

LIC AAO PAPER

1. Seema walks 30m North. Then , she turns right and walks 30m then she turns right and walks 55m. Then, she turns left and walks 20m. Then, she again turn left and walks 25m. How many meters away is she from her original position?

- (a) 45m
- (b) 50m
- (c) 66m
- (d) 55m
- (e) None of The Above

2. Rajat moves from his office to the canteen straight at a distance of 12m. Then he turned left and walked for 2m. Then he turns left again and walks straight for 12m. How far is he from his office?

- (a) 10m
- (b) 12m
- (c) 8m
- (d) 2m
- (e) None of The Above

Directions(3 – 7): Read the following passage carefully and answer the question given below it.

Six friends Abhi, Deep, Myank, Prince, Rambo and Sumit married within a year in the months of February, April, July, September, November and December and in the cities of Ahmedabad, Bengaluru, Chennai, Delhi, Mumbai and Kolkata but not necessarily following the above order. The brides names were Geetu, Jasmeet, Harman, Bindia, Inpreet and Vanshika, once again not following any order. The following are some facts about their weddings.

- I. Myank's wedding took place in Chennai, however he was not married to Geetu or Vanshika
- II. Abhi's wedding took place in Ahmedabad and Rambo's in Delhi; however neither of them was married to Jasmeet or Bindia.
- III. The wedding in Kolkata took place in February
- IV. Harman's wedding took place in April, but not in Ahmedabad
- V. Geetu and Inpreet got married in February and November and in Chennai and Kolkata but not following the above order
- VI. Prince visited Bengaluru and Kolkata only after his marriage in December
- VII. Sumit was married to Jasmine to September

3. Harman's husband is

- a) Abhi
- b) Deep
- c) Rambo
- d) Prince
- e) Myank

4. Deep's wedding took place in

- a) Bengaluru
- b) Mumbai
- c) Kolkata
- d) Delhi
- e) Chennai

5. In Mumbai, the wedding of one of the friends took place in the month of

- a) April
- b) September
- c) November
- d) December
- e) July

6. Sumit's wedding was held in
- Bengaluru
 - Chennai
 - Kolkata
 - Delhi
 - Mumbai

7. Geetu was married to _____
- Mayank
 - Deep
 - Prince
 - None of these

Directions (8 – 12): In each question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is/are implicit in the statement.

Give Answer

- If only Assumption I is implicit
- If only Assumption II is implicit
- If Either Assumption I or II is implicit
- If Neither Assumption I nor II is implicit
- If Both Assumptions I and II are implicit

8. **Statement** – Many people fell ill after consuming meal at a wedding reception and were rushed to the nearby Government and private hospitals.

Assumptions

I. The relatives of the affected people may refuse to take them to the Government Hospitals.

II. The nearby Hospitals may be able to attend to all the affected people.

- Only Assumption I is implicit
- Only Assumption II is implicit
- Either Assumption I or II is implicit
- Neither Assumption I nor II is implicit
- Both Assumptions I and II are implicit

9. **Statement** – The Government has recently announced an incentive package for setting up new business ventures in the rural and promised uninterrupted power supply to all the units.

Assumptions

I. The Government may be able to supply adequate power to all such units.

II. People living in the rural areas may welcome the Government decision.

- Only Assumption I is implicit
- Only Assumption II is implicit
- Either Assumption I or II is implicit
- Neither Assumption I nor II is implicit
- Both Assumptions I and II are implicit

10. **Statement** – The municipal authority blocked movement of traffic in and around the temple on the main festival day.

Assumption

I. Very large number of devotees may visit the temple on the main festival day

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II. People travelling to the areas near the temple may postpone their journey by a day unless they have very urgent work in that area.

- a) Only Assumption I is implicit
- b) Only Assumption II is implicit
- c) Either Assumption I or II is implicit
- d) Neither Assumption I nor II is implicit
- e) Both Assumptions I and II are implicit

11. Statement – The Government has instructed all the private schools in the city to maintain the current fees for at least two more years.

Assumptions

I. The authorities of private schools may not follow the Government instruction as they are not dependent on Government Funds.

II. The parents of the students of private schools of the city may still be eager to pay higher fees.

- a) Only Assumption I is implicit
- b) Only Assumption II is implicit
- c) Either Assumption I or II is implicit
- d) Neither Assumption I nor II is implicit
- e) Both Assumptions I and II are implicit

12. Statement – The municipal authority has decided to demolish the old bridge on a bus road for constructing a new flyover.

