to prevent a potential new wave.

Person 2: (in April 2022): A national lockdown is a drastic measure that severely harms businesses and people. The risk posed by the new COVID XE variant does not justify a national lockdown, at least at this stage.

Which of the following is correct?

- a) Person 1 and Person 2 agree that a lockdown will definitely be needed in future.
- b) Person 2 thinks that a national lockdown is never justified.
- c) Person 1 and Person 2 agree that a lockdown has negative consequences.
- d) None of the above

120. Children who enjoy reading books usually do so indoors. Children should spend time playing outdoors.

Conclusions:

I. Children should not read books.

II. Children who enjoy reading books never play outdoors. Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows
- c) Both I and II follow
- d) Neither I nor II follows

121. The quickest way to decarbonise in the near term is scaling up renewable energies to replace coal and gas. This will be even more important as transport and home heating become electrified. While electrification and the deployment of renewables can go a long way, for some sectors this will not be enough. Cement and steel manufacture, for instance, cannot be simply electrified and powered by renewables. Similarly, heavy duty transport — such as air travel, shipping and long-haul trucking — presents a challenge.

Which one of the following statements can be properly inferred from the passage?

- a) Transport and home heating cannot be powered using coal and gas.
- b) Air travel and shipping can be decarbonised over the long-term using current renewable energy technologies.
- c) Existing modes of generating renewable energy are insufficient for decarbonising cement manufacturing.
- d) Long-haul trucking can only be powered using coal and gas.

122. The cloud-burst caused extensive damage to roadways around the town, making them unsuitable for heavy vehicles such as trucks and buses carrying more than 20 people. As a result, the villagers are being extracted via air. The roadways cannot be mended until everyone is extracted safely.

Based on the information above, which conclusion necessarily follows?

- a) Materials for mending the roadways will have to be transported via air.
- b) No person or vehicle is entering the town via roadways.
- c) The villagers would have used trucks to leave the town if the roads weren't damaged.
- d) None of the above

123. Ayurveda is a traditional branch of medical science in India. Ayurveda techniques have great capabilities, and complex procedures including surgeries can be performed effectively using the principles of Ayurveda.

Based on the information above, which conclusion necessarily follows ?

I. Ayurveda is a better form of medicine than allopathy.

II. Ayurveda is a neglected science.

Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows
- c) Both I and II follow
- d) Neither I nor II follows

124. There are many ways to be successful in life. One way is to work hard and be good at your job. Another way is to be street smart and develop a great emotional quotient. Yet another way is to always follow the advice of your elders.

Based on the information above, which conclusion necessarily follows ?

I. All three are equally easy ways of being successful in life.

II. It is possible to be successful without working hard. Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows

- c) Both I and II follow
- d) Neither I nor II follows

125. The freedom of speech is not absolute. Certain categories of speech, such as hate speech, sedition, defamation, etc., are not protected by the Constitution.

Based on the information above, which conclusion necessarily follows?

I. Obscene speech is protected by the Constitution.

II. Defamation is a criminal offence. Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows
- c) Both I and II follow
- d) Neither I nor II follows

126. It is statistically proven that those who play sports suffer from less stress than those who do not play sports. In fact, regularly playing sports is associated with an overall higher level of mental health. Further, outdoor sports are associated with better mental health than indoor sports.

Based on the information above, which conclusion necessarily follows ?

I. Sports are essential to maintain good mental health.

II. People who regularly play sports never face mental health issues. Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows
- c) Both I and II follow
- d) Neither I nor II follows

127. Since their inception in the 1970s, video games have often been criticized by some for violent content. Politicians, parents, and other activists have claimed that violence in video games can be tied to violent behavior, particularly in children, and have sought ways to regulate the sale of video games. However, numerous studies have failed to find any connection between video games and violent behavior.

Based on the information above, which conclusion necessarily follows?

I. Video games have no relationship with violence.

II. Better studies need to be conducted to find a link between video games and violence.

Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows
- c) Both I and II follow
- d) Neither I nor II follows

128. In 2008, the Bar Council of India framed a rule stipulating that an advocate is prohibited from advertising or soliciting his work either directly or indirectly, through circulars, advertisements, interviews, touts, and personal communications. The idea of the prohibition of advertising practices in the legal profession has been taken from the law in the UK, where the legal profession is considered noble, and it is believed that its commercialization will cause dishonor to the profession and will lead to unfair practices.

