

AILET

ALL INDIA LAW ENTRANCE TEST

SOLVED PAPER 2020

Duration: 90 Minutes

Maximum Marks: 150

INSTRUCTIONS TO CANDIDATES

1. No clarification on the Question Paper can be sought. Answer the questions as they are.
2. There will be 150 Multiple Choice Questions (MCQ) of one mark each to be answered in the OMR Response Sheet only. Total marks are 150. Answer ALL the Questions.
3. There will be Negative Marking for Multiple Choice Questions (MCQ). For every wrong answer 0.25 marks will be deducted.
4. Candidates have to indicate the most appropriate answer by darkening one of the four responses provided, with **only BLACK/BLUE BALL POINT PEN** in the OMR Response Sheet.
5. Answering the question by any method other than the method mentioned above shall be considered wrong answer.
6. More than one response to a question shall be counted as wrong answer.
7. The candidate shall not write anything on the OMR Response Sheet and Answer Booklet other than the details required and in the spaces provided for.
8. After the examination is over, the candidate can carry the Question Booklet along with candidate's copy of the OMR Response Sheet. Candidate will hand over the original OMR Response Sheet to the invigilator.
9. The use of any unfair means by any candidate will result in the cancellation of his/her candidature.
10. Impersonation is an offence and the candidate, apart from disqualification, may have to face criminal prosecution.
11. Electronic gadgets like mobile phones, digital watch, pagers and calculators etc. are strictly not permitted inside the Test Centre/Hall.
12. The candidates shall not leave the hall before the end of the Test.

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BREAK-UP OF MARKS

Section	Subject	Marks	Q. No.
A	English	35	1 – 35
B	Current Affairs and General Knowledge	35	36 – 70
C	Logical Reasoning	35	71 – 105
D	Legal Aptitude	35	Not included in the current exam pattern - removed from the paper
E	Mathematics	10	Not included in the current exam pattern - removed from the paper
Total Marks		150	

SECTION – A : ENGLISH

Directions (Q. 1 – Q. 5): Each set of questions in this section is based on the passage. The questions are to be answered on the basis of what is **stated** or **implied** in the passage. For some of the questions, more than one of the choices could conceivably answer the question. However, you are to choose the **best** answer; that is, the response that most accurately and completely answers the questions.

In order to understand the development of Gangetic Valley plains, scholars have traditionally relied primarily on evidence from historical documents. However, such documentary sources provide a fragmentary record at best. Reliable accounts are very scarce for many parts of Northern India prior to the fifteenth century, and many of the relevant documents from the fourteenth and fifteenth centuries focus selectively on matters relating to cultural or commercial interests.

Studies of fossilized pollens preserved in peats and lake muds provide an additional means of investigating vegetative landscape change. Details of changes in vegetation resulting from both human activities and natural events are reflected in the kinds and quantities of minute pollens that become trapped in sediments. Analysis of samples can identify which kinds of plants produced the preserved pollens and when they were deposited, and in many cases, the findings can serve to supplement or correct the documentary record.

For example, analysis of samples from a bay in Jammu has revealed significant patterns of cereal-grain pollens beginning by about fourth century. The substantial clay content of the soil in this part of Jammu makes cultivation by primitive tools difficult. Historians thought that such soils were not tilled to any significant extent until the introduction of the wooden plough to India in the seventh century. Because cereal cultivation would have required tilling of the soil, the pollens evidence indicates that these soils must indeed have been successfully tilled before the introduction of the new plough.

Another example concerns flax cultivation in Jammu, one of the great linen-producing areas of India during the sixteenth century. Some aspects of linen production in Jammu are well documented, but the documentary record tells little about the cultivation of flax, the plant from which linen is made, in that area. The record of sixteenth-century linen production in Jammu, together with the knowledge that flax cultivation had been established in India centuries before that time, led some historians to surmise that this plant was being cultivated in Jammu before the sixteenth century. But pollens analyses indicate that this is not the case; flax pollens were found only in deposits laid down since the sixteenth century.

It must be stressed, though, that there are limits to the ability of the pollen record to reflect the vegetative history of the landscape. For example, pollen analysis cannot identify the species, but only the genus or family, of some plants. Among these is turmeric, a cultivated plant of medicinal importance in India. Turmeric belongs to a plant family that also comprises various native weeds, including Brahma Thandu. If Turmeric pollen were present in a deposit, it would be indistinguishable from that of uncultivated native species.

1. The phrase “documentary record” (para 2 and 4) primarily refers to:
 - (a) articles, books, and other documents by current historians listing and analyzing all the available evidence regarding a particular historical period.
 - (b) government and commercial records, maps, and similar documents produced in the past that recoded conditions and events of that time.
 - (c) documented results of analyses of fossilized pollen.
 - (d) the kinds and qualities of fossilized pollen grains preserved in peats and lake muds.
2. The passage indicates that pollen analyses have provided evidence against which one of the following views?
 - (a) In certain parts of Jammu, cereal grains were not cultivated to any significant extent before the seventh century.
 - (b) Cereal grain cultivation began in Jammu around the fourth century.
 - (c) In certain parts of India, cereal grains have been cultivated continuously since the introduction of the wooden plough.
 - (d) Cereal grain cultivation requires successful tilling of the soil.
3. The passage indicates that prior to the use of pollen analysis in the study of the history of the Gangetic Valley plains, at least some historians believed which one of the following?
 - (a) Turmeric was not used as a medicinal plant in India until after the sixteenth century.
 - (b) Cereal grain was not cultivated anywhere in India until at least the seventh century.
 - (c) The history of the Gangetic Valley plains during the fourteenth and fifteenth centuries was well documented.

- (d) The beginning of flax cultivation in Jammu may well have occurred before the sixteenth century.
4. Which of the following most accurately describes the relationship between the second paragraph and the final paragraph?
- (a) The second paragraph describes a view against which the author intends to argue, and the final paragraph states the author's argument against that view.
- (b) The second paragraph proposes a hypothesis for which the final paragraph offers a supporting example.
- (c) The final paragraph qualifies the claim made in the second paragraph.
- (d) The final paragraph describes a problem that must be solved before the method advocated in the second paragraph can be considered viable.
5. Which one of the following most accurately expresses the main point of the passage?
- (a) While pollen evidence can sometimes supplement other sources of historical information, its applicability is severely limited, since it cannot be used to identify plant species.
- (b) Analysis of fossilized pollen is a useful means of supplementing and in some cases correcting other sources of information regarding changes in the Gangetic Valley plains.
- (c) Analysis of fossilized pollen has provided new evidence that the cultivation of such crops as cereal grains, flax, and turmeric had a significant impact on the Gangetic Valley plains.
- (d) Analysis of fossilized pollen has proven to be a valuable tool in the identification of ancient plant species.

Directions (Q. 6 – Q. 8): In each of the following questions, a word is highlighted.

Choose the word which is a synonym of the highlighted word.

6. The systematic vilification of facts and expertise, the violent **abnegation** of diverse thought, the constant blasts of paranoia—stoking crime reports and patriotic sound bites on an inescapable news network—could this be more now?
- (a) indulgence (b) denial
(c) acceptance (d) adoption
7. Her 2014 autobiography, *A Fighting Chance*, and recent stump speeches are festooned in pep club spirit and folksy **blandishments**, cloying bits of business that have attached themselves to her life story.
- (a) cajolery (b) roughness
(c) criticism (d) bully
8. Were other international trade negotiations to be put back because of the virus — for example, those being conducted between London and Washington — Britain's government could start to look **obdurate** about the Brexit talks.
- (a) sensitive (b) illusive
(c) flexible (d) callous

Directions (Q. 9 – Q. 11): Complete the following sentences with an appropriate irregular verb and one of these phases.

(i)	(ii)
I. Make	a. From the jeweller
II. Choose	b. on the label
III. Carry	c. To the players
IV. Give	d. To represent India
V. Print	e. At today's meeting
VI. Damage	f. On the boulevard
VII. Take	g. In the storm

9. The road repairs might delay traffic.
- (a) I – b
(b) VII – c
(c) VI – g
(d) III – f
10. All the bijouterie have now been recovered.
- (a) VII – a
(b) III – f
- (c) VI – a
(d) III – a
11. The admonition about their behaviour on the pitch was ignored.
- (a) I – a
(b) VII – b
(c) VI – g
(d) IV – c

Directions (Q. 12 & Q. 13): Following are the questions based on the same words used as different parts of speech. Choose the correct matches.

