English Language

Directions (1-5): Find out the error, if any. If there is no error, the answer is (e), i.e. No error. (Ignore the errors of punctuation, if any.)

1) Having failed to mobilise workers (a)/ against Mr Macron’s labour reform (b)/ last September, hard-line unions now (c)/ sense the chance to test his resolve.(d)/ No error(e)/
   a) a
   b) b
   c) c
   d) d
   e) e

2) The killing in Latin America has been (a)/ shaped by local factors—political violence, (b)/ crowded prisons, North America’s (c)/ appetite of drugs (d)/ No error(e)/
   a) a
   b) b
   c) c
   d) d
   e) e

3) Commercial freedom appeals more than (a)/ dirigisme but when it comes to data privacy, (b)/ the case for copying the best (c)/ bits of the European Union’s approach is compelling (d)/ No error(e)/
   a) a
   b) b

4) Over the past few decades, (a)/ established airlines from Europe (b)/ and America have been hit by (c)/ one thing after another. (d) No error (e)/
   a) a
   b) b
   c) c
   d) d
   e) e

5) The fact that Chinese airlines (a)/ benefit from support from the (b)/ state is not in question but the (c)/ outrage of rivals is shamelessly confected. (d)/ No error (e)/
   a) a
   b) b
   c) c
   d) d
   e) e

Directions (6-10): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.
Pity Britain’s press officers. April 4th was the deadline for employers in Britain with 250 workers or more to publish details of the difference between the average pay of their male and female employees, under a new annual reporting requirement (We recorded a median gap of 29.5%). The overall figures are eye-opening: eight out of ten employers pay men more than women. Theresa May, the prime minister, has promised to __(6)__ this “burning injustice”. Some take the numbers to mean that women are paid less than men for the same job. In fact the exercise __(7)__ compares employees’ pay without accounting for their differing roles—so Premier League football clubs have vast but meaningless pay gaps, as the men on the __(8)__ are compared with the women on the turnstiles. This may even create __(9)__ incentives, as firms could appear better by outsourcing low-paid jobs done by women. Yet the exercise could also lead to deeper questioning of what causes differences in pay. To that extent, the mad __(10)__ among firms—not just for data, but also for justifications—is encouraging.

6) ?
a) Jingle
b) Pickle
c) Tackle
d) Fickle
e) None of these

7) ?
 a) Bypassing
 b) Bluntly
 c) Straight
 d) Truthfully
 e) None of these

8) ?
 a) Pitch
 b) Stitch

c) Snitch
d) Brick
e) None of these

9) ?
a) Heck
b) Omnivores
c) Perverse
d) Steer
e) None of these

10) ?
a) Monger
b) Stop
c) Scramble
d) Die
e) None of these

Direction (11–15): Which of the phrases (a), (b), (c), (d) given below each sentence should replace the phrase printed in bold type to make the sentence grammatically correct? If the sentence is correct as it is mark (e) i.e. ‘No correction required’ as the answer.

11) Britain’s exercise has stimulated reflection of firms that had given barriers from, and biases in, pay and promotion little thought.
   a) has stimulated reflection of firms that had given barriers for
   b) has stimulated reflection in firms that had given barriers to
   c) has stimulated reflection in firms that had given barriers for
   d) has stimulated reflection of firms that had given barriers to
   e) No correction required
12) Some countries in the south of the El Salvador have urbanised as fast as those in its north, but murder rates upon the south remain comparable by that of the United States.

a) but murder rates of the south remain comparable to that of the United States
b) but murder rates inside the south remain comparable by that of the United States
c) but murder rates in the south remain comparable to that of the United States
d) but murder rates of the south remain comparable by that of the United States
e) No correction required

13) A recent proliferation of violence observatories in Latin America—many modelled after Mr Guerrero’s Cali flagship—suggests that governments are realising the need of an evidence-based approach of security policy.

a) suggests that governments are realising the need for an evidence-based approach for security policy
b) suggests that governments are realising the need to an evidence-based approach to security policy
c) suggests that governments are realising the need for an evidence-based approach to security policy
d) suggests that governments are realising the need an evidence-based approach to security policy
e) No correction required

14) Fifty years ago, Shaw, a historically black neighbourhood ten blocks apart from the White House, was ablazed.

a) a historically black neighbourhood ten blocks apart from the White House, was set ablaze
b) a historically black neighbourhood ten blocks from the White House, was ablaze
c) a historically black neighbourhood ten blocks apart from the White House, were ablazed
d) a historically black neighbourhood ten blocks from the White House, was set ablaze
e) No correction required

15) In February 1968 the Kerner Commission, created by President Lyndon Johnson to investigate race of riots, had warned that “our nation is moving toward two societies, one black and one white—separate and unequal”.

a) to investigate race in riots, had warned that
b) to investigate race riots, had warned off
c) to investigate race in riots, had warned off
d) to investigate race riots, had warned that
e) No correction required

Directions (16-20): In each of the following sentences there are two blank spaces. Below each sentence there are five pairs of words denoted by the numbers a), b), c), d) and e). Find out which pair of words can be filled up in the blanks in the sentence in the same sequence to make the sentence grammatically correct and meaningfully complete.