Based on the information above, which conclusion necessarily follows?

I. The Bar Council of India has copied the law in the UK without applying its own mind as to whether such a restriction on advertising would be conducive in the Indian context.

II. Lawyers in India are not allowed to commend themselves to persons looking for legal assistance.

Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows
- c) Both I and II follow
- d) Neither I nor II follows

129. The Government of Kerala has reserved 75% seats in all public educational institutions for persons having ‘domicile’ status in the State of Kerala. The reason cited by the Government is that other States in the country have taken similar measures with respect to their residents. The approach adopted by the State of Kerala is improper because every State authority is required to independently apply its own mind before arriving at a decision.

Based on the information above, which conclusion necessarily follows?

I. 75% seats in all public institutions are in fact occupied by persons holding ‘domicile’ status in the State of Kerala.

II. The reason behind the introduction of ‘domicile’ reservations by the State of Kerala is not an assessment of backwardness of certain parts of the State.

Choose the most appropriate answer.

- a) Only I follows
- b) Only II follows
- c) Both I and II follow
- d) Neither I nor II follows

130. The April 1986 disaster at the Chernobyl nuclear power plant in Ukraine was a direct consequence of Cold War isolation and the resulting lack of any safety culture. While no-one in the West was under any illusion about the safety of early Soviet nuclear reactor designs, some lessons learned have also been applicable to Western plants. Since then, the safety of all Soviet-designed reactors has improved vastly. This is due largely to the development of a culture of safety encouraged by collaboration between East and West, and substantial investment in improving the reactors.

Which one of the following statements can be inferred from the passage?

- a) Financial investment in nuclear reactor-safety was not a priority for governments prior to the Chernobyl disaster.
- b) In the period preceding the Chernobyl disaster, Western nuclear scientists believed their nuclear reactors are superior than Soviet reactor designs.
- c) The level of collaboration between Western and Eastern nations in the pre-Chernobyl era/before 1986, in relation to safe nuclear reactor designs, was lower compared to the post-Chernobyl era.
- d) Both b) and c)

131. Black people are about twice as likely to develop Alzheimer's disease as White people, but for years the pharmaceutical industry has mostly left them out of trials intended to prove new drugs are safe and effective. Two trials organized by a leading pharmaceutical company for its drug 'X', the first Alzheimer's drug approved in almost two decades, were among those with the lowest Black representation. Only 19 people, or 0.6%, of 3,285 participants in its two final-stage trials identified themselves as Black. There are good reasons to study Alzheimer's in broader populations: The disease is still poorly understood, and the brain pathology and disease genetics may be different in groups with different ancestry.

Which one of the following statements can be inferred from the passage?

- a) Drug companies find it economical to enroll non-black participants in clinical trials.
- b) Black people are reluctant to enroll in clinical trials.
- c) The approval of Drug X will enable pharmaceutical companies to better understand Alzheimer's disease.
- d) The approved Drug 'X' may not be as safe and efficacious among Black patients as it would be among White patients.

132. Geeta is buying three ice-cream bars and must distribute them amongst five of her friends - V, W, X, Y and Z - in accordance with the following conditions :

- (i) If V gets an ice-cream bar, W and Y must also get an ice-cream bar.
- (ii) If Z gets an ice-cream bar, X cannot get an ice-cream bar.
- (iii) At least one of W or X must get an ice-cream bar.
- (iv) Each ice-cream bar can only go to one person.

If X gets an ice-cream bar, the other two ice-cream bars can go to :

- a) Only V and W
- b) Only W and Y
- c) Only W and Z
- d) None of the above

133. A school principal must schedule classes for five subjects – English, Maths, Science, Social Studies, and Music – in accordance with the following conditions :

- (i) All subjects except Music must be scheduled at least once a day.
- (ii) Science must be scheduled immediately after Maths on any day.
- (iii) English cannot be the first or last subject scheduled on any day.
- (iv) Social Studies cannot be immediately followed by Music. Music cannot be immediately followed by Social Studies.

If English is the second subject scheduled on a given day, which of these is a possible order of subjects for that day?