12. Back

- | | |
|--------------|--|
| 1. Noun | a. The back portion of the house is in dilapidated condition. |
| 2. Adverb | b. In a coalition government a number of parties back the single largest party to form the government. |
| 3. Adjective | c. There is a road at the back of this theatre. |
| 4. Verb | d. She has come back from America. |
- (a) 1-a, 2-b, 3-c, 4-d (b) 1-d, 2-c, 3-b, 4-a
(c) 1-c, 2-d, 3-a, 4-b (d) 1-b, 2-a, 3-d, 4-c

13. Near

- | | |
|----------------|--|
| 1. Adjective | a. Draw near while I speak to you. |
| 2. Verb | b. There is a mango tree near our house. |
| 3. Adverb | c. Lajwanti is a near relative of mine. |
| 4. Preposition | d. I am nearing the end of the given work. |
- (a) 1-c, 2-d, 3-a, 4-b
(b) 1-d, 2-c, 3-b, 4-a
(c) 4-c, 1-b, 2-d, 3-a
(d) 3-c, 2-b, 1-a, 4-d

Directions (Q. 14 – Q. 16): Observe the following sentences where some changes are made in the sentence but keeping the sense of the sentence same. In the following questions, the sentences have some element of similarity. You have to find out the similarity and choose the option which is the odd one out.

14. (a) His behaviour displeased his officers.
His officers were displeased at his behaviour.
(b) One must respect one's elders. One's elders must be respected.
(c) I said, "Do not speak of the past."
I advised him not to speak of the past.
(d) A crash radio message was handed over to me.
They handed over a crash radio message to me.
15. (a) I don't expect to see him back here.
I don't expect that I will see him back here.
(b) In spite of his poverty, he is satisfied.
He is poor but he is satisfied.
- (c) He gave them not only food but some money also.
Besides food, he gave him some money also.
(d) Escaping arrest, he ran away.
He ran away in order to escape arrest.
16. (a) The teacher was strict but always loving.
Though the teacher was strict, she was always loving.
(b) He is very rich and can buy a car.
He is so rich that he can buy a car.
(c) He ran hard but missed the bus.
Although he ran, he missed the bus.
(d) You know what my errand is.
You know my errand.

Direction (Q. 17 – Q. 22): Choose the sentence which is correct grammatically.

17. (a) "Mr. Sharma has conveyed his heart-felt thanks to the Principal of the school and its management for their support to the cause of children with special needs."
(b) "The government was adviced to take immediate steps".
(c) This colt will make a good mare.
(d) Is your mother the executrix of this deed?
18. (a) You have fallen in bad company.
(b) Please run through the book.
(c) He set every thing to naught.
(d) He is calling you a bad name.
19. (a) All of the reptiles lay eggs.
(b) Waiting in the queue for half an hour, Jay suddenly realised that he had left his wallet at home.
(c) 'Do you think Meena will remember your birthday?' 'I suspect not.'
(d) The coffee in this coffee shop is the best one in town.
20. (a) He has a shave every morning, but you wouldn't think he had.
(b) Supposing you don't get the job – what will you do then?
(c) The strikes were mainly concerned about working conditions.
(d) She is quite younger than me.
21. (a) Because I'd lost my watch, so I was late for the meeting.
(b) She lives in 38 Middle Street.
(c) He'd left his papers all across the room.
(d) There have been many problems with the new bridge.
22. (a) I had to go into work even though I was feeling terrible.
(b) Competition entries must be received until 12.00 on 10 August.
(c) Why on earth were you waving that knife around? What were you thinking about?
(d) Do you care if I smoke a cigar?

Direction (Q. 23 – Q. 26): Choose the alternative which best expresses the meaning of the idiom/ phrase in the question.

23. Purple Patch
 (a) a dark period
 (b) a period of success
 (c) safe way to royalty
 (d) mending old ties
24. French Leave
 (a) an insulting defeat
 (b) a time of revelry
 (c) leave without permission
 (d) a great deception
25. Hang out to dry
 (a) to desert one in a troubling situation
 (b) to ridicule
 (c) a time of truce
 (d) be critical of
26. Down to the wire
 (a) digging deep (b) no chance of error
 (c) in great details (d) until the last moment

Directions (Q. 27 – Q. 29): Replace the underlined word/words with one of these two-or three-word verbs in an appropriate form.

27. If I tell you the secret, you must promise not to tell anyone else.
 (a) let in on (b) bring in
 (c) put down to (d) shoot down
28. They're going to suffer a lot of criticism for increasing bus fares by so much.
 (a) put down to (b) gather up
 (c) come in for (d) put up with
29. It's best to attribute his bad mood to tiredness and just forget it.
 (a) flick through (b) put down to
 (c) take on (d) see through

Direction (Q. 30 – Q. 35): Choose the best word to fill in the blanks

30. Owing to the combination of its proximity and atmosphere, Mars is the only planet in our solar system whose surface details can be discerned from the Earth.
 (a) viscous (b) ossified
 (c) rarefied (d) copious
31. Using the hardships of the Ganguli family as a model, Jhumpa Lahiri's *The Namesake* effectively demonstrated how one clan's struggles epitomized the experienced by an entire community.
 (a) reticence (b) quiescence
 (c) verisimilitude (d) tribulation
32. The Pyramid of Giza is more than just edifice; this imposing structure was built to create a chirping echo whenever people clap their hands on the staircase.
 (a) a venerable (b) a specious
 (c) a prosaic (d) a humble
33. Some wealthy city-dwellers become enchanted with the prospect of trading their hectic schedules for a bucolic life in the countryside, and they buy property with a pleasant view of farmland – only to find the stench of the livestock so that they move back to the city.
 (a) bovine (b) atavistic
 (c) olfactory (d) noisome
34. When Sheena brought home the irascible puppy, her more quiescent dogs were rattled by their new housemate.
 (a) languid (b) bellicose
 (c) diminutive (d) phlegmatic
35. Despite the vast amount of time Tarun dedicated to learning six different languages, he was communicator; his mastery of vocabulary and grammar failed to redress his inability to redress his inability to construct cogent prose.
 (a) an astute
 (b) a prolific
 (c) a maladroitness
 (d) a florid

SECTION – B : CURRENT AFFAIRS AND GENERAL KNOWLEDGE

36. Bru Settlement is regarding Bru refugee crisis and it was entered between:
 (a) Central Government, Tripura, Mizoram and Reang Tribe
 (b) Central Govt. and Indian Coffee Trade Association
 (c) Tripura, Mizoram and Reang Tribe
 (d) Central Government, Indian Coffee Trade Association and Reang Tribe
37. Which Movie won the Best Picture in 92nd Academy Awards 2020?
 (a) Joker
 (b) Parasite
 (c) Jojo Rabbit
 (d) Once Upon a Time in Hollywood
38. Which State in India tops the Sustainable Development Goal (SDG) India Index 2019?
 (a) Kerala
 (b) Gujarat
 (c) Andhra Pradesh
 (d) Himachal

39. Which of the following statements is not correct about the Blue Dot Network (BDN)?
- Blue Dot network is an initiative to grade the infrastructure projects in terms of debt, environment safety, labour standards, etc.
 - The Blue Dot Network project is being led by USA, Japan and Australia.
 - BDN offer public funds or loans for the project.
 - It is expected to serve as a globally recognised evaluation and certification system with a focus on the Indo-Pacific region.
40. Who among the following is not a recipient of Padma Vibhushan Award 2020?
- Sushma Swaraj
 - George Fernandez
 - Arun Jaitley
 - Teejan Bai
41. Which of the following from India is included in the SCO list of eight wonders of the world?
- Soho House
 - Statue of Unity
 - Signature Bridge
 - Ajanta Caves
42. Which of the following statements on Bond Yields is / are true?
- Yield from Government Bond is always lower than yields from corporate bonds.
 - When the economy is in recession, the Bond Yields usually tends to decrease.
 - Government Bonds are known as Treasury Bills in India.
 - When the Bond price increases, then Bond Yield decreases.
- II, IV
 - I, III
 - I, II, III
 - I, II, III, IV
43. Which of the following first-ever talked about the concept of 'Sustainable Development'?
- Earth Summit 1992
 - Kyoto Protocol
 - Paris Summit
 - Brundtland Report
44. In Global Democracy Index 2019, which of the following criteria is the main reason for India's sliding ranking?
- Electoral process and pluralism
 - Civil liberties
 - Functioning of government
 - Political participation
45. From which of the following sites, the female skeleton 16614 is recovered whose DNA sequencing has revealed that the people in the Indus Valley Civilization have an independent origin?
- Ganveriwala
 - Mohenjo-Daro
 - Dholavira
 - Rakhigarhi
46. Tishreen Revolution of 2019 is regarding:
- corruption
 - unemployment
 - inefficient public services
 - to stop Iranian intervention in Iraq
- I, II
 - II, III
 - I, IV
 - I, II, III, IV
47. The term Cytokine Storm is related to which of the following?
- Earth's Weather
 - Human body's Immune system
 - Atomic energy
 - Space Exploration
48. What was the main reason of people's protest in Hong Kong in 2019-20?
- Unemployment
 - Economic slow down
 - Extradition law
 - labour laws
49. Which of the following is/are not true about the Organization of Islamic Cooperation (OIC)?
- India is an observer to OIC.
 - Only Muslim majority states are members to the body.
 - It is the second largest inter-governmental organization after the United Nations.
 - The recent summit of the OIC was held in Mecca, Saudi Arabia.
- I, II, III, IV
 - I, II, III
 - I, II
 - III, IV
50. Who won the Ramon Magsaysay Award 2019 for Journalism?
- Ravish Kumar
 - Dibang
 - Sudhir Chaudhary
 - Rahul Kanwal
51. Who is the writer of the patriotic song Saare Jahan Se Accha?
- Allama Mohd. Iqbal
 - Rabindranath Tagore
 - Bankim Chandra Chatterjee
 - Kavi Pradeep
52. Apple has started a credit card named "Apple Card" in collaboration with which of the following companies?
- MasterCard
 - CitiBank
 - American Express
 - Goldman Sachs
53. India has signed the Singapore Convention on Mediation in 2019. It is regarding:
- Cross-border river disputes
 - Cross-border commercial disputes
 - Terrorism
 - War crimes
54. Consider the following statements:
- The Administer, appointed by the President, is the constitutional head of the Union Territory.
 - The relationship of the Union Territories with the Central Government is a part of the federal structure.
- Which of the above mentioned statements is/are correct?
- I only
 - II only
 - I, II
 - None