16) Gun violence is no _____matter, especially at James Hill house High School in New Haven, _____lost a star footballer to the blight.

a) matting, about
b) laughing, which
c) probable, and
d) trout, that
e) None of these

17) With that in mind, Mr Murphy’s _____of balancing conventional left-wing views with a suggestion of pragmatism looks additionally helpful, because it creates _____about where he stands in his party.

a) knack, ambiguity
b) prejudice, competence
c) knack, importance
d) prejudice, importance
e) None of these
b) Fickle, Obtuse
c) Obtuse, fickle
d) Stack, Error
e) None of these

18) A long and bitter presidential election campaign had _____a _____fundamentalist former gospel singer against a liberal candidate of the centre left.

a) pitted, fiercely
b) Stacked, fierce
c) Putted, mingled
d) ripple, koala
e) None of these

19) After the CIA _____a reformist democratic government in the name of anti-communism in 1954, a long line of military dictators followed, _____left-wing guerrilla movements that they proceeded to crush

a) Hyped, Ended
b) Mingled, Endangered
c) toppled, engendering
d) Helmed, esteemed
e) None of these

20) To the Quechua-speaking subsistence farmers who live _______the higher reaches of the Peruvian Andes, the sphagnum moss that upholsters the land near their villages is a _____

a) of, haven
b) from, doom
c) about, stylish
d) in, nuisance
e) None of these

Directions (21-30): Read the following passage carefully and answer the questions given below.

Brazil’s Supreme Court was damned whatever it did. On April 4th, after 11 hours of debate, it rejected by six votes to five a plea by lawyers for LuizInácio Lula da Silva, the country’s former president, that their client should not be sent to prison following his conviction last year for corruption until he has exhausted all possible appeals. That decision will be seen by his supporters as endorsing a political vendetta, potentially damaging the legitimacy of a presidential election in October. Lula leads in the opinion polls, by a wide margin. But upholding Lula’s request would have had big negatives, too. It would have reversed the court’s own doctrine, established by the same narrow margin just two years ago, that the guilty can be jailed after their sentence is confirmed on first appeal. And, according to many prosecutors and judges, it would have sucked the life out of the four-year anti-corruption probe known as Lava Jato (Car Wash). Lava Jato has revealed massive graft in business and politics, not just in Brazil but across much of Latin America. Its revelations have taken a toll on the credibility of democratic politics. But it has held out hope that by punishing the powerful, ending impunity for stealing public money and forcing reform of campaign finance it will ultimately cleanse and strengthen the region’s democracies and economies. The case of Lula, Brazil’s president from 2003 to 2010, is emblematic. Prosecutors found that during the governments of his Workers’ Party (PT) construction companies systematically overpaid for public contracts, with money going into the pockets of public officials and coalition allies, and into party coffers. They claim not only that Lula knew about all of this but that he interfered to arrange specific contracts. Their evidence comes from testimony extracted in plea bargains. Lula faces nine separate charges of corruption or influence peddling, all of which he denies. He was convicted on the first charge—that he received a beachside flat in return for facilitating a contract after his presidency had ended—by Sérgio Moro, a crusading young judge.
In January that conviction was upheld by a regional appeal court, and his sentence increased from nine years in jail to 12. For its critics, Lava Jato has begotten a Robespierrean tyranny of prosecutors and judges. Many convictions result from generous plea-bargain deals offered to suspects. Marcelo Odebrecht, who admitted that his construction firm paid bribes of almost $1bn in a dozen countries, received only a ten-year sentence, a quarter of which was served in jail. He is now incarcerated in the exacting gulag of his São Paulo mansion. Defendants claim that judges have too much discretion. Lula’s lawyers say that Mr Moro did not show that the flat, which Lula never occupied or owned, was a quid pro quo for any action. Whatever its flaws and risks, the anticorruption drive marks an advance. If judges are taking such momentous decisions, it is partly because the politicians have flunked them, from regulating appeals to political reform. Without plea bargaining, and with the narrow and formalistic approach to corruption adopted before the mensalão, taxpayers were ripped off and voters duped. At least that should be harder from now on.

21) What is meaning of the phrase ‘quid pro quo’?
   a) Embezzled
   b) Substitution
   c) Hypocrite
   d) Mocking
   e) None of these

22) What is the prime message of the passage?
   a) Judiciary in Latin America.
   b) A discussion about Mr. Lula and his methods.
   c) Both A and B
   d) Corruption in power
   e) Both A and D

23) Why was the project termed as emblematic?
   a) It is a typical case of how judiciary and systems are tampered with.
   b) He wasn’t convicted despite being wrong.
   c) Not clear from the passage.
   d) Both A and B
   e) None of these

24) Why was it important not to uphold the appeal?
   a) He has connections abroad
   b) It would have jeopardised the peace treaty going on with the rebels
   c) It would have been led to mistrust in judiciary
   d) Both A and B
   e) None of these

25) Choose the synonym for Exhausted.
   a) Minted
   b) Worn out
   c) Dished
   d) Discerned
   e) None of these

26) Choose the antonym for Vendetta.
   a) Harmony
   b) Feud
   c) Frivolity
   d) Trifling
   e) None of these

