

## EPFO Assistant Prelims 2019 Exam - Model Papers PDF -2

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### English Language

**Directions (1-10):** Read the following passages carefully and answer the respective questions given below each of them. Certain words/phrases/sentences have been printed in bold to help you locate them while answering some of the questions.

Nita was recently married and had started living in a joint family with her husband and in-laws. After a few days, she started to realize that she is not able to get along with her mother in law. Nita's mother in law was conservative whereas Nita was liberal with modern lifestyle. Soon they both started quarrelling due to differences in opinions and lifestyle. As days and months passed, none of them changed their behaviour.

Nita became very aggressive over the time and started to hate her mother in law. She started to think about how to get rid of her mother in law. Once, as usual, when she quarrelled with her mother in law, her husband took his mother's side, and she became where angry and left to her father's home. Nita's father was a chemist and she told him about everything that's been happening. Then she pleaded with her father that give her something poisonous, so she can mix it up and give it to her mother in law to get rid of her, else she won't go back to her husband's home.

Nita's father felt **pity** at her situation but told her, “If you give poison to your mother in law, you and I both will end up in jail. It is not the right thing to do”. But,

Nita was in no mood to listen and understand. Finally, her father gave in. He told her, “Ok, as you wish but I don't want to see you in jail, so do as I tell you”. Nita agreed. Her father brought a powder and told her, “**Everyday when you make a lunch or dinner, just mix a little pinch of this powder in your mother in law's meal**, since the quantity will be less, she won't die quickly but will slowly in few months and people will think she has died naturally”.

He also told her, “Because no one should have doubt on you, from today onwards, you will not fight at all with your mother in law but instead you will be very caring towards her, even if she says something which you don't like, you will not be rude; you will simply be polite only”. Nita agreed thinking she will be free from her mother in law's quarrelling in few months and came back to her in-laws and as advised by her father, she started mixing the powder in her mother in law's meals and behaved very caring and polite whenever her mother in law said something.

As time started to pass, Nita's mother in law's nature also started to change. Because Nita was being very caring towards her, she too started to be affectionate towards her. Five months passed and Nita had been mixing the powder but atmosphere of the house was changed. There were no quarrels; both were praising each while talking to neighbours. They got very attached to each other like a mother and daughter. Now, Nita

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started to get worried thinking due to the powder, her mother in law may die soon.

She ran at her father's home and told him, "Dad! Please give me the antidote to cure the effect of that poisonous powder you gave! I don't want to lose my mother in law, she is just like my mom and I love her very much". Her father smiled and said, "Which poison? I had simply given to you a sweetener!"

**1.What can be the most appropriate title for the given passage?**

- a) Developing bonds
- b) Joint family and love
- c) Joint families and associated problems
- d) Tackling problems
- e) None of the above

**2.Which of the following is true in the context of the given passage?**

- a) Nita was an old fashioned typical housewife.
- b) After Nita's quarrel with her mother-in-law, Rohit took his mother's side and this angered Nita.
- c) After Nita argued with her father and insisted on getting some poison, her father gave in and reluctantly provided her a bottle of a strong poison.
- d) After Nita returned to her father's home they both laughed and celebrated as the poison had started its work and her mother-in-law was about to die.
- e) None of the above

**3.Why did Nita leave her husband's home and went to her father's?**

- a) All of these
- b) Because she was unhappy with her husband for taking his mother's side.

- c) Because Nita's father was a chemist and she wanted to get some poison which he had specially prepared for Nita's mother-in-law.
- d) Because she was fed up of fighting with her mother-in-law and was looking for an excuse to leave the house.
- e) None of these

**4.Which of the following is most SIMILAR to 'Antidote' used in the above passage?**

- a) Remedial
- b) Slay
- c) Line
- d) Destroy
- e) None of the above

**5.Which of the following best describes the moral of the story mentioned in the above passage?**

- a) If people are explained, what they otherwise won't understand, by giving them some poison then they understand better and learn life lessons.
- b) Our fathers are the best teachers we can ever have and must always look up to them in times of difficulty in our lives.
- c) In the world around us all people are different in their nature and behaviour and we must understand each other and adjust a little to develop a cordial relationship.
- d) Joint family may have its share of problems but the best bonds develop in joint families only
- e) All of the above

**6.Why did Nita go back to her father after five months?**

- a) The poison that Nita's father had given to her, had not worked and she wanted a more powerful poison to kill her mother-in-law.
- b) Nita was getting desperate and losing her patience. She was finding it difficult to fake good behaviour to her cruel mother-in-law.

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- c) Nita went back to her father to get the antidote about which her father her told her on the phone.
- d) Nita was getting impatient as after being nice to her mother-in-law for five months she had developed a mother-daughter relationship with her and did not want her to die because of the poison.
- e) Both (c) & (d)

**7. Which of the following is most OPPOSITE to 'Pity' mentioned in the above passage?**

- a) Sympathy  
b) Empathy  
c) Apathy  
d) Sadness  
e) None of these

**8. There is line given in BOLD in the above passage. Which of the following most nearly describes the same meaning as the original sentence and contextually fits in correctly?**

- a) Whenever you prepare food , just mix one spoon of this powder in your mother-in-law's meal
- b) When you prepare lunch or dinner daily, add a pinch of this powder in your mother-in-law's food
- c) Everyday make sure your mother-in-law is given good amount of this powder
- d) No day shall pass when your mother-in-law does not get a fist full of this powder including in lunch and dinner.
- e) None of the above.

**9. What was her father's motive behind asking Nita to be nice to her mother-in-law?**

- a) He wanted to teach Nita how to slowly and covertly kill somebody and not get caught.
- b) He wanted Nita to live with her husband happily.
- c) He did not want Nita's mother-in-law to destroy his daughter's home.