55. Where is the Nine Dash Line located?
 (a) South China Sea (b) North Atlantic Ocean
 (c) Arctic Ocean (d) East Philippine Sea
56. What is the duration of Solar Cycle?
 (a) 100 years (b) 6 months
 (c) 11 years (d) 12 months
57. Which city in the World is declared the Most Liveable City in 2019?
 (a) Melbourne (b) Vienna
 (c) Sydney (d) Osaka
58. The Central Board of Secondary Education has collaborated with which of the following companies for developing Artificial Intelligence (AI) based tools for learning in schools?
 (a) IBM (b) Google
 (c) Intel (d) Wipro
59. Who has said "How dare you? You have stolen my dreams, my childhood with your empty word."?
 (a) Malala Yousafzai (b) Greta Thunberg
 (c) Jaden Anthony (d) Martinez
60. Sound cannot travel through:
 (a) Gas (b) Liquid
 (c) Metal (d) Vacuum
61. The chemical component which is found in most of the virus is:
 (a) Protein (b) Lipids
 (c) DNA (d) RNA
62. Ajanta Caves depicts paintings and sculptures from which of the following?
 (a) Panchtantra Tales (b) Animals
 (c) Jataka Tales (d) dance forms
63. In which of the following countries, a law to criminalize fake news came into effect in October 2019?
 (a) Singapore (b) Finland
 (c) China (d) India
64. 'Singularity' has been in the news in the context of the Black Hole image. It refers to which of the following?
 (a) Gravitational waves generated by the merger of Black Holes.
 (b) The boundary around a Black Hole, beyond which no light or other radiation can escape.
 (c) It is a stage in the life-cycle of a star.
 (d) It is the centre of the Black Hole, which contains a huge mass in an infinitely small space, where density and gravity become infinite.
65. Who has been elected as the Speaker of the 17th Lok Sabha?
 (a) Rajiv Gauba
 (b) Om Birla
 (c) Adhir Ranjan Chowdhary
 (d) Sumitra Mahajan
66. Who among the following became the youngest ever elected Member of Parliament in India?
 (a) Dushyant Chautala
 (b) Tejasvi Surya
 (c) Chandrani Murmu
 (d) Raksha Khadse
67. Who has been appointed India's first Lokpal?
 (a) Justice (retd.) Pinaki Chandra Ghose
 (b) Shri. Suresh Mathur
 (c) Justice (retd.) A. D. Koshal
 (d) Justice (retd.) A.K. Sikri
68. Who has been declared the winner of the Nobel Peace Prize, 2019?
 (a) Abhijit Banerjee
 (b) Abdel Fattah el-Sisi, President of Egypt
 (c) Greta Thunberg, Climate Activist
 (d) Abiy Ahmed Ali, the Prime Minister of Ethiopia
69. The Neelakurinji flower, which grows after a period of 12 years, grows in which of the following areas?
 (a) The Andaman and Nicobar Islands
 (b) Lakshadweep
 (c) The Western Ghats
 (d) Arunachal Pradesh
70. Which of the following Statements correctly relates to 'Pink Tax'?
 (a) It is a tax legally imposed on women in some countries.
 (b) It is a tax imposed legally, the proceeds of which go for the development of women.
 (c) It is the name of the phenomenon wherein women pay more for women specific goods and services.
 (d) It is a kind of tax relief given for women specific products.

SECTION – C : LOGICAL REASONING

Direction (Q. 71 – Q. 77): Read the following information carefully and answer the questions given below.

Sonu has to deliver seven parcels containing different items – Medicine, Book, Stationery, Grocery, Cosmetics, Clothes and Chocolate – to houses on different floors of a building, one parcel each to a house. The seven floors of the building are numbered consecutively 1 through 7. Delivery of parcels to houses must meet the following conditions:

- I. Medicine is delivered on a lower numbered floor than Grocery.

- II. Clothes are delivered at one level below the floor at which Book is delivered.
- III. Stationery is delivered at the first floor or else seventh floor.
- IV. Chocolate is delivered at fourth floor.
71. There can be at most how many floors between the floor at which Medicine is delivered and the floor at which Grocery is delivered?
- (a) Two (b) Three
(c) Four (d) Five
72. If Clothes are delivered at floor 1, which of the following could be true?
- (a) Book is delivered at a floor one below than the floor at which Grocery is delivered.
(b) Book is delivered at a floor one below than the floor at which Cosmetics is delivered.
(c) Medicine is delivered at a floor one below than the floor at which Stationery is delivered.
(d) Cosmetics is delivered at a floor one below than the floor at which Book is delivered.
73. Which one of the following is an acceptable assignment of parcels to the floors in the building, in order from floor 1 through 7?
- (a) Medicine, Clothes, Cosmetics, Chocolate, Book, Grocery, Stationery
(b) Stationery, Cosmetics, Chocolate, Clothes, Book, Medicine, Grocery
(c) Stationery, Clothes, Book, Chocolate, Grocery, Medicine, Cosmetics
(d) Medicine, Cosmetics, Grocery, Chocolate, Clothes, Book, Stationery
74. If Cosmetics is delivered at floor 2, which one of the following must be true?
- (a) Medicine is delivered at a lower numbered floor than Chocolate.
(b) Chocolate is delivered at a lower numbered floor than Grocery.
(c) Grocery is delivered at a lower numbered floor than Stationery.
(d) Clothes are delivered at a lower numbered floor than Grocery.
75. If Cosmetics is delivered on floor 5, which one of the following is a pair of parcels that could be delivered, not necessarily in the order given, at floors whose numbers are consecutive to each other?
- (a) Book, Grocery
(b) Clothes, Chocolate
(c) Stationery, Grocery
(d) Book, Stationery
76. If Book is delivered at one floor below the floor at which Medicine is delivered, then which one of the following must be true?
- (a) Cosmetics is delivered on the fifth floor.
(b) Medicine is delivered on the third floor.
(c) Stationery is delivered on the first floor.
(d) Clothes are delivered on the fifth floor.
77. It must be true that the lowest numbered floor on which:
- (a) Book can be delivered on the third floor.
(b) Medicine can be delivered on the second floor.
(c) Cosmetics can be delivered on the third floor.
(d) Grocery can be delivered on the second floor.

Directions (Q. 78 – Q. 81): Read the following information carefully to answer the following questions.

- I. 'X + Y' means that 'X is the mother of Y'.
- II. 'X Y' means that 'X is the sister of Y'.
- III. 'X × Y' means that 'X is the father of Y'.
- IV. 'X ÷ Y' means that 'X is the brother of Y'.
78. If it is given 'B + D × M ÷ N', then how is M related to B?
- (a) granddaughter (b) son
(c) grandson (d) daughter
79. Which of the following represent 'J is the son of F'?
- (a) $J \div R - T \times F$ (b) $J + R - T \times F$
(c) $J \div R - N \times F$ (d) none of these
80. Which of the following represent 'R is the niece of M'?
- (a) $M \div K \times T - R$ (b) $M - J + R - N$
(c) $R - M \times T \div W$ (d) $M + T \times K \div R$
81. If it is given 'B × D M', then which of the following is true?
- (a) B is the brother of M
(b) B is the sister of M
(c) B is the uncle of M
(d) B is the father of M

Direction (Q. 82 – Q. 86): Read the given information carefully and answer the following questions.