27) Choose the antonym for Credibility.
   a) Reliable
   b) Deceit
   c) Cruel
   d) Swell
   e) None of these

28) Choose the synonym for Emblematic.
   a) Reliable
   b) Deceit
   c) Cruel
   d) Swell
   e) None of these
29) Choose the synonym for Peddling
a) Stock
b) Jock
c) Hawk
d) Mock
e) None of these

30) Choose the synonym for Crusading
a) Adhering
b) Lobbying
c) Ticketing
d) Sporting
e) None of these

Quantitative Aptitude

31) 350, 346, 349, 371, 430, ?
a) 472
b) 484
c) 520
d) 550
e) 492

32) 40, 100, 500, ?, 37500
a) 3250
b) 3750
c) 2250
d) 4630
e) 5280

33) 24, 39, 62, 93, 132, ?
a) 179
b) 168
c) 189

d) 25, 10, ?, 1.6, 0.64
a) 2
b) 3.2
c) 4
d) 6.4
e) 5.6

35) 8, 19, 37, 64, ?
a) 81
b) 102
c) 90
d) 72
e) 116

Directions (36-40) Read the data given in the table chart and answer the questions carefully:

<table>
<thead>
<tr>
<th>Year/no of Year</th>
<th>Total number of road accidents registered</th>
<th>Number of persons died in accidents</th>
<th>Number of persons partially injured</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>2500</td>
<td>1700</td>
<td>2300</td>
</tr>
<tr>
<td>2016</td>
<td>4500</td>
<td>2300</td>
<td>3200</td>
</tr>
<tr>
<td>2017</td>
<td>6000</td>
<td>4700</td>
<td>2800</td>
</tr>
<tr>
<td>2018</td>
<td>8000</td>
<td>3100</td>
<td>2200</td>
</tr>
</tbody>
</table>

36) The government announces amount of 5 lakh per head for died persons in accident, and then find the expenditure of the government in 2016?
a) 100 cr
b) 115 cr
c) 125 cr
d) 105 cr
e) None of these

37) Find the average number of persons died in accidents all over the given years?
a) 3050
b) 2560
c) 2800
d) 2950
e) None of these

38) If the government announces Rs.50000 per head for partially injured persons in all the given years, then find the average amount spent by the government in all the given years?
a) 13.125 cr  
b) 14.125 cr  
c) 12.125 cr  
d) 11.125 cr  
e) None of these  
39) Total number of accidents in the year 2018 is what percentage more than that of 2015?  
a) 250  
b) 110  
c) 220  
d) 180  
e) None of these  
40) Find the difference between total number of persons died and partially injured in 2016 and total number persons died and partially injured in 2018?  
a) 120  
b) 400  
c) 300  
d) 200  
e) None of these  
41) Two persons A and B born in consecutive leaf years. A is elder than B. B and A’s wife C born in same year. In the year 2020 A’s age will be 24 years. What will be sum of ages of A, B and C in 2018?  
a) 58  
b) 64  
c) 60  
d) 54  
e) None of these  
42) The number of aspirants applied for IBPS PO and Clerk together is 20000. Ratio of applied male and female for PO and Clerk is 2:3 and 3:2 respectively. If the number of aspirants applied for PO is 3/5th of total aspirants applied, then find the number of male aspirants applied for both exams?  
a) 8800  
b) 9200  
c) 9600  
d) 8400  
e) None of these  
43) The difference between speed of downstream and upstream is 8km/hr. And the sum of speed of downstream and upstream is 20 km /hr. Then how much time taken by a man to cover the 126km in both ways?  
a) 24 hours  
b) 30 hours  
c) 48 hours  
d) 36 hours  
e) None of these  
44) Find the slant height of the cone If the height is 12cm and perimeter of the base circle is 88 cm?  
a) $8\sqrt{85}$ cm  
b) $4\sqrt{85}$ cm  
c) $3\sqrt{85}$ cm  
d) $2\sqrt{85}$ cm  
e) None of these  
45) The ratio of milk and water is 4:3. 42 litre of mixture is taken out and 1 ltr of milk and 2 ltrs of water added to the mixture. The ratio becomes 5:4. Then find the initial quantity of milk in the mixture?  
a) 60 liter  
b) 56 liter  
c) 42 liter  
d) 48 liter  
e) None of these  
46) A sells a mobile phone to B with 30% discount from marked price. B sells the mobile phone to C for marked price of A. What is the profit earned by B?  
a) 70.48%  
b) 30.56%  
c) 42.85%  
d) 33.33%  
e) None of these  
47) In 2016 a person deposits Rs.15000 for simple interest in bank. And he lend the interest amount earned from bank to another person every end of the year for simple interest. If the interest rate in both cases is 8%. Find the amount received from another person at the end of 2017?  
a) 2592  
b) 2456
c) 3424
d) 1296
e) None of these

48) Distance between A and B is 560km. A person planning to travel in three different ways, which are bus, car and train. Speed of the train is 80 km/hr. Speed of the car half of the speed of the train. Speed of the bus is 30km/hr more than the speed of the Car. Find the ratio of time taken by bus, car and train respectively.
a) 14: 8: 7
b) 8: 14: 7
c) 7: 8: 14
d) 7: 8: 7
e) None of these