- d) He wanted to teach Nita a lesson about bonds and relationships with people having different nature and behaviour than yours.
- e) None of these.

**10. Which of the following is incorrect in the context of the above passage?**

- a) Nita's father knew the difference between a poison and an antidote as he was a chemist.
- b) Nita's father received a call from her husband who desperately wanted to get back with Nita and wanted her father to help him.
- c) Nita's mother-in-law was a conservative woman and hence they quarrelled with each other a lot.
- d) Nita did not like his husband taking his mother's side.
- e) Both (b) & (c)

**Directions (11-15): In each of the following sentence, there are two blank spaces. Below the sentences, there are five options with a pair of words each. Fill up the sentences with the pair of words that make the sentence grammatically and contextually correct.**

**11. The core of the team has \_\_\_\_\_ the same, with John Johnson and Subhasish Bose the only major departures. After defeat in the AFC Cup, BFC has only one \_\_\_\_\_ to focus on.**

- a) Been, hoping  
b) Remained, competition  
c) Stay, game  
d) Both (a) & (b)  
e) None of these

**12. Nandita Das amplifies the liberal voice of the sub-continental icon by \_\_\_\_\_ an artistic distance than \_\_\_\_\_ indulgent or passionate.**

- a) Maintaining, being  
b) Deciding, the  
c) Beholding, having  
d) Holding, the

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e) None of these

13. Then there is the virtuous NRI Parvinder. He falls in pyaar at \_\_\_\_\_ sight with Rumi; knows that he doesn't have a chance in hell yet decides to \_\_\_\_\_ his luck with her.

- a) One, tries
- b) first, pull
- c) one, pull
- d) first, push
- e) none of these

14. The \_\_\_\_\_ for HIV testing as a pre-requisite for obtaining employment or \_\_\_\_\_ health care or education is also prohibited under the HIV/AIDS Act, 2017.

- a) Demand, needing
- b) Requirement, accessing
- c) Pre-requisite, availing
- d) Task, availing
- e) Rule, excessing

15. The Kerala government \_\_\_\_\_ its rejection but the city civil court turned down their \_\_\_\_\_.

- a) Fought, heat
- b) Seek, plea
- c) Had, appeal
- d) Sought, plea
- e) All of these

**Directions (16-20):** In each of the following questions a grammatically correct and meaningful sentence is given and four words are put in BOLD. One of these four words may be misspelt. You have to identify the misspelt word and chose the appropriate option as your answer. If all the words are correctly spelt, then mark 'All Correct' as your answer.

16. The Kerala **administration** **saught** its **rejection** but the city civil court turned down their plea. The **appeal** then reached the Supreme Court

- a) Administration

- b) Saught
- c) Appeal
- d) Rejection
- e) All Correct

17. After three days of a **global** search and rescue **effort**, Commander Abhilash Tomy of the Indian Navy was rescued by a French **shippingvessel** on Monday morning.

- a) Global
- b) Effort
- c) Vessel
- d) Shipping
- e) All Correct

18. The **magistrate** later remanded her in **judicial** custody till October 1. Police **sources** said Ms. Saraswathi would be **logged** in the Salem Women's Prison.

- a) Magistrate
- b) Judicial
- c) Sources
- d) Logged
- e) All Correct

19. **Fishermen** have been warned not to **vanture** out to sea from **Saturday** and those out on deep sea fishing expeditions advised to return to the **coast**.

- a) Fishermen
- b) Vanture
- c) Saturday
- d) Coast
- e) All Correct

20. **Following** the resurgence of the **controversy**, she also accused Mr. Agnihotri of **behavinginappropriately** with her during the making of 2005 film Chocolate.

- a) Following
- b) Behaving
- c) Controversy
- d) Inappropriately
- e) All Correct

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**Direction (21-25):** Read each of the following sentences to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of this part is your answer. If there is no error, mark option (e) as your answer.

**21.** This might not have been surprising, since (A) / for many scholars Pakistan's past, present and future has been (B) / sufficiently determined by and entangled (C) / with the military, or its numerous clandestine acts. (D) / No error. (E)

- a) A
- b) B
- c) C
- d) D
- e) E

**22.** Maharashtra, despite several achievements in healthcare, (A) / does not have enough opportunities (B) for Ayurveda or homoeopathy professionals in the (C) government healthcare delivery systems. (D) / No error. (E)

- a) A
- b) B
- c) C
- d) D
- e) E

**23.** The study was conceptualised in (A) / the state and district levels with (B) / data collected from every (C) / nook and corner of the country. (D) / No error. (E)

- a) A
- b) B
- c) C
- d) D
- e) E

**24.** In 2018, humans performed an average (A) / of 71% of total task hours across 12 industries, (B) / spanning manufacturing, services and high tech, (C) / which are projected to fall to 48%. (D) / No error. (E)

- a) A

- b) B
- c) C
- d) D
- e) E

**25.** "The downward spiral that we have (A) / previously warned about now (B) / seems certain to materialize," (C) / William Zarit, said in a statement. (D) / No error. (E)

- a) A
- b) B
- c) C
- d) D
- e) E

**Directions (6-10):** Rearrange the following five sentences (A), (B), (C), (D) and (E) in the proper sequence to form a meaningful paragraph and then answer the questions given below.

A. The Crane was greedy in nature, so she did what the Wolf asked her to do. When the Wolf felt that the bone was gone, he started to walk away.

B. So away he hurried to the Crane. He was sure that she, with her long neck and bill,

C. "But what about my reward!" called the Crane anxiously. The wolf replied, "Isn't it enough that I let you take your head out of my mouth without snapping it off?"

D. Would easily be able to reach the bone and pull it out. "I will reward you very handsomely", said the Wolf, "if you pull that bone out for me".