Vidya, Umesh and Tanu are sitting around a circular table. Arun, Bina and Chetan are sitting around the same table but two of them are not facing the centre (they are facing the direction opposite to the centre). Vidya is second to the left of Chetan. Umesh is second to the right of Arun. Bina is third to the left of Tanu. Chetan is second to the right of Tanu. Arun and Chetan are not sitting together.

82. Which of the following is not facing the centre?
- (a) Bina & Arun (b) Chetan & Vidya
(c) Bina & Chetan
(d) Arun & Umesh

83. Which of the following is the position of Tanu in respect of Bina?
- third to the right
 - second to the right
 - third to the left
 - third to the left & right, both
84. What is the position of Vidya in respect of Chetan?
- second to the right
 - third to the left
 - fourth to the right
 - fourth to the left
85. Which of the following statement is correct?
- Arun, Bina and Chetan are sitting together
 - Vidya, Umesh and Tanu are sitting together
 - Only two people are sitting between Vidya and Tanu
 - Those who are not facing the centre are sitting together
86. What is the position of Arun in respect of Umesh?
- second to the left
 - second to the right
 - third to the right
 - none of these

Directions (Q. 87 & Q. 88): In each of the following questions is given a statement followed by two conclusions. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of these logically follows beyond reasonable doubt from the given information.

Give answer

- If only Conclusion I follows
 - If only Conclusion II follows
 - If both Conclusions I and II follow
 - If neither Conclusion I nor II follows
87. **Statement** – The use of non-conventional sources of energy will eliminate the energy crisis in the world.
- Conclusion I** – Modern technology is gradually replacing the conventional source of energy.
- Conclusion II** – The excessive exploitation of environment has led to the depletion of conventional source of energy.
88. **Statement** – Computer advertisements now fill magazine pages but the real computer revolution in India is taking place quietly and is a likely organisation of Government.
- Conclusion I** – Both the Central and State Government are computerizing rapidly.
- Conclusion II** – The Government does not fill the magazine pages with its computer advertisements.

Direction (Q. 89 – Q. 90): Each of these questions consists of a pair of words bearing a certain relationship. From among the options, find out the one that best illustrates a similar relationship.

89. LOM : NMK :: PKI : ?
- RIG
 - RIH
 - SHG
 - RHG
90. ABCD : OPQR :: WXYZ : ?
- EFGH
 - STUV
 - KLMN
 - QRST

Direction (Q. 91 – Q. 100): Find the one that does not belong to the group.

- GMS
 - EKQ
 - JOU
 - LRX
92. (a) RARCOT (b) NIATCRU
- (c) BACGEBA (d) ILBJARN
93. If in a certain code language 'TEMPERATURE' is written as 'BZQDYXVBNXZ', then how will 'RAMP' be written in that language?
- XVQD
 - XVDQ
 - XQVD
 - XDVQ
94. In a certain coding system, 'JUNE' is written as 'PQRS' and 'AUGUST' is written as 'WQFQMN'. How will 'GUEST' be written in that coding language?
- FQTMN
 - FPSMN
 - FQSMN
 - FQSNM
95. A clock is set right at 5 am. The clock loses 16 minutes in 24 hours. What will be the right time when the clock indicates 10 pm on the 3rd day?
- 11:15 pm
 - 11 pm
 - 12 pm
 - 12:30 pm
96. The minute hand of a clock overtakes the hour hand at intervals of 65 minutes of the correct time. How much does a clock gain or lose in a day?
- $10\frac{10}{143}$ minutes (gain)
 - $10\frac{10}{143}$ minutes (loss)
 - $9\frac{10}{143}$ minutes (gain)
 - $9\frac{10}{143}$ minutes (loss)
97. If a day before yesterday was Tuesday, then what day of the week will it be on a day after tomorrow?
- Monday
 - Wednesday
 - Friday
 - Saturday
98. If 15th August, 2017 was Tuesday, then what day of the week was it on 17th September, 2017?
- Sunday
 - Saturday
 - Friday
 - Thursday

99. Tia and Renu both are walking away from point 'X'. Tia walked 3 m and Renu walked 4 m from it, then Tia walked 4 m North of X and Renu walked 5 m South of Tia. What is the distance between them now?

(a) 9.5 m (b) 9 m
(c) 16 m (d) 11.40 m

100. Tanaya travelled 4 km straight towards South. He turned left and travelled 6 km straight, then turned right and travelled 4 km straight. How far is he from the starting point?

(a) 8 km (b) 10 km
(c) 12 km (d) 18 km

Directions (Q. 101 – Q. 105): Read the following short passages and choose the best answers to the questions that follow each passage.

101. Therapists have just completed an extensive study of recently delinquent juveniles in order to determine which factors contributed most to the delinquency. The researchers found that in a great majority of the cases of delinquency, the parents met, on average, fewer than 4 times per week with their children. From this data, the therapists have determined that a failure to spend time together with the children is a major factor leading to delinquency.

Which one of the following, if true, would cast the most doubt on the researcher's hypothesis?

- (a) Parents and children in the study who reported that they met each other more than four times per week also indicated that they tended to perceive their relationships as healthy.
(b) In many cases, people in an unhappy family tend to express their displeasure by avoiding contact with each other when possible.
(c) Most of the families in the study who were unable to meet often with each other worked outside of the home.
(d) Many families who have a long and strong family bonding met each other fewer than four times per week.
102. Several coaching centres have recently switched at least partially from study material written by hand on printer paper from study material written on a computer and sent electronically with no use of paper at all. Therefore, less printer paper will be used as a result of these changes than would have been used if these coaching centres had continued to use handwritten study materials.

Which of the following, if true, most strengthens the argument above?

- (a) The amount of printer paper needed to explain the electronic study material is less than the amount that would have been used for handwritten material.
(b) Coaching centres that used more printer paper were more likely to switch to electronic materials than centres that used less printer paper.
(c) Some of the Institutes that have switched at least partially to electronic study material

still primarily used printer paper for other operations.

- (d) More printer paper was used to create manuals for the use of electronic study materials than was used to write handwritten materials.

103. In visual media, it's possible to induce viewers to project their feelings onto characters on the screen. In one study, a camera shot of a girl's face was preceded by images of a still river. The audience thought the girl's face registered contentment. When the same girl's face was preceded by images of a mighty and violent tsunami wave, the audience thought the girl's face registered fear. Media news teams must be careful to avoid such manipulation of their viewers.

Which of the following is best supported by the information in the passage?

- (a) The technique for manipulating audiences described in the passage would also work in an audio program that played dramatic music.
(b) Audiences should strive to be less gullible.
(c) Images of a still river engendered feelings of happiness in the audiences.
(d) The expression on the woman's face was, in actuality, blank.

104. Although measuring the productivity of outsourced workers is a complex endeavor.

Company X, which relies heavily on outsourced workers, must find ways to assess the performance of these workers. The risks to a company that does not review the productivity of its human resources are simply too great. Last year, Company Y was forced into receivership after its productivity declined for three consecutive quarters.

The clauses in Italics in the above paragraph play which of the following roles in the argument above?

- (a) The first clause in Italics express a position, and the second warns against the adoption of that position.
(b) The first clause in Italics represents the author's conclusion, and the second supports the conclusion with an analogy.
(c) The first clause in Italics states the author's premises, and the second states the author's conclusion.

- (d) The first clause in *Italics* provides background information, and the second offers evidence to contradict that information.

105. A telephonic poll conducted in two states asked respondents whether they get adequate water during summers. Ninety-nine percent of respondents said their houses were having running water through-out the day. The pollsters published their findings, concluding that ninety-nine percent of all homes in India have adequate water for use.

Which of the following most accurately describes a questionable technique employed by the pollsters in drawing their conclusions?

- (a) The pollsters conducted the poll by telephone, thereby relying on the veracity of respondents.
(b) The pollsters never defined the term "adequate" in terms of a specific quantity of water.
(c) The pollsters didn't visit respondent's houses in person, so no measure of adequacy of water during summers in a subject's house was actually made.
(d) The poll assumes conditions in the two states are representative of the entire country.