49) Pipe A can fill the tank in 8 hours. Pipe B can empty the tank in 12 hours and pipe C can fill the tank in 6 hours. If pipe A and C opened together, but pipe B is opened every 3rd hour, then how much time taken to fill the tank?
a) 4 (4/7)
b) 6 (4/7)
c) 5 (6/7)
d) 3 (5/7)
e) None of these

50) There are four mangos, 5 apples and 3 bananas in the bag. A man has to pick either 2 apples and 3 mangos or 2 bananas and 3 mangos. What is the probability for picking in this order?
a) 13/198
b) 12/129
c) 14/221
d) 13/196
e) None of these

Directions (51-55): Line graph shows that number of new born babies in 2017 from different hospitals. And table chart shows that ratio of male babies and female babies. Total number of new born babies is 12750.

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51) Find the total number of male babies from X and P?
   a) 2240  
   b) 3220  
   c) 3530  
   d) 2410  
   e) None of these

52) Number of male babies from Q is what percentage of total number of babies from X?
   a) 28 4/7 %  
   b) 36 4/11 %  
   c) 32 4/11 %  
   d) 30 4/11 %  
   e) None of these

53) Number of female babies from Q is what percentage less than that of Y?
   a) 16.67%  
   b) 13.33%  
   c) 33.33%  
   d) 11.11%  
   e) None of these

54) Find the ratio of total number of male babies from P and Q to total number of female babies from P and Q hospitals?
   a) 32:31  
   b) 321:311  
   c) 321:329  
   d) 343:222  
   e) None of these

55) What is the total number of male babies from all hospitals?
   a) 4150  
   b) 6170  
   c) 5120  
   d) 2160  
   e) None of these

Directions (56 - 60): In the following questions, two equations numbered I and II are given. You have to solve both questions and give answer among the following options.

56) I. 4x²-4x-48=0  
    II. 6y²-6y-12=0

57) I. 8x²-18x+9=0  
    II. y²+11y-432=0

58) I. 3x²+53x+204=0  
    II. 5y²+31y+48=0

59) I. 2x²-39x+124=0  
    II. 2y²-30y+108=0

60) I. 2x²+15x+28=0  
    II. 4y²+32y+64=0

Directions (61-65): Find the value of ? in the given questions

61) 16% of 750 +45% of 820 =?
   a) 449  
   b) 489  
   c) 459  
   d) 439  
   e) None of these

62) 6 ½ +7 ¼ -8 ¾ +8 1/8 =?
   a) 13 (1/8)  
   b) 14 (1/8)  
   c) 12 (1/8)  
   d) 11 (1/8)  
   e) None of these

63) 578 +122 =458+2* ?²
   a) 21  
   b) 9  
   c) 13  
   d) 11  
   e) None of these

64) 2/7 of 7/4 of 3/9 of 216 =? -132
   a) 158  
   b) 162  
   c) 168  
   d) 142
e) None of these

65) 7777 ÷ 77 + 6666 ÷ 66 + 1111 ÷ 11 = ?
   a) 303
   b) 408
   c) 411
   d) 305
   e) None of these

Reasoning Ability

Directions (66-70): Study the following information carefully and answer the below questions.

Eight persons namely, S, C, T, A, E, O, B and H are living in the eight floor building. The lowermost floor is numbered one, above it is numbered two and so on until the topmost floor is numbered eight. All the information is not necessary to be in the same order.

C lives immediately above H. E lives in a floor whose floor number was twice as that of the floor number in which B lives. S lives in one of the floors above T. Only three persons live between O and H. A lives in one of the floors above O and H. A lives in one of the floors above B. C does not live in the topmost floor. T does not live in the even numbered floor. H does not live in the lowermost floor. Only two persons live between A and B.

66) Which of the following combinations is correct?
   a) Floor 4 - A
   b) Floor 2 - E
   c) Floor 7 - C
   d) Floor 6 - H
   e) None of these

67) Four of the following five are alike in certain way and thus form a group as per the given arrangement. Which of the following does not belong to that group?
   a) E
   b) H
   c) B
   d) O
   e) A

68) T is related to C in a certain way based on the given arrangement. In the same way O is related to E. Which of the following persons is B related to following the same pattern?
   a) A
   b) H
   c) S
   d) O
   e) None of these

69) Who among the following lives in the lowermost floor?
   a) B
   b) O
   c) T
   d) C
   e) None of these

70) How many persons live between A and O?
   a) Two
   b) Five
   c) Three
   d) Four
   e) None

Directions (71-73): Study the following information carefully and answer the below questions.

A is the brother of B. F is the sister in law of B. G is the mother of A. C is the niece of B. E is daughter in law of B. G has 2 children. H is the mother of D. I is the father in law of F. B is married to H.

71) How is I related to H?
   a) Mother in law
   b) Father
   c) Mother
   d) Father in law
   e) None of these

72) Who is the mother of C?
   a) F
   b) A
   c) I
   d) B
   e) None of these

73) How is C related to D?
   a) Sister
   b) Brother
   c) Cousin
   d) Daughter
Directions (74-78): Study the following information carefully and answer the below questions.