- a) Music, English, Maths, Social Studies
- b) Science, English, Music, Social Studies
- c) Social Studies, English, Maths, Science
- d) Maths, English, Science, Social Studies

134. An athlete who enjoys playing football, tennis, badminton, cricket and basketball must somehow play all five of these sports during a given 7-day week (starting on Monday and ending on Sunday) in accordance with the following conditions:

- (i) Football cannot be played on Monday or Sunday.**
- (ii) Badminton cannot be played on the day immediately before or immediately after the day on which tennis is played.**
- (iii) Basketball cannot be played on Thursday.**
- (iv) At least two of the five sports must be played twice during the week.**
- (v) Only one sport can be played each day.**
- (vi) No sport can be played for two consecutive days.**

If Badminton is played on Monday and Basketball is played on Saturday, which of the following is a possible order of sports for the week?

- a) Badminton (Monday), Tennis (Tuesday), Cricket (Wednesday), Football (Thursday), Cricket (Friday), Basketball (Saturday), Badminton (Sunday)
- b) Badminton (Monday), Football (Tuesday), Tennis (Wednesday), Football (Thursday), Cricket (Friday), Basketball (Saturday), Basketball (Sunday)
- c) Badminton (Monday), Football (Tuesday), Tennis (Wednesday), Football (Thursday), Cricket (Friday), Basketball (Saturday), Cricket (Sunday)
- d) None of the above

135. Seven locations (Classroom, Hostel, Library, Auditorium, Dining Hall, Meeting Room, and Common Room) within an unusual college campus are to be assigned floor numbers from 1 (lowest) to 7 (highest). Each location can only have one floor number, and each floor number can only be assigned to one location. The numbering is to be done in accordance with the following conditions:

- (i) The Classroom is on a lower floor than the Auditorium.**
- (ii) The Meeting Room is exactly one floor lower than the Hostel.**
- (iii) The Library is either on Floor 1 or on Floor 7.**
- (iv) The Common Room is on Floor 4.**

Which of the following is a possible arrangement of the seven locations, going from Floor 1 to Floor 7?

- a) Classroom, Auditorium, Dining Hall, Common Room, Library, Meeting Room, Hostel
- b) Classroom, Dining Hall, Auditorium, Common Room, Meeting Room, Hostel, Library
- c) Classroom, Meeting Room, Dining Hall, Common Room, Hostel, Auditorium, Library
- d) Library, Dining Hall, Common Room, Meeting Room, Hostel, Classroom, Auditorium

136. Some laptops are chocolates. All toffees are chocolates. Examine the following statements:

- I. Some laptops are toffees.**
- II. No toffees are laptops.**
- III. All toffees are laptops.**
- IV. All laptops are toffees.**

Choose the most appropriate answer.

- a) Either I or II follows.

- b) Either III or IV follows.
- c) Both I and III follow.
- d) Both I and IV follow.

137. All boxes are plugs. All plugs are bottles. Examine the following statements:

I. All plugs are boxes.

II. All bottles are boxes.

III. No bottles are boxes.

Choose the most appropriate answer.

- a) Only Statement I is certainly false.
- b) Both Statements II and III are certainly false.
- c) Both Statements I and III are certainly false.
- d) Only Statement III is certainly false.

138. Only fruits are pasta. All noodles are pasta. Examine the following statements:

I. No fruits are noodles.

II. All pasta are noodles.

III. All fruits are noodles.

Choose the most appropriate answer.

- a) Only Statement I is certainly false.
- b) Both Statements II and III are certainly false.
- c) Both Statements I and III are certainly false.
- d) Only Statement III is certainly false.

139. People are always blaming circumstances for their difficulties. Most who succeed in this world are people who get up and look for the circumstances they want, and if they cannot find them, they make them.

Which of the following is an assumption necessarily taken for granted in the above statement?

- a) Failure is always a consequence of not trying hard enough.
- b) Those who do not complain about their circumstances are successful in life.
- c) There is some correlation between desired circumstances and success.
- d) Both b) and c)

140. Online retailers do not have to pay for overheads such as shop rent and sales staff salaries, owing to which they can charge lower prices for products than brick-and-mortar stores which have to incur such costs.

The conclusion drawn above follows logically if which of the following is assumed?