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Answer Key

Section – A: English

1. (b)	2. (a)	3. (d)	4. (c)	5. (b)	6. (b)	7. (a)	8. (d)	9. (c)	10. (a)
11. (d)	12. (c)	13. (a)	14. (c)	15. (a)	16. (d)	17. (d)	18. (b)	19. (c)	20. (d)
21. (d)	22. (a)	23. (b)	24. (c)	25. (a)	26. (d)	27. (a)	28. (d)	29. (d)	30. (c)
31. (d)	32. (a)	33. (d)	34. (b)	35. (a)					

Section – B: General Knowledge and Current Affairs

36. (a)	37. (b)	38. (a)	39. (c)	40. (d)	41. (b)	42. (a)	43. (d)	44. (b)	45. (d)
46. (d)	47. (b)	48. (c)	49. (c)	50. (a)	51. (a)	52. (d)	53. (b)	54. (d)	55. (a)
56. (c)	57. (b)	58. (c)	59. (b)	60. (d)	61. (a)	62. (c)	63. (a)	64. (d)	65. (b)
66. (c)	67. (a)	68. (d)	69. (c)	70. (c)					

Section – C: Logical Reasoning

71. (c)	72. (b)	73. (d)	74. (a)	75. (c)	76. (b)	77. (d)	78. (c)	79. (d)	80. (b)
81. (d)	82. (c)	83. (d)	84. (c)	85. (d)	86. (a)	87. (d)	88. (a)	89. (a)	90. (c)
91. (c)	92. (b)	93. (a)	94. (c)	95. (b)	96. (a)	97. (d)	98. (a)	99. (d)	100. (b)
101. (b)	102. (a)	103. (c)	104. (b)	105. (d)					

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ALL INDIA LAW ENTRANCE TEST

SOLVED PAPER 2020

Answers with Explanation

SECTION – A: ENGLISH

1. Option (b) is correct.

Refer to the lines of the first paragraph: "...and many of the relevant documents from the sixteenth and seventeenth centuries focus selectively on matters relating to military or commercial interests." From this line, it is clear that by 'documentary record,' the author refers to the government and commercial records of the past that recorded events and conditions of that time. Option (a) is out of scope because the passage does not specifically mention current historians.

2. Option (a) is correct.

The example has been provided to support the hypothesis of the author that, with the help of studies of fossilized pollen, we can get a much better understanding of the development of the Gangetic Valley Plains. The author says analysis of samples from a bay in Jammu has revealed significant patterns of cereal grains pollens beginning by about the fourth century. Prior to this finding, it was believed that cereal cultivation was not possible until the seventh century because the level of tiling required to cultivate cereal grains was possible only after the introduction of the wooden plough. Pollen analyses have provided evidence against this view.

3. Option (d) is correct.

Refer to the line: "...led some historians to surmise that this plant was being cultivated in Jammu before the sixteenth century." This clearly makes option (d) the correct answer.

4. Option (c) is correct.

The claim in the second paragraph is that analysis of fossilised pollen samples can identify which kinds of plants produced the preserved pollen grains and when they were deposited, and in many cases, the findings can serve to supplement or correct the documentary record. But in the last paragraph, the author claims that there are some limitations to the use of pollen

analysis. One of these limitations is that pollen analysis reveals only the family of the plant and not the exact species.

5. Option (b) is correct.

The main point of this passage is to claim that through pollen analysis, even though it is limited, many beliefs regarding the change in the Irish landscape can be corrected or modified. Option (a) is an extreme option, so it is ruled out.

6. Option (b) is correct.

Abnegation means the action of renouncing or rejecting something, self-denial. Example: "People are capable of abnegation and unselfishness." Indulgence means the state or attitude of being indulgent or tolerant, luxury. Example: "She regarded his affairs with a casual, slightly amused indulgence." Adoption means the action or fact of legally taking another's child and bringing it up as one's own, the action or fact of choosing to take up.

7. Option (a) is correct.

Blandishment means a flattering or pleasing statement or action used as a means of gently persuading someone to do something, cajolery. Example: "The blandishments of the travel brochure."

8. Option (d) is correct.

Obdurate means stubbornly refusing to change one's opinion or course of action, recalcitrant. Example: "I argued this point with him, but he was obdurate." 'Callous' refers to someone unconcerned or insensitive to other people's opinions. Obdurate and callous are synonyms.

9. Option (c) is correct.

The sentence makes complete sense with option (c). The correct sentence is: The road repairs damaged in the storm might delay traffic.

10. Option (a) is correct.

The sentence gets its intended meaning from option (a). The correct sentence is: All the bijouterie taken from the jeweller has now been recovered.

11. Option (d) is correct.

The only option that expresses the intended meaning of the sentence is, option (d). The correct sentence is: The admonition given to the players about their behaviour on the pitch was ignored.

12. Option (c) is correct.

The easiest part of speech to identify is "adjective." The only option with the combination 3-a is option (c). Hence, it is the correct answer.

Noun: It refers to a word that indicates the name of a person, place, thing, or animal. 'There is a road at the back of this theatre.' Here, 'back' is a noun.

Adverb: It refers to a word that is used to modify a verb, an adjective, or another adverb. 'She has come back from America'. Here, 'back' is used to modify the verb 'come'.

Adjective: It refers to a word that is used to describe nouns. 'The back portion of the house is in dilapidated condition.' Here, 'back' has been used to describe the noun, 'portion'.

"Verb" refers to a word that is used to indicate the action performed by the subject. 'In a coalition government, a number of parties back the single largest party to form the government.' Here, 'back' indicates the action performed by the noun.

13. Option (a) is correct.

The easiest part of speech to identify is "adjective," "near relative."

1. Adjective: It refers to those words that describe a noun. 'Lajwanti is a near relative of mine.' Here, 'near' has been used to describe the noun 'relative'.

2. Verb: It refers to those words that indicate the action performed by the subject. 'I am nearing the end of the given work'. Here, 'nearing' has been used to indicate the action performed by the subject.

3. Adverb: It refers to those words that modify verbs, adjectives, and other adverbs. 'Draw near while I speak to you'. Here, 'near' has been used to modify the verb, 'draw'.

4. Preposition: It refers to those words that denote the position or location of the noun. 'There is a mango tree near our house'. Here, 'near' has been used to indicate the position or location of the mango tree.

14. Option (c) is correct.

All the sentences show a change in voice except for sentence (c). Sentence (c) shows the transition of

a sentence from direct speech to indirect speech. Hence, it is the odd one out.

15. Option (a) is correct.

The odd sentence is sentence (A), because sentence (A) has been transformed from a complex sentence to a compound sentence. The rest of the sentences are transformed from compound to complex sentences.

16. Option (d) is correct.

Sentence (D) is the odd one out because there is not much difference between the first and the second sentence. Hence, the second sentence should state that "my errand is known to you".

17. Option (d) is correct.

Sentence A uses the incorrect pronoun "its" for Mr. Sharma in place of "his." In Sentence B, the usage of the word "advice" is incorrect, it should be "advise." Because the sentence requires a verb, but "advice" is a noun and "advise" is a verb. Sentence C: "Colt" is a male young horse, while "Mare" refers to a female horse. The (D) is a grammatically correct statement.

18. Option (b) is correct.

Sentence A is incorrect because of the incorrect usage of the preposition "in", It has to be "into." Sentence C is also incorrect. The correct idiomatic expression is "set at naught," which means to treat something as unworthy of respect or consideration. Sentence B is grammatically correct.

19. Option (c) is correct.

Sentence A is incorrect because we use 'all of' when the following word is a pronoun. But 'reptiles' is not a pronoun. Sentence B has an error of tense. Sentence C is grammatically correct. Sentence D should be : The coffee in this coffee shop is the best one in this/the town.

20. Option (d) is correct.

Sentence A is incorrect because in the latter half of the sentence, it should be "but you wouldn't think he had one." Sentence B is incorrect because "supposing" is incorrect; we don't use suppose in progressive form. It should be "suppose." Moreover, use of a hyphen is also incorrect, it should be a comma. Sentence C is incorrect because of the incorrect preposition "about", It should be concerned with the working conditions. Sentence D is grammatically correct.

21. Option (d) is correct.

Sentence A is incorrect because the use of "because" and "so" is redundant. So, delete "so" to make the sentence correct. Sentence B is incorrect because, to indicate the address, with streets we use the preposition "at." Sentence C should be: He'd left his papers all around the room. Sentence D is grammatically correct.

22. Option (a) is correct.

Sentence B should be: Competition entries must be received before 12.00 on August 10th August. In sentence C it should read: "What were you thinking" because this asks for details about the matter that's being thought. In other words, you know (or think you know) that the person is thinking about X, and you want to know the details. For example, you know (or think) the person is devising a plan, and you want the specifics. In sentence D, we should replace "do you care" with "do you mind." Sentence A is grammatically correct.

23. Option (b) is correct.

This question tests a student's understanding of phrases and idioms. Purple patches mean a run of success or good luck. Example: "People expect me to score in every game now that I've hit a purple patch."