Certain number of people sits at the circular table facing towards the centre.

Only three persons sit between A and C. Only five persons sit between E and D when counted from the left of E. G sits fourth to the left of B. F sits second to the left of E. B is one of the immediate neighbour of C. Only three persons sit between C and E. Not more than four persons sit between G and F when counted from left of F. Only six persons sit between E and B. G is not an immediate neighbour of E.

74) How many seats are between A and D when counted from left of A?
   a) Five
   b) Six
   c) Four
   d) Seven
   e) None of these

75) What is the position of D with respect to C?
   a) Second to the right
   b) Third to the left
   c) Second to the left
   d) Fourth to the right
   e) None of these

76) Four of the following five are alike in certain way and thus form a group as per the given arrangement. Which of the following does not belong to that group?
   a) E-A
   b) C-F
   c) D-C
   d) F-E
   e) B-G

77) Which of the following statements is correct?
   a) Only one persons G and D
   b) E sits second to the left of A
   c) B is an immediate neighbour of C and D
   d) Only three seats are between E and A
   e) None of these

78) What is the position of E with respect to G?
   a) Fourth to the right
   b) Second to the left
   c) Five to the left
   d) Third to the left
   e) None of these

Directions (79-83): Study the following information carefully and answer the below questions.

Six exams – Tamil, English, Hindi, Mathematics, Chemistry and Physics are held in different dates, February 18, 19, 20, 21, 22, 23 and 24, but one of the date is the holiday.

English exam held in 23rd. Hindi exam held immediately before Mathematics. Neither February 18th nor 22nd is the holiday. Physics exam held in before Chemistry. Tamil exam held in after English. Only two exams held between English and Mathematics. Physics exam held in neither February 18 nor February 21st.

79) Which of the following date is the Holiday?
   a) February 19
   b) February 21
   c) February 20
   d) February 24
   e) None of these

80) How many exams held between Hindi and Physics?
   a) One
   b) Two
   c) Three
   d) Four
   e) None of these

81) Which of the following combinations is correct?
   a) February 20- Mathematics
   b) February 22- Physics
   c) February 19- Hindi
   d) February 21- Chemistry
   e) None of these

82) Hindi is related to Physics in a certain way based on the given arrangement. In the same way Chemistry is related to Tamil. Then which of the following exams is Mathematics related to?
   a) Chemistry
b) Holiday
c) Hindi
d) English
e) None of these

83) How many exams held after Holiday?
   a) Five
   b) Four
   c) Three
   d) Two
   e) None of these

Directions (84-85): Study the following information carefully and answer the below questions.
Point of F is 12m to the north of point B. Point C is 10m to the east of point F. Point D is 6m to the south of point C. Point E is 6m to the west of point D. Point A is 6m to the south of point E.

84) Which direction is Point A with respect to Point B?
   a) North
   b) West
   c) East
   d) South–East
   e) None of these

85) How far is Point D from Point A?
   a) 12m
   b) 6√2m
   c) 9√2m
   d) 6√3m
   e) None of these

Directions (86-90): Study the following information carefully and answer the below questions.

972845781246546182938735941

86) How many such 2’s are there in the given sequence which are not immediately preceded by an odd number and not immediately followed by an even number?
   a) None
   b) One
   c) Two
   d) Three
   e) None of these

87) How many perfect cubes are there in the given sequence which is immediately preceded by a perfect square?
   a) One
   b) Two
   c) None
   d) Three
   e) None of these

88) If all the odd digits are dropped from the given sequence, which of the following will be seventh from the right end of the arrangement?
   a) 6
   b) 4
   c) 2
   d) 8
   e) None of these

89) How many such 5’s are there in the given sequence, which is immediately preceded by a perfect square?
   a) None
   b) One
   c) Three
   d) Two
   e) None of these

90) How many such 8’s are there in the given sequence which is immediately preceded by an odd number and also immediately followed by an odd number?
   a) None
   b) Three
   c) One
   d) Two
   e) None of these

Directions (91-93): Study the following information carefully and answer the below questions.

Give Answer:

91) Statements:
P=M≤L, I=H=E, B=L, P>R<E, S≥I

Conclusions:
I) B>R
II) H≤L

92) Statements:
S≤T, T≥A, A≤B≥C, E=G≤C

Conclusions:
I) S<C
II) C<T

93) Statements:
H≤I≤L, M≥N, H>O≥P, T=L, N>U>P

Conclusions:
I) T≥H
II) L>P

94) Which of the following will be the next combination of the given series?
AY6, EU12, JP24, PJ42,?
a) XB56
b) VD48
c) WC66
d) TC58
e) None of these

95) If all the letter of the word ‘FRIENDS’ are arranged as per the alphabetical order from left to right, then how many letters will not change their positions?
a) One
b) None
c) Two
d) Three
e) None of these

96) How many persons sit between V and Vacant floor?
a) One
b) Two
c) Three
d) Four
e) None of these

97) What is the position of X with respect to U?
a) Immediate right
b) Second to the left
c) Third to the right
d) Fourth to the left
e) None of these

98) How many persons sits left of the vacant seats?
a) One
b) Four
c) Three
d) Five
e) None of these

99) What is the position of V with respect to Y?
a) Second to the left
b) Third to the right
c) Fourth to the left
d) Second to the right
e) None of these

100) Who among the following sits at the extreme ends of the line?
a) Y, X
b) W, V
c) U, W
d) Y, U
e) None of these

Answers:
Directions (1-5):
1) Answer: D)
‘sense a’ is correct usage.