E. A Wolf had been feasting too greedily, and a bone had stuck crosswise in his throat. He could get it neither up nor down.

**26.** Which of the following will be the THIRD sentence after the rearrangement?

- a) A
- b) B
- c) C
- d) D

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e) E

27. Which of the following will be the FIRST sentence after the rearrangement?

- a) A
- b) C
- c) E
- d) D
- e) B

28. Which of the following will be the SECOND sentence after the rearrangement?

- a) A
- b) B
- c) C
- d) D
- e) E

29. Which of the following will be the FIFTH sentence after the rearrangement?

- a) A
- b) C
- c) E
- d) D
- e) B

30. Which of the following will be the FOURTH sentence after the rearrangement?

- a) A
- b) B
- c) C
- d) D
- e) E

### Reasoning Ability

**Directions (31-35):** Study the following information carefully and answer the given questions.

Eight friends P, Q, R, S, T, U, V and W, are sitting around a rectangular table in such a way that four of them sit on four corners of the square while four sit in the middle of each of the four sides. Each of them likes different motor bikes, viz Avenger, Pulsar, Suzuki, Yamaha, Karizma, Splendor, Apache and Activa. The ones who sit on the four corners face the centre while those who sit in the middle of the sides face outside, but not necessarily in the same order.

P, who likes Pulsar, faces the centre and sits third to the right of U. T, who faces the centre, likes Activa and, is not an immediate neighbour of U. S, who does not like Splendor, sits second to the right of Q, who likes neither Avenger nor Splendor. S faces the centre. R is not an immediate neighbor of P. W likes Apache. Only one

person sits between U and V and they like Karizma and Suzuki respectively.

31. Who sits second to the left of the person who likes Yamaha?

- a) W
- b) V
- c) P
- d) Can't be determined
- e) None of these

32. What is the position of T with respect to the person who likes Karizma?

- a) Third to the right
- b) Fourth to the right
- c) Sixth to the right
- d) Third to the left
- e) None of these

33. Who likes Splendor?

- a) Q
- b) S
- c) R

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- d) Can't be determined
- e) None of these

**34. Which of the following is true regarding R?**

- a) R is immediate neighbour of U
- b) R faces the centre
- c) R likes Avenger
- d) Q sits third to the left of R
- e) None of these

**35. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?**

- a) U
- b) V
- c) W
- d) T
- e) R

**Directions (36-40): Study the following information to answer the given questions:**

Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1 P, Q, R, S, T and V are seated and all of them are facing South. In row-2 A, B, C, D, E and F are seated and all of them are facing North. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

S sits third to right of Q. R and T are immediate neighbours of each other. C sits second to the left of A. T does not face the immediate neighbour of D. Either S or Q sits at an extreme end of the line. The one who faces Q sits second to right of E. Two people sit between B and F. Neither B nor F sits at an extreme end of the line. The immediate neighbour of B faces the person who sits third to left of P.

**36. Who amongst the following sits at extreme ends of the rows?**

- a) S, D

- b) Q, A
- c) V, C
- d) P, D
- e) Q, F

**37. Who amongst the following faces S?**

- a) A
- b) B
- c) C
- d) D
- e) F

**38. How many persons are seated between V and R?**

- a) One
- b) Two
- c) Three
- d) Four
- e) None

**39. P is related to A in the same way as S is related to B based on the given arrangement. In the same way which of the following is T related to following the same pattern?**

- a) C
- b) D
- c) E
- d) F
- e) Cannot be determined

**40. Which of the following is TRUE regarding T?**

- a) F faces T
- b) V is an immediate neighbour of T
- c) F faces the one who is second to right of T
- d) T sits at one of the extreme ends of the line
- e) Q sits second to the right of T

**Directions (41-45): In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions:**

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.

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- (c) If either conclusion I or II follows.  
(d) If neither conclusion I nor II follows.  
(e) If both conclusion I and II follow.

**41. Statements:**  $A \leq D < C \geq B < E$

**Conclusion:**

- I.  $C > A$   
II.  $A \geq C$

**42. Statements:**  $P > L \leq M < N > Q$

**Conclusion:**

- I.  $P > Q$   
II.  $Q > M$

**43. Statement:**  $S \geq T = U < V \geq X$

**Conclusions:**

- I.  $V > S$   
II.  $V > T$

**44. Statement:**  $M \leq N > O \geq P = Q$

**Conclusions:**

- I.  $M \geq Q$   
II.  $Q < M$

**45. Statement:**  $U \leq V < W = X < Y$

**Conclusions:**

- I.  $Y > V$   
II.  $W > U$

**Directions (46-50):** Study the following information carefully to answer the given questions:

Eight friends J, K, L, M, N, O, P and Q are seated in a straight line facing north, but not necessarily in the same order.

N sits third to the left of O who sits at one of the extreme ends of the row. Neither N nor O is an immediate neighbor of L. Q and L are immediate neighbors. Neither Q nor L sits extreme end of the row. K sits third to the right of L. M does not sit at any extreme end of the row. Neither M nor Q is neighbour of N. J is third to the left of M.

**46. What is the position of J with respect to K?**

- a) Immediate left

- b) Immediate right  
c) Second to the left  
d) Second to the right  
e) None of these.

**47. How many persons sit between L and O?**

- a) One  
b) Three  
c) Five  
d) None  
e) None of these

**48. Based on the given arrangement, which of the following is true with respect to N?**

- a) Only two persons sit between N and M.  
b) Only two persons sit to the right of N.  
c) None of the given options is true.  
d) Both J and K are immediate neighbors of N.  
e) J sits on the immediate right of N.

**49. Who among the following represents the person seated at the extreme end of the line?**

- a) M  
b) P  
c) K  
d) L  
e) Q

**50. Who sits between L and J?**

- a) N  
b) K  
c) No one  
d) M  
e) None of these.