24. Option (c) is correct.

This question tests a student's understanding of phrases and idioms. French leaves are an informal, hasty, or secret departure. Example: The official story is that he's sick, but I think he's just taking French leave.

25. Option (a) is correct.

This question tests a student's understanding of phrases and idioms. To hang out to dry refers to deserting someone in a troubling situation. Example: He says he's my friend, but then he totally hung me out to dry in that meeting! Not one word of support as the boss tore into me! Hence, the correct answer is option (a).

26. Option (d) is correct.

This question tests a student's understanding of phrases and idioms. Down to the wire is used to denote a situation whose outcome is not decided until the very last minute. Example: "It was probable that the test of nerves would go down to the wire."

27. Option (a) is correct.

This question tests a student's understanding of phrases and idiomatic expressions. "Let in on" means to allow someone to know or share something secret or concealed. Example: "I wish someone would let me in on the joke." Bring in means to introduce a new law or product. Example: "We have brought in reforms to ensure we have a fair system." Put (something) down to (something else) means to think that a problem or situation is caused by a particular thing. Example: I put the children's bad behavior down to the fact that they were tired. Shoot down means to reject, foil, or disappoint the aspirations of someone or something, or bring something down by gunfire. Example: The committee shot down our plans for a new apartment block. In the given sentence, it says, "If I tell you the secret." In the given context, the best phrase is "let in on."

28. Option (d) is correct.

This question tests a student's understanding of phrases and idioms. Put (something) down to (something else) means to think that a problem or situation is caused by a particular thing. Example: I put the children's bad behavior down to the fact that they were tired. Gather up means to take and lift upward, lift up, pick up, or collect or assemble certain things. Example: I gathered the plates up and brought them into the kitchen. "Come in for" means receive or be the object of a reaction, typically a negative one. Example: "He has come in for a lot of criticism." Put up with means to endure without complaint. Example: We had to put up with the inconvenience. In the given sentence, the context demands a word that intends that one has to bear something. The expression "put up with" fits best here.

29. Option (d) is correct.

This question tests a student's understanding of phrases and idioms. Flick through means to look quickly at the pages of a magazine, book, etc. Example: I've had a flick through their brochure, and it looks quite interesting. Put (something) down to (something else) means to think that a problem or situation is caused by a particular thing. Example: I put the children's bad behaviour down to the fact that they were tired. Take on means to engage an employee, be willing or ready to meet an adversary, or undertake a task or responsibility, especially a difficult one. Example: "Whoever takes on the trout farm will have their work cut out for them." See through means to provide one with the necessary resources or support to complete something or reach the end of a period of time. Example: The crops we've grown so far should see us through the winter. In the given question, the best-fitting expression is "to put down to".

30. Option (c) is correct.

Viscous means having a thick, sticky consistency between a solid and a liquid. Ossified means having become rigid or fixed in attitude or position. Copious means abundant in supply or quantity. This question requires a word that qualifies atmosphere. 'Rarefied' refers to a high altitude consisting of low pressure and thin air. It is the best word to fill in the blank.

31. Option (d) is correct.

Reticence is a quality of being reticent; to be reserved. Quiescence means inactivity or dormancy. Verisimilitude means the appearance of being true or real. Tribulation means a cause of great trouble or suffering. This question needs a word that qualifies experience. Since the sentence states one family's struggle has been epitomized. The best word that fits in this context is "tribulation."

32. Option (a) is correct.

'Venerable' refers to something distinguished and esteemed. Specious means superficially plausible, but actually wrong. Prosaic means lacking imagination or originality. Humble means having or showing a modest or low estimate of one's importance. The sentence is: "The Pyramid of Giza is more than just edifice. The blank needs an adjective to qualify "edifice." The word that can fill the blank aptly is "venerable".

33. Option (d) is correct.

Bovine means slow or stupid in the way that a cow is thought to be. Atavistic means relating to or characterized by a reversion to something ancient or ancestral. Olfactory means relating to the sense of smell. Noisome means having an extremely offensive smell. In the given sentence, the clue is "stench", thus the word that can fill in the blank is "noisome."

34. Option (b) is correct.

Languid means having or showing a disinclination for physical exertion or effort. Bellicose means demonstrating aggression and a willingness to fight. Diminutive means extremely or unusually small. Phlegmatic means having an unemotional and stolidly calm disposition. The sentence requires a word that is a synonym for irascible. The word that is a synonym of irascible is "bellicose."

35. Option (a) is correct.

Astute means mentally sharp or clever. Prolific means producing many works. Maladroit means inefficient, inept, or clumsy. Florid means excessively intricate or elaborate. The sentence needs an adjective to express that the person, in spite of all his efforts, was not a good communicator. The best word to fill in the blank is maladroit.

SECTION – B: GENERAL KNOWLEDGE AND CURRENT AFFAIRS

36. Option (a) is correct.

Bru Settlement is regarding Bru refugee crisis and it was entered between Central Government, with the State governments of Tripura, Mizoram and Reang Tribe. A quadripartite agreement was signed in January 2020. According to the provisions of the pact, the Home Ministry has committed to incur the whole expenditure of settlement in Tripura.

37. Option (b) is correct.

The movie "Parasite" (South Korean film) won the Best Picture at the 92nd Academy Awards 2020. It became the first non-English language film to win the Best Picture. Parasite is a 2019 South Korean black comedy thriller film directed by Bong Joon-ho.

38. Option (a) is correct.

Kerala topped the Sustainable Development Goal (SDG) India Index 2019 with a score of 75 followed by Himachal Pradesh with 69 points. Andhra Pradesh, Tamil Nadu and Telangana shared the third spot with each state scoring 67 on the Index. Bihar was adjudged the worst performer on Niti Aayog's Sustainable Development Goals India Index with the lowest score of 50. Among the Union Territories, Chandigarh has topped the list with the score of 70 followed by Puducherry with 66.

39. Option (c) is correct.

The Blue Dot Network (BDN) is an initiative formed by the US, Japan and Australia on 4th November 2019 to grade the infrastructure projects in terms

of debt, environment safety, labour standards, etc. It is expected to serve as a globally recognised evaluation and certification system with a focus on the Indo-Pacific region.

40. Option (d) is correct.

'Padma Vibhushan' is awarded for exceptional and distinguished service; 'Padma Bhushan' for distinguished service of high order and 'Padma Shri' for distinguished service in any field. The awards are announced on the occasion of Republic Day every year. In total, 7 persons were awarded the Padma Vibhushan, in the year 2020, namely, George Fernandes (posthumously), Arun Jaitley (posthumously), Anerood Jugnauth, M. C. Mary Kom, Chhannulal Mishra, Sushma Swaraj (posthumously), Sri Vishveshateertha Swamiji Sri Pejavarada Adhokhaja Matha Udupi.

41. Option (b) is correct.

'Statue of Unity' from India is included in the SCO list of eight wonders of the world. Other wonders of SCO are as follows, Kazakhstan — the Archaeological Landscape of Tamgaly, China — The Daming Imperial Palace Complex, Kyrgyzstan — Lake Issyk-Kul, Pakistan — The Great Mughals' heritage at Lahore, Russia — The Golden Ring cities, Tajikistan — The Palace of Nowruz and Uzbekistan — the Poi Kalon complex.

42. Option (a) is correct.

Among the given statements on Bond Yields, only II and IV are true. When the economy is

in recession, the Bond Yields usually tends to decrease. When the Bond price increases, then Bond Yield decreases. A bond's yield is the return an investor expects to receive each year over its term to maturity.

43. Option (d) is correct.

Brundtland Report first-ever talked about the concept of 'Sustainable Development'. In 1987, the United Nations Brundtland Commission defined sustainability as "meeting the needs of the present without compromising the ability of future generations to meet their own needs."

44. Option (b) is correct.

Civil liberties are the main reason for India's sliding ranking in Global Democracy Index 2019. This Index is based on 60 indicators grouped in five different categories, measuring pluralism, civil liberties, and political culture. The index categorises each country into one of four regime types: full democracies, flawed democracies, hybrid regimes, and authoritarian regimes.

45. Option (d) is correct.

The female skeleton 16614 recovered from Rakhigarhi has revealed that the people in the Indus Valley Civilisation had an independent origin. This study negates the theory of the Harappans having ancient Iranian farmer ancestry.

46. Option (d) is correct.

Tishreen Revolution of 2019 is regarding corruption, unemployment, inefficient public services and to stop Iranian intervention in Iraq. In October 2019, mass demonstrations engulfed Baghdad and southern Iraq. Iraqis demanded for jobs, better services, and decent living conditions.

47. Option (b) is correct.

The term Cytokine Storm is related to the human body's immune system. It can occur as a result of an infection, autoimmune condition, or after treatment with some types of immunotherapy. Symptoms include high fever, redness and swelling, and severe fatigue and nausea.