2) Answer: D)
‘appetite for’ is correct usage.
3) Answer: E) Given sentence is correct.

4) Answer: B) ‘airlines in’ is correct usage.

5) Answer: E) Given sentence is correct.

Directions (6-10):

6) Answer: C) Tackle - Block

7) Answer: B) Bluntly – in an uncompromisingly forthright way

8) Answer: A) Pitch - level

9) Answer: C) Perverse - Unorthodox

10) Answer: C) Scramble – fight

Directions (11-15):

11) Answer: B) Usage done in option B is grammatically correct.

12) Answer: C) Usage done in option C is grammatically correct.

13) Answer: C) Usage done in option C is grammatically correct.

14) Answer: B) Usage done in option B is grammatically correct.

15) Answer: D) Usage done in option D is grammatically correct.

Directions (16-20):

16) Answer: B) The words ‘laughing, which’ fit correctly in the given sentence

17) Answer: A) The words ‘knack, ambiguity’ fit correctly in the given sentence

18) Answer: A) The words ‘pitted, fiercely’ fit correctly in the given sentence

19) Answer: C) The words ‘Toppled, Engendering’ fit correctly in the given sentence

20) Answer: D) The words ‘in, nuisance’ fit correctly in the given sentence

Directions (21-30):

21) Answer: B) ‘Quid Pro Quo’ means ‘a favour or advantage granted as substitute for something’

22) Answer: B) The passage talks of Mr. Lula’s doings and his methods to get in power. Hence, option B is correct.

23) Answer: A) Emblematic - Typical

24) Answer: C) ‘But upholding Lula’s request would have had big negatives, too. It would have reversed the court’s own doctrine, established by the same narrow margin just two years ago, that the guilty can be jailed after their sentence is confirmed on first appeal’. This would have led to mistrust in judiciary.
25) Answer: B)  
‘Exhausted’ means ‘Worn out’

26) Answer: A)  
‘Vendetta’ means ‘Quarrel’ and hence the antonym is ‘Harmony’

27) Answer: B)  
‘Credibility’ means ‘Trustworthiness’ and hence the antonym is ‘Deceit’

28) Answer: C)  
‘Emblematic’ means ‘Typical’

29) Answer: C)  
‘Peddling’ means ‘Hawking’

30) Answer: B)  
‘Crusading’ means ‘Lobbying’

Directions (31-35):

31) Answer: D)  
350 + (1³ - 5) = 346  
346 + (2³ - 5) = 349  
349 + (3³ - 5) = 371  
371 + (4³ - 5) = 430  
430 + (5³ - 5) = 550

32) Answer: B)  
40 * 2.5 = 100  
100 * 5 = 500  
500 * 7.5 = 3750  
3750 * 10 = 37500

33) Answer: A)  
1.6 * 0.4 = 0.64

35) Answer: b)  

Directions (36-40):

36) Answer: B)  
Total expenditure on died people = 2300 * 5 = 115 crore

37) Answer: D)  
Average number of died people  
= (Total number of died people)/(Number of years)  
= (1700+2300+4700+3100)/4  
= 11800/4 = 2950

38) Answer: A)  
Total number of persons partially injured in all years  
=(2300+3200+2800+2200) = 10500  
Thus average amount spent by government  
=(10500/4) * 50000  
= 13.125 crore

39) Answer: C)  
Required percentage = (5500/2500) * 100 = 220%

40) Answer: D)  
Number of persons died and partially injured in 2016 = 5500  
Number of persons died and partially injured in 2018 = 5300  
Thus required answer = 5500 - 5300 = 200

41) Answer: A)  
From question, we can find A’s age in 2020 = 24 years  
We know that age of both B and C is 4 less than A, i.e. 20  
Thus sum of ages of A, B and C in the year 2020 = (24+20+20) = 64  
The sum of the ages of A, B and C in the year 2018 = 64 - 6 = 58 years