**Directions (51-55):** In each of the questions below is given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given



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conclusions logically follows from the given statements disregarding commonly known facts.

**51. Statements:** Some cow is deer. No deer is dog. Some dog is fox.

**Conclusions:**

I. Some cow is not fox.

II. Some fox is deer.

- a) None follows
- b) Only I follows
- c) Either I or II follows
- d) Only II follows
- e) Both I and II follow

**52. Statements:** All dark is night. No dark is dog. Some dog is time.

**Conclusions:**

I. Some night is not day.

II. Some time is not dark.

- a) None follows
- b) Only I follows
- c) Either I or II follows
- d) Only II follows
- e) Both I and II follow

**53. Statements:** All pen is copy. No copy is rough. All rough is note.

**Conclusions:**

I. All rough being note is a possibility.

II. No pen is rough.

- a) None follows
- b) Only I follows
- c) Either I or II follows
- d) Only II follows
- e) Both I and II follow

**54. Statements:** Some rail is metro. All metro is bus. No bus is bike.

**Conclusions:**

I. Some rail is not bike.

II. No metro is bike.

- a) None follows

- b) Only I follows
- c) Either I or II follows
- d) Only II follows
- e) Both I and II follow

**55. Statements:** Some point is not scale. No scale is circle. Some circle is triangle.

**Conclusions:**

I. No point is circle.

II. No triangle is point.

- a) None follows
- b) Only I follows
- c) Either I or II follows
- d) Only II follows
- e) Both I and II follow

**56. How many such pairs of letters are there in the meaningful word "EMPLOYMENT" each of which has as many letters between them in the word as in the English alphabet ?**

- a) none
- b) two
- c) three
- d) one
- e) more than three

**57. What should come in place of question mark(?) in the following series ?**

**CX DW EV FU GT ?**

- a) KM
- b) HS
- c) IR
- d) IJ
- e) None of these

**58. If it is possible to make only one meaningful English word from the second, the fifth, the seventh and the eighth letters of the word PHYSICAL, using each letter only once, second letter of that word is your answer. If more than one such word can be formed, your answer is M. If no such word can be formed, your answer is N.**

- a) I

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- b) A
- c) L
- d) M
- e) N

**Directions (59-60):** Study the information given below carefully and answer the questions that follow:

Neelu started her journey from 'A' and walked 10 km eastwards to reach 'B', then she turned to her left and walked 3 km to reach 'C' and then she turned to her left again and walked 12 km to reach 'D'. Again she turned to her left and walked 3 km to reach 'E'.

**59. How far is she from her starting point ?**

- a) 2 km
- b) 3 km
- c) 1 km
- d) 2.5 km
- e) None of these

**60. In which direction is point 'E' from point 'A' ?**

- a) East
- b) West
- c) North
- d) South
- e) None of these

**Directions (61-65):** Study the set of numbers given below and answer the questions which follow:

427 581 839 275 589

**61. Which of the following numbers will be obtained if the second digit of the greatest number is subtracted from the second digit of the lowest number after adding one to each of the numbers?**

- a) 1
- b) 2
- c) 3

- d) 4
- e) 5

**62. If in each number, the first and the last digits are interchanged, which of the following will be the third highest number?**

- a) 427
- b) 581
- c) 839
- d) 275
- e) 589

**63. If in each number, the second and the third digits are interchanged, which will be the second highest number?**

- a) 427
- b) 581
- c) 839
- d) 275
- e) 589

**64. If two is subtracted from the first digit of each of the numbers and then the first and the third digits are interchanged, which of the following will be the lowest?**

- a) 427
- b) 581
- c) 839
- d) 275
- e) 589

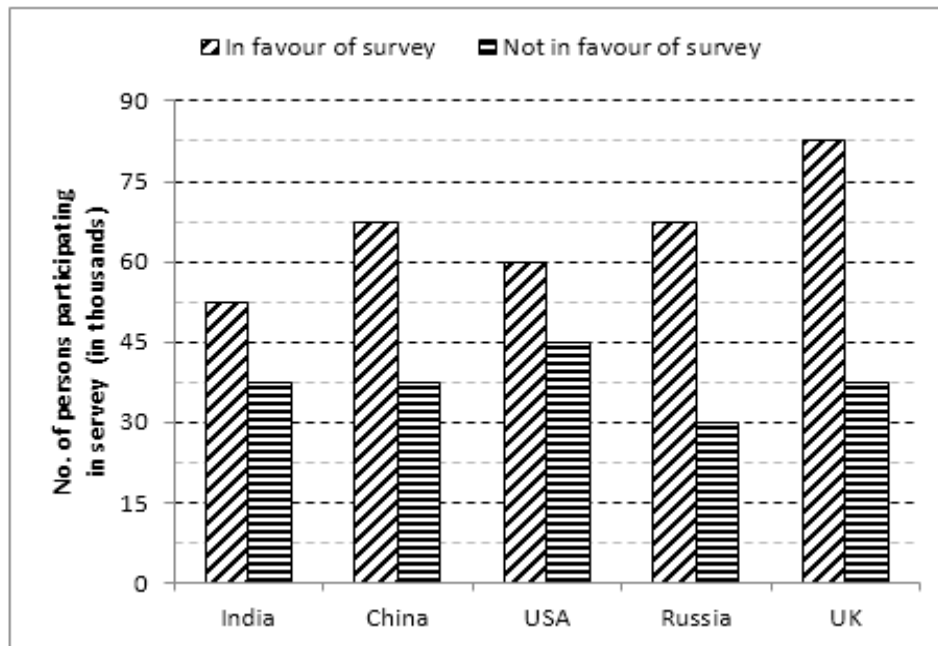
**65. If in each number, all the three digits are arranged in the ascending order, which of the following will be the third lowest number?**

- a) 427
- b) 581
- c) 839
- d) 275
- e) 589

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### Numerical Aptitude

Directions (66-70): The following bar graph shows the total number of persons participating in a survey from 5 different countries in year 2016. Study the graph and answer the questions that follows:



66. What is the average number of persons who are in favour of survey?

- a) 66,000
- b) 64,000
- c) 62,500
- d) 68,450
- e) 74,250

67. From which country, maximum number of persons have participated in survey?

- a) India
- b) UK
- c) Russia
- d) China
- e) USA

68. The number of persons in favour of survey from India are what percent of number of persons in favour of survey from USA?