Assumptions

I. The traffic department may be able to divert movement of vehicles through alternate roads.

II. The people travelling in the nearby areas may demonstrate to protest against authority's decision.

- a) Only Assumption I is implicit
- b) Only Assumption II is implicit
- c) Either Assumption I or II is implicit
- d) Neither Assumption I nor II is implicit
- e) Both Assumptions I and II are implicit

Directions 13 - 17) Study the following information carefully and answer the questions given below

8 persons – Ekam, Ford, Gabbar, Himmat, Inpreet, Johny, Karma and Loveleen - are sitting around a circle at equidistance but not necessarily in the same order. Some of them are facing towards the centre while some others are facing outside the centre. Loveleen is sitting 3rd to the left of Karma. Both Karma and Loveleen are facing towards the outside. Himmat is not an immediate neighbour of Karma or Loveleen. Johny faces the just opposite direction of Himmat. (It implies that if Himmat is facing towards the centre, Johny would face outside the centre). Johny is sitting 2nd to the left of Himmat. Both the immediate neighbours of Gabbar face just opposite direction of Gabbar. Ekam is an immediate neighbour of Karma. Both the immediate neighbour of Himmat face just opposite direction of Himmat. Ekam faces towards the centre and he is an immediate neighbour of both Karma and Inpreet. Inpreet faces towards the centre.

13. Who amongst the following are not facing towards the centre?
- Ekam, Ford and Inpreet
 - Ford, Gabbar and Johny
 - Himmat, Karma and Loveleen
 - Gabbar, Inpreet and Johny
 - None of these
14. What is the position of Gabbar with respect to Ekam?
- 2nd to the left
 - 3rd to the right
 - 4th to the left
 - 2nd to the right
 - 5th to the right
15. Who among the following is sitting exactly between Ford and Karma?
- Johny
 - Inpreet
 - Ekam
 - Gabbar
 - None of these
16. How many persons are sitting between Himmat and Karma if we move clockwise starting from Himmat?
- Three
 - Four
 - Five
 - Two
 - One
17. Which of the following statements is not true regarding the given sitting arrangement?
- Loveleen is sitting exactly between Gabbar and Inpreet
 - Himmat is sitting 3rd to the right of Karma
 - Ford and Inpreet are sitting just opposite to each other
 - Ekam is sitting 3rd to the left of Gabbar
 - All are true
18. In a class among the passed students Neeta is 22nd from the top and Kalyan, who is 5 ranks below Neeta is 34th from the bottom. All the students from the class appeared for an examination. If the ratio of the students, who passed in the examination to those who failed is 4:1 for the class, how many students were there in the class?
- 90
 - 60
 - 75
 - Data Inadequate
 - None of The Above

(Directions 19 – 21): Read the following caselet and choose the best alternative for the questions that follow:

Ajay was thinking deeply about a problem that his organization a business consulting company, faced Globalization had affected his company like many other companies. Despite the down turn, the current revenues remained healthy. However, Ajay knew it was inevitable that the company could not do business the same way. The complexity of managing the business had increased with time. Consultant were under pressure to deliver good and innovate solutions. The organization had consultants from different age groups having a good mix of domain and industry expertise. It

was a flat organization with three levels. The biggest challenge for Ajay was to have consultants with latest knowledge who would also earn revenues. Getting additional business was a challenge as all the consultants were busy and it was very difficult to hire new consultants.

19. Some of the consultants were adept at applying old solutions to new problems. Ajay was not very sure, if this would work for long. Some of the clients had complained about the performance of old and reputed consultants. Ajay was mulling over the following five solutions to tackle this problem.

- I. Decrease time spent on client interaction and increase time spent for generating solutions.
- II. Increase support staff to help consultants to remain updated
- III. Decrease the number of simultaneous projects handled by consultants.
- IV. Make it compulsory for consultants to work on inter – industry and inter domain problems
- V. Recruit more consultants

Which of the following would be the best sequence of decisions taken by Ajay (starting from immediate to distant)?

- a) 3, 2, 1, 5, 4
- b) 4, 3, 2, 1, 5
- c) 5, 4, 3, 2, 1
- d) 2, 4, 5, 1, 3
- e) 1, 5, 4, 3, 2

20. After Ajay implemented some of the steps mentioned above, consultants wanted to renegotiate their contract with the organization. It seems that the organization had never mentioned that consultants have to work across industries and domains. Some of the old consultants were reluctant to change their ways, while many of the younger consultants were willing to follow Ajay's advice.

Which of the following decision can be taken by Ajay to handle this situation?