- a) Online retailers pay lesser salaries than brick-and-mortar stores.
- b) Consumers prefer to pay less prices.
- c) Shop rent and sales staff salaries add to the price consumers have to pay for products.
- d) Both b) and c)

141. The world sees tech companies as giants with trillion-dollar market values and global networks. Cue renewed regulatory efforts to undermine their dominance. Shortly after the EU agreed stringent legislation to regulate Big Tech, the UK this week set out details of its plan. Such moves are a response to Big Tech's competition-stifling scale. Amazon will

account for an estimated 39.5 per cent of the US e-commerce market this year, according to research. Meta has 3.6bn users around the world and is the world's largest social media company. Google has 92 per cent of the search engine market, according to data.

Which of the following is the most appropriate assumption required by the above passage?

- a) Tech companies with small market shares will go bankrupt not survive in the absence of regulatory intervention.
- b) The regulatory efforts will help bolster the market shares of the competitors of Amazon, Meta and Google.
- c) Regulators have been struggling to rein in Big Tech.
- d) Tech companies with large market shares merit regulatory intervention in order to maintain competitive markets.

142. Ethanol can be blended into petrol to reduce the quantity of petrol required to run a vehicle, thus reducing dependency on imported, costly and polluting petroleum. For India to meet its target of 20% ethanol blended in petrol by the year 2025 (commonly known as the E20 target), it will have to bring in more land under cultivation of feedstock – agricultural products that can be converted into ethanol – area that can be better utilised for the generation of renewable energy and for furthering the electric vehicles adoption programme in the country, according to a new report. Besides, the ethanol target will not reduce earth-warming emissions drastically, it may be detrimental to India's food security, and will only help us inch towards energy security, experts say.

The conclusion drawn above follows logically if which of the following is assumed ?

- a) India's food security is already under threat.
- b) Dearth of renewable energy is hindering the adoption of electric vehicles in the country.
- c) India is lagging behind in achieving its E20 target.
- d) Land to be used for feedstock cultivation has conditions suited for renewable energy generation.

143. The Constitution of India is a vital document. It lays out our rights and duties and places meaningful restrictions on our elected representatives. It is imperative on our part to educate ourselves about the Constitution. Therefore, every person must endeavour to place a copy of the Constitution in their home.

Which of the following is an assumption required by the above passage ?

- a) Our elected representatives cannot be trusted.
- b) People are more likely to read a text if it is placed inside their home.
- c) The Constitution Framers were great visionaries.
- d) None of the above

144. Rather than adopt conventional ways of water consumption, we should all start storing our water in copper containers so that we can get the benefits of copper intake. It is now well-proven that storing water in a container for 24-48 hours is very effective in transmitting some copper content into the water.

Which of the following is an assumption required by the above passage?

- a) It is safe to drink water out of a copper container.
- b) We should drink adequate amounts of water every day.

- c) Storing water in copper containers is one of the best ways to ensure that the requisite copper content reaches your body.
- d) None of the above

145. “Mental-health issues and stress or high anxiety often go together. Finding an emotional release like painting allows a person’s mind to relax and let go of all the problems that contribute to a high-stress level. When people create something beautiful through painting, they stimulate the creative mind while relieving mental strain. A low-stress level leads to a happier, healthier lifestyle and helps improve overall mental health.” Which of the following is an assumption required by the above passage?

- a) People can have a creative mind.
- b) The act of painting involves expressing emotions.
- c) Stress reduces the quality of life.
- d) All of the above

146. Principle: An advocate is bound to accept any brief in the Courts or Tribunals or before any other authorities in or before which he proposes to practise at a fee consistent with his standing at the Bar and the nature of the case.

Facts: You are an advocate practising in the Supreme Court of India and specialising in criminal law. You are approached by a Pakistani national who has been convicted of serious terrorism and murder charges by the Delhi High Court. He wants you to represent him before the Supreme Court. He is willing to pay any fee you may quote. However, you have a serious moral objection to taking up this case since it concerns the security of the country. Choose the most appropriate answer.

- a) You can refuse to represent the terrorist on account of your strong moral objection. It is unfair to force a lawyer to argue a case against his moral beliefs.
- b) You can refuse to represent the terrorist on account of your strong moral objection. It would be unfair to the client if his lawyer does not believe in his case strongly.
- c) You are under an obligation to accept the case because the principle makes no exceptions for advocates having moral objections.
- d) None of the above

147. Principle: No person accused of an offence involving commercial quantity of narcotic drugs shall be released on bail or on his own bond unless the court is satisfied that there are reasonable grounds for believing that he is not guilty of such offence and that he is not likely to commit any offence while on bail.