42) Answer: C)  
From given data we can find the number of vacancies for PO and clerk i.e. 12000 and 8000 respectively.  
For PO post, male aspirants = 12000 * 2/5 = 4800,  
For clerk post number of male aspirants = 8000 * 3/5 = 4800  
Thus, total number of male = 4800 + 4800 = 9600
43) Answer: B)
From question, speed of downstream-speed of upstream=8km/hr
D - U = 8 ---> (1)
From question, speed of downstream +speed of upstream=20km/hr
D + U = 20 ----> (2)
By solving the equation (1) and (2), we get,
Speed of downstream = 14 km/hr, Speed of upstream = 6 km/hr
Thus time taken to cover 126 km in both ways
= (126/14) + (126/6) = 9 + 21
= 30 hrs
44) Answer: D)
Slant height of cone (l)=√(h²+r²)
Wkt  h=12cm
2πr=88cm
r=14cm
Thus slant height l=2√85 cm
45) Answer: D)
Quantity of mixture taken out =42  ( i.e.=24 ltr milk and 18 ltr water )
(4x-24+1)/(3x-18+2) = 5/4
x =12
Initial quantity of milk in the mixture = 4x = 48 liter
46) Answer: C)
Let assume the marked price of the article by A =100
Selling price of A or cost price of B =70
Selling price of B or cost price of C =100
Thus profit earned by B=(100-70)/70*100=42.85%
47) Answer: D)
At the end of 2016 he got Rs.1200 as an interest
So, interest amount becomes principle to another person
Thus, at end of 2017 interest received from the another person =1200*8/100=96
Total amount= 1200+96=1296
48) Answer: B)
From given data the speed of bus, car and train is 70, 40 and 80 respectively.
Thus time ratio is 560/70: 560/40:560/80=8:14:7
49) Answer: D)
Let’s take LCM  i.e. 24 units

One hour work of A, B and C = (3, 2, 4) out of 24 units
2 hours work for A and C = 2 * (3 + 4) = 2 * 7 = 14 units
3rd hour = (A + C - B) = 3 + 4 - 2 = 5 units
Remaining units = 24 - 19 = 5 units
4th hour work done by A and C in = 5/7 hour
Thus total time taken to fill the tank = 3 (5/7) hours.
50) Answer: A)
Required
probability=[(5C2*4C3)/12C5]+[(3C2*4C3)/12C5]
= (40+12)/792 = 52/792
=13/198

Directions (51-55):
51) Answer: c)
Total male babies of X and P=1320+2210=3530
52) Answer: B)
Required percentage= (1000/2750)*100=36 (4/11)%
53) Answer: A)
Required percentage=(1500-1250)/1500*100=16.67%
54) Answer: C)
Male babies from P and Q= (2210+1000)=3210
Female babies from P and Q=(2040+1250)=3290
Thus required ratio= 321:329
55) Answer: E)
Total male babies= (1320+2000+2210+1000) = 6530

Directions (56-60):
56) Answer: E)
I.4x²-4x-48=0
x²-x-12=0
(x - 4) (x + 3) = 0
x = 4, -3
II. 6y² - 6y - 12 = 0
y² - y - 2 = 0
(y + 1)(y - 2) = 0
y = 2, -1
Thus relationship can’t be established

57) Answer: E)

II. 8x² - 18x + 9 = 0
8x² - 12x - 6x + 9 = 0
x = 3/4, 3/2

58) Answer: C)

II. y² + 11y - 432 = 0
y² + 27y - 16y - 432 = 0
y = 16, -27
Thus relationship can’t be established.

60) Answer: B)

II. 2x² + 15x + 28 = 0
2x² + 8x + 7x + 28 = 0
x = -7/2, -4

61) Answer: B)

0.16 * 750 + 0.45 * 820 =?
120 + 369 =?
? = 489

62) Answer: A)

6 1/2 + 7 1/4 - 8 3/4 + 8 1/8 =?
(6 + 7 - 8 + 8) (1/2 + 1/4 - 3/4 + 1/8) =?
13(1/2 + 1/4 - 3/4 + 1/8) = 13(1/8)

63) Answer: D)

578 + 122 = 458 + 2* ?²
?² = 121
? = 11

64) Answer: C)

2/7 of 7/4 of 3/9 of 216 = ? - 132
? = ((2/7)* (7/4)* (3/9)* 216) + 132 = 168

65) Answer: A)

7777 ÷ 77 + 6666 ÷ 66 + 1111 ÷ 11 = ?
101 + 101 + 101 = 303

Directions (66-70):

<table>
<thead>
<tr>
<th>Floor No</th>
<th>Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>E</td>
</tr>
<tr>
<td>7</td>
<td>A</td>
</tr>
<tr>
<td>6</td>
<td>O</td>
</tr>
<tr>
<td>5</td>
<td>S</td>
</tr>
<tr>
<td>4</td>
<td>B</td>
</tr>
<tr>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>2</td>
<td>H</td>
</tr>
<tr>
<td>1</td>
<td>T</td>
</tr>
</tbody>
</table>

E lives in a floor whose floor number was twice as that of the floor number in which B lives.
Now we have 4 Cases.

Only two persons live between A and B.
A lives in one of the floors above B.
C lives immediately above H.
C does not live in the topmost floor.
H does not live in the lowermost floor.
From the above condition Case 3 was dropped and Case 1 and Case 4 derived from 2 Cases.
Only three persons live between O and H. S lives in one of the floors above T. T does not live in the even numbered floor. From the above condition Case 1(a), Case 1(b), Case 2 and Case 4(a) was dropped. So the final arrangement is:

<table>
<thead>
<tr>
<th>Floor No</th>
<th>Case 1(a)</th>
<th>Case 1(b)</th>
<th>Case 2</th>
<th>Case 4(a)</th>
<th>Case 4(b)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>E</td>
<td>E</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>C</td>
<td>C</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>H</td>
<td>C</td>
<td>H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>A</td>
<td>H</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>A</td>
<td>E</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>E</td>
<td>F</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>E</td>
<td>F</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>B</td>
<td>B</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

66) Answer: E)
67) Answer: E)
68) Answer: D)
69) Answer: C)
70) Answer: E)

Directions (71-73):

\[ G(\neg) = I(+) \]
\[ H(\neg) = B(+) \leftrightarrow A(+) = F(\neg) \]
\[ D(+) = E(\neg) \rightarrow C(\neg) \]

71) Answer: D)
72) Answer: A)
73) Answer: C)

Directions (74-78):

Only three persons sit between A and C. Only three persons sit between C and E. F sits second to the left of E. Now we have 2 Cases.