- a) 92%
- b) 95%
- c) 87.5%

d) 82.5%

e) 88.25%

69. The number of persons not in favour of survey from China are what per cent more or less than the number of persons not in favour of survey from Russia?

- a) 20% less
- b) 20% more
- c) 25% less
- d) 25% more
- e) 30% more

70. What is the ratio of number of persons in favour of survey from India and Russia together to the number of persons in favour of survey from China and UK together?

- a) 4 : 5
- b) 5 : 4
- c) 3 : 5
- d) 5 : 3
- e) 3 : 5

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71. Two train of length 500 m and 900 m crosses each other in 140 sec. while travelling in same direction. If the speed of faster train is 25 m/sec, then what time slower train (500 m long) will cross a 250 m long platform.

- a) 54 sec.
- b) 45 sec.
- c) 50 sec.
- d) 61 sec.
- e) 57 sec.

72. Ratio of ages of A to B, 4 year before from now was 8 : 5 and ratio of ages of B to C 3 years hence will be 9 : 11. If the present average age of B and C is 27 years then find the present age of A.

- a) 36 years
- b) 32 years
- c) 22 years
- d) 40 years
- e) 20 years

73. A is 20% less efficient than B and C is 50% more efficient than A. If B alone can complete a job in 6 days less time than A then C alone can complete the same job in how much time.

- a) 25 days
- b) 16 days
- c) 24 days
- d) 20 days
- e) 18 days

74. A man invests 28% of his salary on lodging and fooding and 25% of remaining on children's education and saves the remaining amount. If he spends Rs. 5400 each month on children's education then find his yearly salary.

- a) Rs.4,00,000
- b) Rs.3,60,000
- c) Rs.2,40,000
- d) Rs.2,50,000
- e) Rs.4,20,000

75. One no. is selected between 30 to 51 (excluding these no.). Find the probability of no. being a prime no. or divisible by 5.

- a)  $\frac{9}{20}$
- b)  $\frac{8}{17}$
- c)  $\frac{7}{20}$
- d)  $\frac{1}{5}$
- e)  $\frac{11}{20}$

76. Sumit's investment is 1.5 times the investment of Sahil and ratio between period of their investment is 2 : 1. If share of Sumit in total profit is Rs.7550 more than the share of Sahil in total profit, then find the total profit.

- a) Rs.7550
- b) Rs.15100
- c) Rs.14100
- d) Rs.13500
- e) Rs.15000

77. A boat in upstream covers 110 km in same time as it covers 140 km in downstream. Find speed of stream is what percent of the speed of boat in still water.

- a) 12%
- b) 16%
- c) 15%
- d) 10%
- e) 20%

78. Manoj sold an article for Rs. 15,000. Had he offered a discount of 10% on the selling price, he would have earned a profit of 8%. What is the cost price?

- a) Rs. 12,500
- b) Rs. 13,500
- c) Rs. 12,250
- d) Rs. 13,250
- e) None of these

79. The income of A is 150% of the income of B and the income of C is 120% of the income of A. If the total income of A, B and C together is Rs. 86,000, what is C's income?

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- a) Rs. 30,000
- b) Rs. 32,000
- c) Rs. 20,000
- d) Rs. 36,000
- e) None of these

80. In an examination, it is required to get 296 marks out of aggregate marks to pass. A student gets 222 marks and is declared failed by 10% marks. What are the maximum aggregate marks as student can get?

- a) 830
- b) 810
- c) 780
- d) 740
- e) 760

81. I.  $x^2 + 12x + 32 = 0$

II.  $y^2 + 19y + 90 = 0$

- a)  $X > Y$
- b)  $X < Y$
- c)  $X \geq Y$
- d)  $X \leq Y$
- e)  $X = Y$  or relation cannot be established

82. I.  $x^2 + 13x + 42 = 0$

II.  $y^2 + 17y + 72 = 0$

- a)  $X > Y$
- b)  $X < Y$
- c)  $X \geq Y$
- d)  $X \leq Y$
- e)  $X = Y$  or relation cannot be established

83. I.  $x^2 - 15x + 56 = 0$

II.  $y^2 + 6y + 8 = 0$

- a)  $X > Y$
- b)  $X < Y$
- c)  $X \geq Y$
- d)  $X \leq Y$
- e)  $X = Y$  or relation cannot be established

84. I.  $3x^2 + 17x + 20 = 0$

II.  $2y^2 - 15y + 28 = 0$

- a)  $X > Y$

- b)  $X < Y$
- c)  $X \geq Y$
- d)  $X \leq Y$
- e)  $X = Y$  or relation cannot be established

85. I.  $3x^2 + 48x + 192 = 0$

II.  $2y^2 + 22y + 60 = 0$

- a)  $X > Y$
- b)  $X < Y$
- c)  $X \geq Y$
- d)  $X \leq Y$
- e)  $X = Y$  or relation cannot be established

Directions (86-95): Find out the approximate value which should replace the question mark (?) in the following questions.