- a) Retrench old consultants and recruit young consultants
- b) Pressurize non – conformists by giving preferential treatment to the conformists
- c) Negotiate with old consultants and communicate that the new rules would apply to the new consultants only
- d) Do nothing and wait for a right solution to emerge, as with the resistance would lie down
- e) Discuss the issue in an open house and let solutions emerge democratically

21. Ajay was to retire in 5 yr and he wanted to leave behind a legacy. Order the following activities, from the most important to the least important, that Ajay should undertake in next five years.

- I. Do nothing

- II. Set a future direction for the organization in these challenging times
- III. Benchmark performance with respect to the best consulting company in industry
- IV. Empower senior consultants and at the same time seek opinion of all others for handling future challenges outsiders.
- V. Infuse fresh thinking by hiring outsiders.

Choose the best option from the following sequences

- a) 1, 2, 3, 4
- b) 2, 3, 4, 5
- c) 3, 4, 2, 1
- d) 2, 5, 3, 1
- e) 2, 5, 4, 3

Directions (22– 26): In each of the questions below a statement is given followed by three courses of action numbered I,II and III. A course of action is a step or an administrative decision to be taken for improvement, follow up a further action in regard to the problem, policy etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, then decide which of the suggested courses of action logically follows worth pursuing.

22. **Statement** – Occurrences of natural calamities have now increased as compared to the situation five years ago.

Courses of Action

- I. Government should always be ready with the action plan for disaster management.
- II. Government should not permit development activities which are likely to cause harm to nature.
- III. Government should appoint a committee of environmentalists and scientists to work out plans to handle various calamities.

- a) Both I and II follow
- b) Both I and III follow
- c) Both II and III follow
- d) All follow
- e) None of The Above

23. **Statement** – Despite increasing BPO jobs in our country, a large number of educated youth are unemployed.

Courses of Action

- I. Government should give unemployment allowance to all unemployed youth.
- II. Government should introduce various schemes in different areas that will generate employment opportunities
- III. Efforts should be made by the society and the Government to encourage the youth for vocational education.

- a) Both I and II follow
- b) Both II and III follow
- c) Both I and III follow

- d) Only II follows
- e) None of The Above

24. Statement – Cases of Asthama sufferers have been rising, particularly in the big cities.

Courses of Action

- I. Civic authorities should ensure adequate supply of medicine at normal rates
- II. Civic authorities need to control the air pollution caused due to emission from vehicles.
- III. Act of tree cutting without permission should be severely punished.

- a) Both I and II follow
- b) Both II and III follow
- c) Only III follows
- d) Only II follows
- e) None of The Above

25. Statement – Many students at school and degree level are not able to master the subjects even if they have passed out with high scores.

Courses of Action

- I. Education boards should examine and revise the examination system to tap the real talent.
- II. Examination system at all levels should be so designed as to discourage rote learning.

III. Difficulty level of the examination papers should be significantly increased.

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

26. Statement – A large number of management institutes are mushrooming all over the country and not all the MBA's coming out are worth it.

Courses of Action

- I. The Government should follow stringent norms for granting permission to the management institutes.
- II. The students while taking admission should examine the market value for the degree, they are going to get.
- III. The employers should make MBA as an essential qualification only for the positions where it is genuinely essential.

- a) Only I follows
- b) Only II follows
- c) Both I and II follow
- d) All follow
- e) None of The Above

Directions (27 – 30) – In each question, two statements A and B are provided. These

may have a cause and effect relationship or may have independent causes.

Give answer

- a) If the statement A is the cause and statement B is its effect
- b) If the statement B is the cause and statement A is its effect
- c) If both statements are effects of independent causes
- d) If both statements are effects of some common cause

27. Statement A – Sri Lanka skipper Kumar Sangakara justified his decision to step down from the captaincy of the ODI and T20 teams by saying, ‘I will be 37 by the next World Cup and I can’t be sure of my place in the team. It is better that Sri Lanka is now led by a player who will be at the peak of his career during that tournament’

Statement B – Remarkably, unlike most skippers whose individual performance drops after assuming the leadership role, Sangakara has actually batted better as captain in all three formats of the game.

- a) The statement A is the cause and statement B is its effect
- b) The statement B is the cause and statement A is its effect
- c) Both statements are effects of independent causes
- d) Both statements are effects of some common cause
- e) None of The Above

28. Statement A – India is ranked fifth most powerful country in the world, next to US, China, Russia and Japan, in the hierarchy of top 50 nations, identified on the basis of their GDP, as per national security index.

Statement B – The assessment is based on defense capability, economic strength, effective population, technological capability and energy security of top 50 countries.

- a) The statement A is the cause and statement B is its effect
- b) The statement B is the cause and statement A is its effect
- c) Both statements are effects of independent causes
- d) Both statements are effects of some common cause
- e) None of The Above

29. Statement A – The prices of ‘silver’ have gone up from Rs. 27000 per kg to Rs. 50000 per kg in almost a year’s time.

Statement B – Indian Jewellers are receiving a lot of demand for the silver ornaments from American and European clients.