Case 1:

Case 2:

Only five persons sit between E and D when counted from the left of E. Only six persons sit between E and B. B is one of the immediate neighbour of C. G is not an immediate neighbour of E. G sits fourth to the left of B. From the above condition Case 2 was dropped and Case 1 derived from 2 cases.

Case 1:

Case 1(b):

Not more than four persons sit between G and F when counted from left of F. From the above condition Case 2(b) was dropped. So the final arrangement is.
74) Answer: D)
75) Answer: C)
76) Answer: E)
77) Answer: B)
78) Answer: D)

Directions (79-83):

<table>
<thead>
<tr>
<th>Date</th>
<th>Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 18</td>
<td>Hindi</td>
</tr>
<tr>
<td>February 19</td>
<td>Mathematics</td>
</tr>
<tr>
<td>February 20</td>
<td>Physics</td>
</tr>
<tr>
<td>February 21</td>
<td>Holiday</td>
</tr>
<tr>
<td>February 22</td>
<td>Chemistry</td>
</tr>
<tr>
<td>February 23</td>
<td>English</td>
</tr>
<tr>
<td>February 24</td>
<td>Tamil</td>
</tr>
</tbody>
</table>

English exam held in 23rd.
Tamil exam held in after English.
Neither February 18th nor 22nd is the holiday.
Now we have 3 Cases.

<table>
<thead>
<tr>
<th>Case 1</th>
<th>Case 2</th>
<th>Case 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>Exam</td>
<td>Exam</td>
</tr>
<tr>
<td>February 18</td>
<td>Hindi</td>
<td></td>
</tr>
<tr>
<td>February 19</td>
<td>Holiday</td>
<td>Mathematics</td>
</tr>
<tr>
<td>February 20</td>
<td>Physics</td>
<td></td>
</tr>
<tr>
<td>February 21</td>
<td>Holiday</td>
<td></td>
</tr>
<tr>
<td>February 22</td>
<td>Chemistry</td>
<td></td>
</tr>
<tr>
<td>February 23</td>
<td>English</td>
<td></td>
</tr>
<tr>
<td>February 24</td>
<td>Tamil</td>
<td>Tamil</td>
</tr>
</tbody>
</table>

Only two exams held between English and Mathematics.
Hindi exam held in immediately before Mathematics.
Physics exam held in before Chemistry.
Physics exam held in neither February 18 nor February 21st.

From the above condition Case 1 and Case 2 was dropped.
So the final arrangement is..

<table>
<thead>
<tr>
<th>Date</th>
<th>Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>February</td>
<td>Hindi</td>
</tr>
<tr>
<td>February</td>
<td>Mathematics</td>
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</tr>
<tr>
<td>February</td>
<td>English</td>
</tr>
<tr>
<td>February</td>
<td>Tamil</td>
</tr>
</tbody>
</table>

79) Answer: B)
80) Answer: A)
81) Answer: E)
82) Answer: B)
83) Answer: C)

Directions (84-85):

84) Answer: C)
85) Answer: B)

Directions (86-90):

86) Answer: B)
87) Answer: B)
88) Answer: A)
89) Answer: B)
90) Answer: D)
**Directions (91-93):**

91) Answer: A)
   I) B>R (S≥I=H=E>R<P=M≤L=B) - True
   II) H≤L (S≥I=H=E>R<P=M≤L=B) - False

92) Answer: D)
   I) S<C (S≤T≥A≤B≥C≥G=E) - False
   II) C<T (S≤T≥A≤B≥C≥G=E) - False

93) Answer: E)
   I) T≥H (H≤I≤L=T) - True
   II) L>P (P≤O<H≤I≤L) - True

94) Answer: C)
   AY6, EU12, JP24, PJ42, ?
   A, E, J, P, W (+4, +5, +6, +7)
   Y, U, P, J, C (-4, -5, -6, -7)
   6, 12, 24, 42, 66(+6, +12, +18, +24)
   Next series is WC66

95) Answer: C)
   F R I E N D S
   D E F I N R S
   Only two of the letters are in the same position.

**Directions (96-100):**

Case 5:

The vacant seat is not at any extreme ends of the line.
Only three persons sit between W and Y.
W sits second to the left of U.
Neither W nor Y is an immediate neighbours of Vacant seat.
Now we have 7 Cases.

96) Answer: C)
97) Answer: E)
98) Answer: C) 
99) Answer: D) 
100) Answer: B)