Facts: Michael is accused of possessing commercial quantities of cocaine (a narcotic drug), which is an offence. However, he has not yet been arrested by the police. He moves the relevant court for anticipatory bail, praying that he should not be arrested for the alleged offences. The Court finds a good case for grant of anticipatory bail; however, the Court is not ready to state that “there are reasonable grounds for believing that he is not guilty of such offence”.

Choose the most appropriate answer.

- a) The Court is not bound by the given principle, because the principle speaks of “release” of a person on bail, thus implying that it does not apply to cases of anticipatory bail.

- b) The Court is still bound by the given principle because it would be absurd to suggest that persons in custody and those not yet arrested are governed by different rules.
- c) The Court is not bound by the given principle because its language is only in the form of a recommendation. The Court is free to grant bail based on its own sense of fairness and justice.
- d) None of the above

148. Principle: The appeal by a candidate or his agent or by any other person with the consent of a candidate or his election agent to vote or refrain from voting for any person on the ground of his religion, race, caste, community or language, shall be a “corrupt practice”.

Facts: Ms. Tickoo, a candidate from the Krantikari Party, says to her voters: “Vote for me because you are all Christians and your interests will be protected by me.” Choose the most appropriate answer.

- a) Ms. Tickoo is guilty of a corrupt practice because she has appealed to religion.
- b) Ms. Tickoo is not guilty of corrupt practice because she has appealed neither to her own religion nor to another candidate’s.
- c) Ms. Tickoo is not guilty of corrupt practice because the principle only applies to male candidates.
- d) None of the above.

149. There must be mandatory vaccination against communicable diseases.

Argument 1: Yes, the collective wellbeing of the population must override individual choice.

Argument 2: No, individuals must have agency over what they inject into their bodies.

Argument 3: No, this would lead to profiteering by vaccine manufacturers. Choose the most appropriate answer.

- a) Only arguments 1 and 2 are strong.
- b) All arguments are strong.
- c) Only arguments 2 and 3 are strong.
- d) Only arguments 1 and 3 are strong.

150. Should there be a limit on the number of times an individual may be elected as a head of a state ?

Argument 1 : Yes, it prevents concentration of power in a single individual for a prolonged time and reduces the possibility of misuse of power.

Argument 2 : No, an incumbent individual will know how to best run the country, given their experience.

Argument 3 : No, the population must be free to give the democratic mandate to the person of their choosing, even if they win multiple times.

Choose the most appropriate answer.

- a) Only argument 1 is strong.
- b) Only argument 1 and 3 are strong.
- c) Only argument 3 is strong.
- d) Only arguments 2 and 3 are strong.

AILET PREVIOUS YEAR EXAM 2023

ANSWER - KEY											
1	B	26	B	51	C	76	B	101	C	126	D
2	D	27	C	52	C	77	D	102	A	127	D
3	C	28	D	53	A	78	C	103	B	128	B
4	A	29	B	54	C	79	B	104	D	129	B
5	C	30	C	55	D	80	D	105	C	130	C
6	B	31	D	56	D	81	B	106	C	131	D
7	A	32	C	57	D	82	D	107	B	132	B
8	B	33	B	58	C	83	A	108	C	133	C
9	D	34	C	59	D	84	B	109	C	134	C
10	D	35	C	60	D	85	C	110	A	135	B
11	B	36	A	61	C	86	D	111	A	136	A
12	C	37	A	62	A	87	C	112	C	137	D
13	C	38	C	63	D	88	D	113	A	138	A
14	A	39	D	64	B	89	D	114	A	139	C
15	A	40	C	65	A	90	C	115	A	140	C
16	D	41	B	66	A	91	B	116	D	141	D
17	C	42	B	67	B	92	B	117	D	142	D
18	A	43	B	68	D	93	A	118	B	143	B
19	B	44	C	69	D	94	C	119	C	144	A
20	D	45	A	70	A	95	A	120	D	145	D
21	C	46	C	71	D	96	B	121	C	146	C
22	C	47	A	72	D	97	C	122	D	147	A
23	A	48	D	73	B	98	B	123	D	148	B
24	A	49	D	74	A	99	D	124	B	149	A
25	B	50	C	75	D	100	C	125	D	150	B