Note: (You are not expected to find out the exact value)

86.  $25.05\%$  of  $2844.01 + 14.95 \times 2400 = ?$

- a) 36,710
- b) 36,510
- c) 35,810
- d) 35,610
- e) 36,210

87.  $1080.18 \div 36 + 187 \times 20.05 = ?$

- a) 3650
- b) 3770
- c) 3825
- d) 3800
- e) 3700

88.  $125\%$  of  $4875 + 88.005 \times 14.995 = ?$

- a) 7395
- b) 7490
- c) 7510
- d) 7375
- e) 7415

89.  $39.05 \times 14.95 - 27.99 \times 10.12 = (36 + ?) \times 5$

- a) 22
- b) 29

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- c) 34
- d) 32
- e) 25

90.  $158.004 \times 4.06 + 20.12\% \text{ of } 849.86 + ? = 950.93$

- a) 350
- b) 480
- c) 280
- d) 250
- e) 150

91.  $8429.98 \div 300.02 \times 11.904 = ?$

- a) 356
- b) 373
- c) 358
- d) 337
- e) 366

92.  $17.1\% \text{ of } 725 + 12.8\% \text{ of } 643 = ?$

- a) 117
- b) 207
- c) 272
- d) 196
- e) 307

93.  $(46.04)^2 - (31.08)^2 = ?$

- a) 1355
- b) 1155
- c) 1255
- d) 1055
- e) 1185

94.  $496 \div 0.6 \times 0.5 = ?$

- a) 413
- b) 595
- c) 148
- d) 653
- e) 498

95.  $24.002 \times 14.005 - 7.895 \times 5.964 = ?$

- a) 388

- b) 288
- c) 188
- d) 244
- e) 222

Directions (96-100): Find the value of missing number (?) in the given number series.

96. 17, 18, 26, 35, 99, ?

- a) 224
- b) 124
- c) 148
- d) 164
- e) 225

97. 23, 40, 74, 142, 278, ?

- a) 392
- b) 478
- c) 544
- d) 496
- e) 550

98. 69, 82, 71, 80, 73, ?

- a) 78
- b) 77
- c) 79
- d) 83
- e) 86

99. 53, 58, 75, 112, 177, ?

- a) 261
- b) 275
- c) 278
- d) 285
- e) 317

100. 23, 40, 64, 96, 137, ?

- a) 197
- b) 188
- c) 183
- d) 192
- e) 20166.

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### Answer with Detailed Solution

#### English Language

1.A

It is very clear that the passage has a message on how one should develop relations with people having different nature than theirs. Hence, 'Developing Bonds' is the most appropriate title for the given passage.

2.E

None of the given statements is true.

3.B

Nita left her husband's home because she was unhappy with him for taking his mother's side.

4.A

ANTIDOTE: a medicine taken or given to counteract a particular poison; something that counteracts an unpleasant feeling or situation. REMEDIAL: done to correct or improve something; done to cure or treat someone. SLY: displaying cleverness; clever in a dishonest way.

5.C

It is very clear that the passage has a message on how one should develop relations with people having different nature than theirs. Hence, 'In the world around us all people are different in their nature and behaviour and we must understand each other and

adjust a little to develop a cordial relationship', is the moral of the story.

6.D

Last two lines of the 5th para talk about the given situation very eloquently. Also, Nita's father never called her to tell about any antidote. Hence, 'Nita was getting impatient as after being nice to her mother-in-law for five months she had developed a mother-daughter relationship with her and did not want her to die because of the poison', is the correct answer here.

7.C

PITY: sympathetic sorrow for one's suffering. APATHY: lack of feeling or emotion SYMPATHY: feelings of pity and sorrow for someone else's misfortune; a feeling of support for something EMPATHY: the ability to understand and share the feelings of another; the feeling that you understand and share another person's experiences and emotions.

8.B

most nearly describes the meaning of the original statement given in BOLD as it clearly talks about adding small amount (Pinch) of the powder and 'a spoon' or 'fist-full' mean a lot of powder. Hence, (b) is the correct answer.

9.D

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Nita's father wanted to teach her a lesson about bonds and relationships with people having different nature and behaviour than yours.

10.B

Nita's husband never called her father, and also, the first para clearly mentions that Nita's mother-in-law was a conservative woman and she herself was of liberal and modern views and this meant that they quarrelled a lot. Hence, option (b) is the correct answer here.

11.B

Here option (a) and (c) clearly grammatically unfit. Hence, 'The core of the team has remained the same, with John Johnson and Subhasish Bose the only major departures. After defeat in the AFC Cup, BFC has only one competition to focus on' is our correct sentence.

12.A

In the given question, while all the options are grammatically correct, only (a) fits in contextually. Hence, 'Nandita Das amplifies the liberal voice of the sub-continental icon by maintaining an artistic distance than being indulgent or passionate' is the correct answer.

13.D

Here only option (d) is grammatically and contextually correct. Hence – Then there is the virtuous NRI Parvinder. He falls in pyaar at first sight with Rumi; knows that he doesn't have a chance in hell yet decides to push his luck with her.

14.B

The correct statement here is, 'The requirement for HIV testing as a pre-requisite for obtaining employment or accessing health care or education is also prohibited under the HIV/AIDS Act, 2017'. No other pair of words makes the given sentence grammatically correct as well as meaningful.

15.D

No other option is grammatically as well as contextually correct. Hence - The Kerala government sought its rejection but the city civil court turned down their plea

16. B

Sought

17.C

Vessel

18.D

Lodged

19.B

Venture

20.C

Controversy

21.B

"Pakistan's past, present and future" is a plural phrase and hence would take helping verb 'have' instead of 'has'. Hence (b) is the correct answer

22.E

There is no error in the given sentence.

23.A

'The study was conceptualised at the state and district levels with data collected from every nook and corner of the country' is the correct sentence.