- a) The statement A is the cause and statement B is its effect
- b) The statement B is the cause and statement A is its effect
- c) Both statements are effects of independent causes
- d) Both statements are effects of some common cause
- e) None of The Above

30. **Statement A** – There is an alarming increase in the number of young unemployed MBA's this year in comparison to the last year's figures.

Statement B – Nearly one lakh applications were received against a recruitment call given by a private bank for only ten vacant posts.

- a) The statement A is the cause and statement B is its effect
- b) The statement B is the cause and statement A is its effect
- c) Both statements are effects of independent causes
- d) Both statements are effects of some common cause
- e) None of The Above

Quantitative Aptitude

31. A cistern has three pipes A, B and C. The pipes A and B can fill it in 4 and 5 hours respectively and C can empty it in 2 hours. If the pipes are opened in order at 1, 2 and 3 am respectively, when will the cistern be empty?

- a) 3 pm
- b) 4 pm
- c) 5 pm
- d) 6 am
- e) 7 am

32. A cistern, when full, is emptied by a waste pipe in 30 min., but if a tap (filling source) is opened, it takes 40 min to empty the cistern. How long the cistern will take to become full when both the pipes are working?

- a) 140 min
- b) 120 min

- c) 160 min
- d) 180 min
- e) 110 min

33. A cistern can be filled by two pipes A and B in $7\frac{1}{2}$ h. Both of them are open for $2\frac{1}{2}$ h and then B is closed. A alone now requires $6\frac{2}{3}$ h more to fill cistern. How long would A take to fill the cistern working alone?

- a) 8h
- b) 10h
- c) 9h
- d) $8\frac{1}{2}$ h
- e) None of The Above

34. Two taps A and B can fill a cistern in 12 min and 18 min respectively. They are turned on at the same time. If the tap A is turned off after 4 min, how long will tap B take to fill the rest of the cistern?

- a) 8 min
- b) 9 min
- c) 10 min
- d) 7 min
- e) 15 min

35. A tap can fill a swimming pool in h hours. What part of the pool is filled in y hours?

- a) Yh
- b) h/y
- c) y/h
- d) $y + h$
- e) $h - y$

36. A contract is to be completed in 56 days and 104 men were set to work, each working 8

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hours a day. After 30 days, $\frac{2}{5}$ of the work is finished. How many additional men may be employed so that work may be completed in time, each man now working 9 hours per day?

- a) 28
- b) 84
- c) 56
- d) 160
- e) None of The Above

37. If 3 men and 2 boys together earn Rs. 306 in 9 days while 7 men and 3 boys earn Rs. 639 in the same time. In how many days will 8 men and 6 boys together earn Rs. 376?

- a) 7 Days
- b) 5 Days
- c) 3 Days
- d) 6 Days
- e) 4 Days

38. P and Q can weave a mat in 12 days, Q and R together do it in 15 days. If P is twice as good a workman as R, find in what time Q will do it alone?

- a) 30 days
- b) 22 days
- c) 18 days
- d) 24 days
- e) 20 days

39. A sum of Rs. 300 was paid for a work that A can do in 32 days, B in 20 days, B and C in 12 days and D in 24 days. How much did C receive if all the four work together?

- a) Rs. 96
- b) Rs. 80

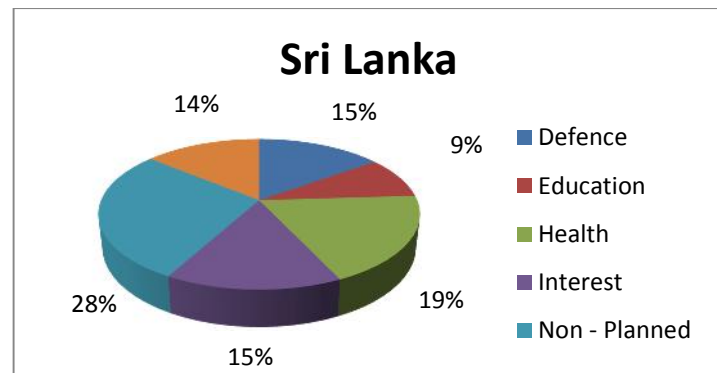
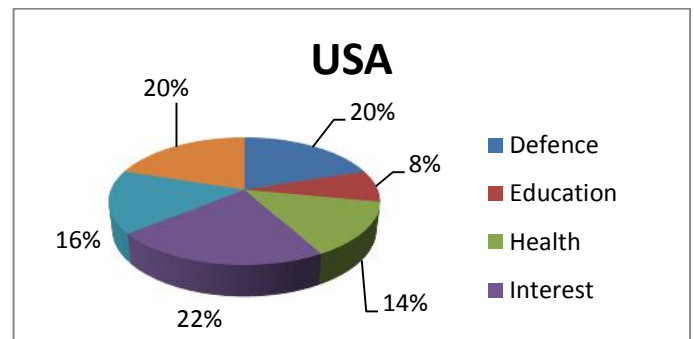
- c) Rs. 108
- d) Rs. 64
- e) Rs. 72