48. Option (c) is correct.

Extradition law was the main reason of people's protest in Hong Kong in 2019-20. It was a series of demonstrations against the introduction of a bill to amend the Fugitive Offenders Ordinance in regard to extradition.

49. Option (c) is correct.

Among the given statements, option C is the correct answer because statements I and II are not true regarding the Organisation of Islamic Cooperation

(OIC). India is not an observer to OIC. The observer states are Bosnia and Herzegovina, Central African Republic, Kingdom of Thailand, The Russian Federation and Turkish Cypriot State. The Organisation of Islamic Cooperation is an alliance of 56 countries. Occasionally, members would also be admitted in which Muslims are only a minority but play a significant role for the country.

50. Option (a) is correct.

Ravish Kumar won the Ramon Magsaysay Award 2019 for Journalism at a ceremony held in Manila. He was associated with NDTV. He was awarded for "harnessing journalism to give voice to the voiceless" and his "unflinching commitment to a professional, ethical journalism of the highest standards".

51. Option (a) is correct.

Allama Mohd. Iqbal is the writer of the patriotic song "Saare Jahan Se Accha". It is formally known as "Taranah-e-Hindi". It is an Urdu language patriotic song for children.

52. Option (d) is correct.

Apple started a credit card named "Apple Card" in collaboration with Goldman Sachs. It was designed primarily to be used with Apple Pay on Apple devices like iPhone, iPad and others. At present, it is available only in the US.

53. Option (b) is correct.

India signed the Singapore Convention on Mediation in 2019 regarding cross-border commercial disputes. This convention is a positive development for mediation of cross-border disputes.

54. Option (d) is correct.

The Administrator, appointed by the President, is not the constitutional head of the Union Territory. According to the provisions of Article 239 of the Indian Constitution, the President of India is the chief administrator of the Union Territories. An administrator of the Union Territory is an agent of the President and not the head of state like the Governor.

55. Option (a) is correct.

Nine Dash Line is located in the South China Sea. This line encompasses approximately 90 per cent of the South China Sea. This line was adopted from Chinese maps in the 1940s, and represents Beijing's claim over the sea.

56. Option (c) is correct.

The duration of the Solar Cycle is 11 years. It is also known as the solar magnetic activity cycle, sunspot

cycle, or Schwabe cycle. The solar cycle affects activity on the surface of the Sun. As the magnetic fields change, so does the amount of activity on the Sun's surface.

57. Option (b) is correct.

Vienna (99.1) has been declared the Most Liveable City in 2019. Next in the list were Melbourne (98.4), Sydney (98.1), Osaka (97.7), Calgary (97.5), Vancouver (97.3), Tokyo and Toronto (97.2), Copenhagen (96.8) and Adelaide (96.6).

58. Option (c) is correct.

The Central Board of Secondary Education has collaborated with Intel for developing Artificial Intelligence (AI) based tools for learning in schools. Intel launched AI For All initiative with the purpose of creating a basic understanding of artificial intelligence.

59. Option (b) is correct.

Greta Thunberg said, "How dare you? You have stolen my dreams, my childhood with your empty word." Greta Thunberg is a Swedish environmental activist and she is known for challenging world leaders to take immediate action for climate change mitigation.

60. Option (d) is correct.

Sound cannot travel through vacuum as particles are not present for vibrations to take place. Sound, a mechanical wave, needs some medium or material for its propagation. Vacuum is an empty space where no matter particle is present.

61. Option (a) is correct.

Protein is the chemical component which is found in most of the virus. A virus is an infectious microbe which consists of a segment of nucleic acid (RNA or DNA) surrounded by a protein coat.

62. Option (c) is correct.

Ajanta Caves depict paintings and sculptures from Jataka tales. Ajanta caves are around 30 rock-cut Buddhist caves located in the Aurangabad district of Maharashtra. These caves are regarded as masterpiece of Buddhist religious art. Since 1983, the Ajanta caves have been a UNESCO World Heritage Site. Jataka tales are concerned with the previous births of Gautama Buddha in both human and animal form.

63. Option (a) is correct.

In October 2019, a law to criminalise fake news came into effect in Singapore. This law will give the Government powers to order social media sites to block and remove 'fake' content from

the platforms. In case the posts are found to be provocative or malicious, the offender could face a jail term up to 10 years or fines up to S\$1 million.

64. Option (d) is correct.

'Singularity' is the centre of the Black Hole, which contains a huge mass in an infinitely small space, where density and gravity become infinite. American physicist Kip Thorne describes it, it is "the point where all laws of physics break down".

65. Option (b) is correct.

Om Birla has been elected as the Speaker of the 17th Lok Sabha. He is a Member of Parliament from Kota-Bundi constituency in Rajasthan. Prior to parliament, he was elected thrice to the assembly of Rajasthan.

66. Option (c) is correct.

Chandrani Murmu became the youngest ever elected Member of Parliament in India. She was elected as Biju Janata Dal (BJD) candidate from the Keonjhar seat. She replaced Dushyant Chautala as the youngest parliamentarian.

67. Option (a) is correct.

Pinaki Chandra Ghose was appointed India's first Lokpal. He served from 23 March 2019 to 27 May 2022. He is a retired judge of the Supreme Court of India.

68. Option (d) is correct.

Abiy Ahmed Ali, the Prime Minister of Ethiopia declared the winner of the Nobel Peace Prize, 2019. He won Nobel Prize for his efforts to achieve peace and international cooperation, and in particular for his decisive initiative to resolve the border conflict with neighbouring Eritrea.

69. Option (c) is correct.

The Neelakurinji flower, which grows after a period of 12 years, grows in the Western Ghats. Its scientific name is *Strobilanthes kunthiana*. Nilgiri Hills become blue due to presence of purplish-blue flower.

70. Option (c) is correct.

'Pink Tax' is the name of the phenomenon wherein women pay more for women specific goods and services. It is the extra amount women are charged on products explicitly marketed toward them.

SECTION – C: LOGICAL REASONING

[Instruction for Ans. 71 – 81]

71. Option (c) is correct.

According to the given statements,

Possible arrangements for the maximum possible gap between the floor at which medicine and grocery delivery is as follows:

7	6	5	4	3	2	1
Stationary	Grocery	Cosmetics	Chocolates	Books	Clothes	Medicine
Grocery	Books	Clothes	Chocolates	Cosmetics	Medicine	Stationary

So, maximum floor possible = 4

72. Option (b) is correct.

According to the given statements, 'Book is delivered at a floor one below than the floor at which cosmetics is delivered could be true.

73. Option (d) is correct.

Acceptable assignment,

1	2	3	4	5	6	7
Medicine	Cosmetics	Grocery	Chocolates	Clothes	Books	Stationary

74. Option (a) is correct.

If cosmetics is delivered at the 2nd floor, then medicine is delivered at a lower numbered floor than chocolates.

75. Option (c) is correct.

As per the arrangement shown in Q. 75, if cosmetics is delivered on floor 5, then stationary and grocery are scheduled at the 7th and 6th floors.

76. Option (b) is correct.

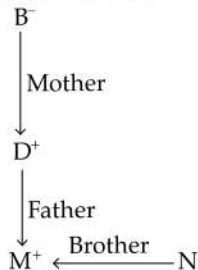
If books are delivered at one floor below the floor on which medicine is delivered, then medicine is delivered on the third floor.

77. Option (d) is correct.

The lowest numbered floor on which the grocery can be delivered is the second floor.

78. Option (c) is correct.

As per the given instruction:

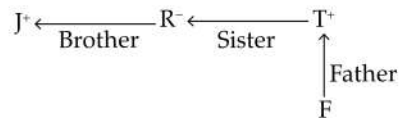


As shown in the above diagram, M is the grandson of B.

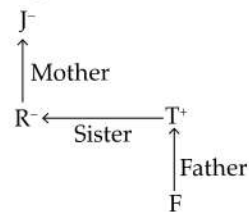
79. Option (d) is correct.

As per the given instruction,

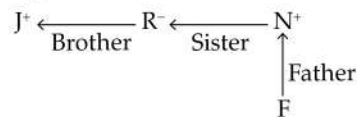
Option a:



Option b:

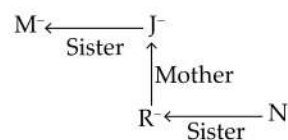


Option c:



So, none of the options show that J is the son of F.

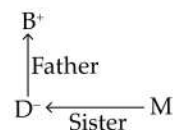
80. Option (b) is correct.



So, as shown in the above diagram, R is the niece of M.