24.D

In the given sentence, the subject is 'average', which is a singular noun. Therefore, it will take the helping verb 'is' with it. Hence, 'In 2018, humans performed an average of 71% of total task hours across 12 industries, spanning manufacturing, services and high tech, which is projected to fall to 48%' is the correct statement.

25.A

The given statement talks about a warning that was given in the past. Hence, the correct way of writing it is – 'The downward spiral that we had previously warned about....'

(26-30)

A Wolf had been feasting too greedily, and a bone had stuck crosswise in his throat. He could get it neither up



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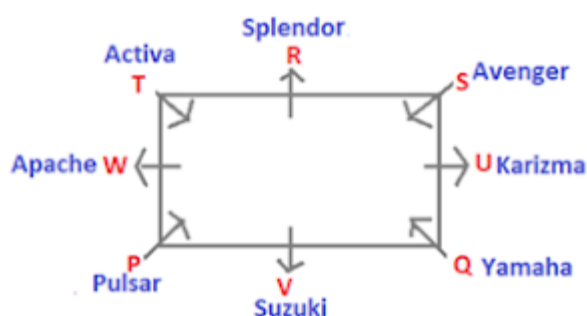
nor down. So away he hurried to the Crane. He was sure that she, with her long neck and bill, would easily be able to reach the bone and pull it out. "I will reward you very handsomely", said the Wolf, "if you pull that bone out for me". The Crane was grasping in nature, so she did what the Wolf asked her to do. When the Wolf felt

that the bone was gone, he started to walk away. "But what about my reward!" called the Crane anxiously. The Wolf replied, "Isn't it enough that I let you take your head out of my mouth without snapping it off?"

26.D 27.C 28.B 29.B 30.A

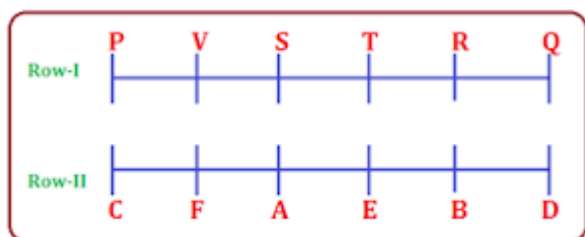
### Reasoning Ability

(31-35)



31. C 32. D 33. C 34. E 35. D

(36-40)



36. D 37. A 38. B 39. B 40. E

(41-45)

41. A 42. D 43. B 44. D 45. E

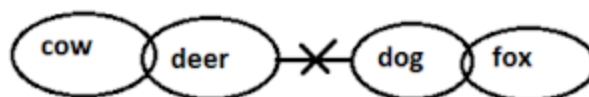
(46-50)



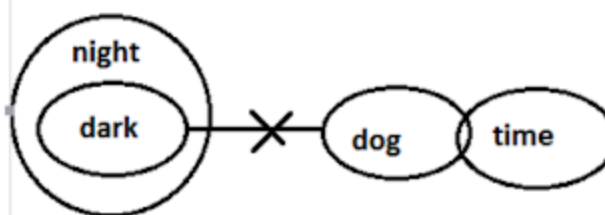
46. C 47. E 48. D 49. B 50. C

(51-55)

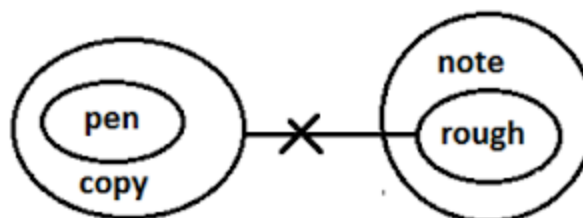
51. A



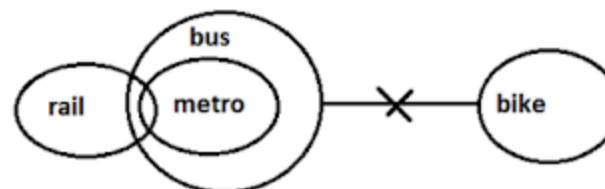
52. E



53. D



54. E

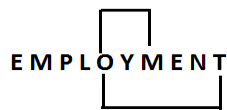


55. A



56. B

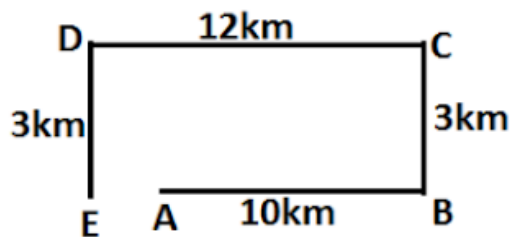
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57. B 58. B

The letter are= H I A L= HAIL =2nd letter of word is= A

(59-60)



59. A 60. B

(61-65)

61. C

7-4=3

62. A

724 185 938 572 985

63. E

472 518 893 257 598

64. B

227 381 639 075 389

722 183 936 570 983

65. D

247 158 389 257 589

### Numerical Aptitude

66.A

$$= 1/5 \times (52.5 + 67.5 + 60 + 67.5 + 82.5)$$

$$= 1/5 \times 330$$

$$= 66 \text{ thousand}$$

67.B

**Sol.** From the graph we can say that the maximum no. of persons participating in survey are from UK.

68.C

$$\text{Sol. Required percentage} = \frac{52.5}{60} \times 100 = 87.5\%$$

69.D

$$\text{Sol. Required percentage} = \frac{37.5-30}{30} \times 100 = 25\% \text{ more}$$

70.A

$$\text{Required ratio} = \frac{52.5 + 67.5}{67.5 + 82.5} = \frac{120}{150} = 4 : 5$$

71.C

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Let the speed of slower train is  $x$  m/sec

ATQ,

$$\frac{500+900}{25-x} = 140$$

$$x = 15 \text{ m/sec}$$

Now,

Time required to cross 250 m long platform

$$= \frac{500+250}{15} = 50 \text{ sec}$$

72.A

Let ages of B and C 3 years hence is  $9x$  and  $11x$  respectively.