81. Option (d) is correct.

As per the given instruction,

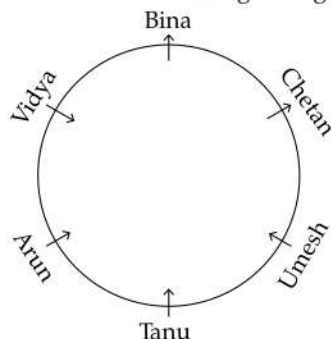


As shown in the above diagram, B is the father of M.

[Instructions for Ans 82 – 86]

82. Option (c) is correct.

As shown in the sitting arrangement figure,



Bina and Chetan are not facing the centre.

83. Option (d) is correct.

As shown in the sitting arrangement figure, Tanu is sitting 3rd to the left and 3rd to the right as well from Bina.

84. Option (c) is correct.

As shown in sitting arrangement figure, Vidya is fourth to the right of Chetan.

85. Option (d) is correct.

As shown in the sitting arrangement figure, From the given options, 'Those who are not facing the centre are sitting together' is true.

86. Option (a) is correct.

As shown in the sitting arrangement figure, Arun is sitting 2nd to the left of Umesh,

87. Option (d) is correct.

Though the statement talks about the benefits of using non-conventional sources of energy, it does not mention whether non-conventional methods are replacing conventional methods. The statement makes no mention of the excessive use of conventional energy sources. Thus, conclusions (I) and (II) can't be drawn from the statement.

88. Option (a) is correct.

The statement asserts that the real computer revolution in India is taking place quietly and is likely to be organised by the government. From this, we can conclude that the government is computerising rapidly. Conclusion (II) can't be concluded. Hence, the correct answer is option (a).

89. Option (a) is correct.

Given pattern:

$$L + 2 = N$$

$$O - 2 = M$$

$$M - 2 = K$$

$$\text{So, } P + 2 = R, K - 2 = I \text{ and } I - 2 = G$$

Hence, the missing term = RIG

90. Option (c) is correct.

Given pattern:

$$A + 14 = O$$

$$B + 14 = P$$

$$C + 14 = Q$$

$$D + 14 = R$$

$$\text{So, } W + 14 = K, X + 14 = L, Y + 14 = M, Z + 14 = N$$

91. Option (c) is correct.

All groups follow the same pattern except JOU. i.e.,

$$G + 6 \Rightarrow M, M + 6 \Rightarrow S$$

$$E + 6 \Rightarrow K, K + 6 \Rightarrow Q$$

$$L + 6 \Rightarrow R, R + 6 \Rightarrow X$$

But $J + 5 \Rightarrow O, O + 6 \Rightarrow U$ does not follow the same pattern.

92. Option (b) is correct.

All groups follow the same pattern except NIATCRU. i.e.,

$$R + A + R + C + O + T = 18 + 1 + 18 + 3 + 15 + 20 = 75$$

[sum is divisible by 3.]

$$B + A + C + G + E + B + A = 2 + 1 + 3 + 7 + 5 + 2 + 1 = 21$$

[sum is divisible by 3.]

$$I + L + B + J + A + R + N = 9 + 12 + 2 + 10 + 1 + 18 + 14 = 66$$

[sum is divisible by 3.]

$$\text{But } N + I + A + T + C + R + U = 14 + 9 + 1 + 20 + 3 + 18 + 21 = 86$$

[sum is not divisible by 3.]

93. Option (a) is correct.

Given that the code of TEMPERATURE is BZQDYXVBNXZ. i.e.,

Code of T $\Rightarrow$ B, E $\Rightarrow$ Z, M $\Rightarrow$ Q, P $\Rightarrow$ D, etc.

So, CODE for RAMP $\Rightarrow$ XVQD.

94. Option (c) is correct.

Given that the code of JUNE is PQRS. i.e.,
J $\Rightarrow$ P, U $\Rightarrow$ Q, N $\Rightarrow$ R, E $\Rightarrow$ S.

And the code of AUGUST is WQFQMN in the same pattern as shown above.

So, code of GUEST will be FQSMN.

95. Option (b) is correct.

Given, when the actual time is 24 hr, then the shown time is 16 min less, i.e., $23\frac{11}{15}$ hr

Let the actual hour be x when shown hours is 89 hr. i.e., from 5 am to 10 pm on 3rd day.

By using the unitary method,

Actual time Shown time

$$\begin{array}{ccc} 24 \text{ hr} & \xrightarrow{\quad} & 23\frac{11}{15} \text{ hr} \\ X & \xrightarrow{\quad} & 89 \text{ hr} \end{array}$$

$$\Rightarrow x \times \frac{356}{15} = 24 \times 89$$

$$\Rightarrow x = 90 \text{ hr}$$

So, actual time = 5 am + 90 hr = 11 pm

96. Option (a) is correct.

In a correct or regular clock, the minute hand takes fifty-five minutes spaces per sixty minutes. Therefore, the minute hand must gain 60 minutes over the hour hand in order to be together again. Therefore, 60 minutes have been gained in

$$\frac{60 \times 60}{55} = \frac{720}{11}$$

But here, the clock only takes 65 minutes.

Therefore, the gain is given by $\frac{720}{11} - 65 = \frac{5}{11}$

Therefore, the total gain for the day

$$= \frac{5}{11} \times 24 \times \frac{60}{65} = \frac{1440}{143} = 10 \frac{10}{143} \text{ minutes.}$$

97. Option (d) is correct.

Given, the day before yesterday was Tuesday.

So, day after tomorrow = Tuesday + 4 = Saturday

98. Option (a) is correct.

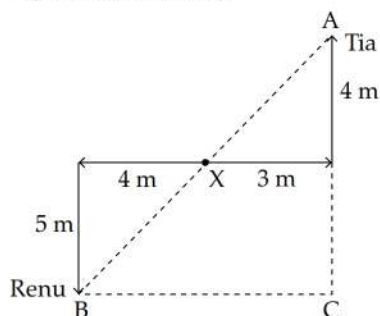
Given that the day on 15 Aug 2017 = Tuesday

So, number of odd days between 15 Aug and 17 Sep = 16 + 17 = 33 days

Actual number of odd days = remainder of $\frac{33}{7} = 5$ days

So, the day on 17 Sep 2017 = Tuesday + 5 = Sunday

99. Option (d) is correct.



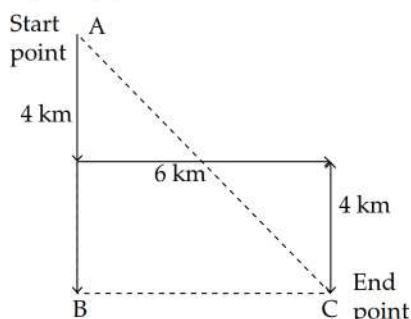
In right angled $\triangle ABC$,

$$AB^2 = BC^2 + AC^2$$

$$AB^2 = 9^2 + 7^2$$

$$AB = \sqrt{130} = 11.40 \text{ m}$$

100. Option (b) is correct.



In right angled triangle ABC,

$$AC^2 = AB^2 + BC^2 = 8^2 + 6^2$$

$$AC = \sqrt{64 + 36} = 10 \text{ km}$$

101. Option (b) is correct.

The argument asserts that the major contributing factor to juvenile delinquency is parents' failure to spend time together with their children. But there is a possibility that family members avoid each other because parents and children are unhappy with each other. This proves that delinquency is not the result of parents not spending enough time with their children, but rather the other way around: when parents and children are unhappy with each other, they tend to spend less time together. This will weaken the argument.

102. Option (a) is correct.

The paragraph argues that less paper will be used than earlier because some of the institutes have partially moved to electronic study material from physical study material. If the amount of paper needed to explain the electronic study material is less than the amount that would have been used for the physical study material, then definitely the use of paper will be reduced. Hence, option (a) will strengthen the argument. The rest of the options will weaken the argument.

103. Option (c) is correct.

The paragraph asserts that we can induce viewers to project their feelings on screen. This is supported by the evidence in a picture of a still river induced a perception of contentment in the audience, whereas the same face, when preceded by a violent tsunami picture, made viewers perceive her expression differently. You have to support this conclusion by selecting a situation when a picture induces a perception of feeling in the audience—option (c) is the correct answer—when a picture of a still river was shown, the audience felt and perceived happiness.

104. Option (b) is correct.

The author of the paragraph asserts that a company must find ways to assess the performance of outsourced workers or else take on heavy risks. This is supported by the evidence stated in the second clause, where company Y went into financial debt due to the low performance of outsourced workers, which was not tracked.

105. Option (d) is correct.

The paragraph mentions that there was a survey conducted in the two states, and the paragraph draws conclusions about the entire country on the basis of the survey conducted in the two states. This is a classic case of generalisation or insufficient sampling. This casts doubt on the technique employed by the pollsters in drawing their conclusions.