ATQ,

$$(9x - 3) + (11x - 3) = 27 \times 2$$

$$20x = 60$$

$$x = 3$$

So present age of B =  $(3 \times 9 - 3) = 24$  years

Let present age of A =  $y$  years

$$\frac{y-4}{24-4} = \frac{8}{5}$$

$$y = 36 \text{ years}$$

73.D

ATQ,

Efficiency ratio of A: B: C = 4: 5: 6

So, ratio of time required to complete a job by A: B: C

$$= \frac{1}{4} : \frac{1}{5} : \frac{1}{6}$$

$$= 15: 12: 10$$

$$\text{Time required for C to complete job alone} = \frac{6}{(15-12)} \times 10 = 20 \text{ days}$$

74.B

Let monthly salary of the man =  $100x$

Investment on lodging and fooding =  $28x$

Remaining amount =  $100x - 28x = 72x$

Investment on children education =  $\frac{25}{100} \times 72x = 18x$

Now ATQ

$$18x = 5400$$

$$x = 300$$

So yearly income =  $100 \times 300 \times 12 = 3,60,000$  Rs.

75.A

Prime no. between 30 to 51 are 31, 37, 41, 43, 47

No. divisible by 5 are 35, 40, 45, 50

So, required probability =  $\frac{9}{20}$

76.B

Let investment of Sahil is  $100x$

So Sumit's investment =  $150x$

Let time of investment is  $2y$  and  $y$

Profit ratio = Sumit :Sahil

$$(150x \times 2y) / (100x \times y) = 3:1$$

ATQ—

Total profit =  $(7550 \times 4) / 2$

= Rs.15100

77. A

Let time taken is 't'

Now,

ATQ—

$$110 / (x-y) = 140 / (x+y) = t$$

$$x/y = 25/3$$

Where;  $x$  = speed of boat in still water

And ,  $y$  = speed of stream

Required % =  $3/25 \times 100 = 12\%$

78.A

$$\text{Sol. New S.P} = \frac{90}{100} \times 15000 = \text{Rs. } 13500$$

$$\therefore \text{C.P} = \frac{100}{108} \times 13500 = \text{Rs. } 12500$$

79.D

Sol. Let income of B be  $x$

So, income of A and C would be  $1.5x$  and  $1.8x$

Now,  $1.5x + x + 1.8x = 86000$

$$\text{or, } x = 20000$$

$$\therefore \text{Income of C} = 1.8 \times 20000 = 36000$$

80.D

## EPFO Assistant Prelims 2019 Exam - Model Papers PDF -2

Let the maximum aggregate marks be  $x$ .

According to the question,

$$10\% \text{ of } x = 296 - 222$$

$$\Rightarrow \frac{x}{10} = 74$$

$$\Rightarrow x = 74 \times 10 = 740$$

81.A

$$X = -4, -8$$

$$Y = -9, -10$$

$$x > y$$

82.A

$$X = -6, -7 \quad Y = -8, -9$$

$$x > y$$

83.A

$$X = 7, 8$$

$$Y = -2, -4$$

$$x > y$$

84.B

$$X = -4, -5/3(-1.66) \quad Y = 7/2(3.5), 4$$

$$X < y$$

85.B

$$X = -8, -8$$

$$Y = -5, -6$$

$$X < y$$

86.A

$$\begin{aligned} & \frac{1}{4} \times 2844 + 15 \times 2400 \\ & = 711 + 36000 \approx 36710 \end{aligned}$$

87.B

$$\frac{1080}{36} + 187 \times 20 \approx 30 + 3740 \approx 3770$$

88.E

$$\begin{aligned} & \frac{5}{4} \times 4875 + 88 \times 15 = 5 \times 1219 + 1320 \\ & = 6095 + 1320 = 7415 \end{aligned}$$

89.E

$$\frac{39 \times 15 - 28 \times 10}{5} = 36 + ?$$

$$\Rightarrow 61 = 36 + ?$$

$$\therefore ? = 25$$

90.E

$$158 \times 4 + \frac{1}{5} \times 850 + ? = 951$$

$$\Rightarrow 632 + 170 + ? = 951$$

$$\therefore ? \approx 150$$

91.D

$$? \approx \frac{8430}{300} \times 12$$

$$? \approx 337.2$$

$$? \approx 337$$

92.B

$$? \approx \frac{17}{100} \times 725 + \frac{13}{100} \times 643$$

$$? \approx 206.84$$

$$? \approx 207$$

93.B

$$? \approx (46)^2 - (31)^2$$

$$? \approx 15 \times 77$$

$$? \approx 1155$$

94. A

$$? \approx \frac{496}{0.6} \times 0.5$$

$$? \approx 413.33$$

$$? \approx 413$$

95. B

$$? \approx 24 \times 14 - 8 \times 6$$

$$\approx 336 - 48 = 288$$

96.B

Pattern is

$$+1^2, +2^3, +3^2, 4^3, +5^2$$

$$\text{So, } ? = 99 + 5^2 = 124$$

97. E

## EPFO Assistant Prelims 2019 Exam - Model Papers PDF -2

Pattern is

+17, +34, +68, +136, +272

So, ? = 278 + 272 = 550

98. A

Pattern is +13, -11, +9, -7, +5

99. C

Pattern is  $+(2^2+1)$ ,  $+(4^2+1)$ ,  $+(6^2+1)$ ,  $+(8^2+1)$ ,  $+(10^2+1)$

So, ? = 177 + 101 = 278

100. B