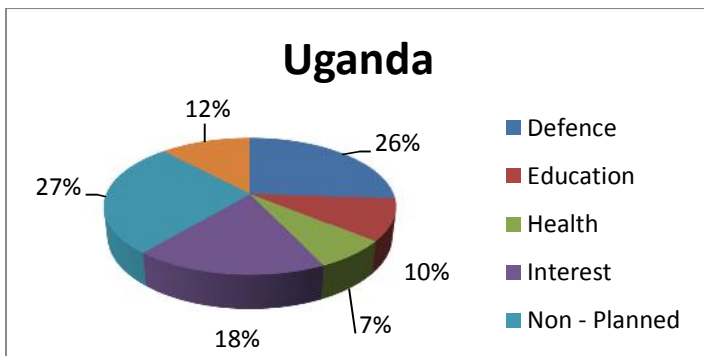
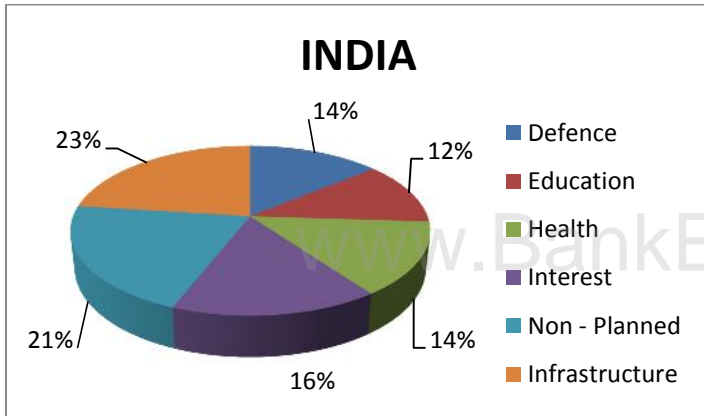
40. X, Y and Z can complete a job in 10 days. If Y does half what X and Z together do in 1 day, then in how many days can Y alone do the half work? a)

- a) 30
- b) 21
- c) 15
- d) 18
- e) 6

Directions for questions (41 – 47): Refer to the following pie charts and solve the questions based on it:

The following pie charts represent the budget expenditure of certain countries on various sectors for the year in 2007:





41. A country is said to be progressive if its education, health and infrastructure expenditure are in the top four expenditure sectors. How many of the four countries are progressive?

- a) 0
- b) 1
- c) 2
- d) 3

42. A country is said to be developing if its combined expenditure on education, health and infrastructure is at least 50% of the total expenditure. How many of the four countries are developing nations?

- a) 0
- b) 1
- c) 2

- d) 3
- e) None of The Above

43. If a country is under military rule, it will spend maximum on defence and minimum on either health or education. How many of the above countries are under military rule?

- a) 0
- b) 1
- c) 2
- d) Can't be Determined
- e) None of The Above

44. Which of the following sectors will have same ranking in the countries budget expenditures?

- a) Non – Planned
- b) Education
- c) Health
- d) Can't be Determined
- e) None of The Above

45. If the total budgetary expenditures of all the four countries are combined, which sector will account for the maximum expenditure?

- a) None Planned
- b) Interest
- c) Defence
- d) Can't be Determined
- e) None of The Above

46. The total budgetary expenditure of USA is four times the total budgetary expenditure of India; and the population of India is twice the population of USA. Then the per capita budgetary expenditure of USA is how many - -----times per capita expenditure of India.

- a) 8

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- b) 4
- c) $\frac{1}{8}$
- d) $\frac{1}{4}$
- e) None of The Above

47. The total budgetary expenditure of Sri Lanka is twice the total budgetary expenditure of Uganda. Under how many sectors in the budgetary expenditure in Uganda more than the budgetary expenditure in Sri Lanka

- a) 0
- b) 1
- c) 2
- d) 3
- e) None of The Above

48. A, B and C enter into a partnership. A initially invests Rs.25 lakhs and adds another Rs.10 lakhs after one year. B initially invests Rs.35 lakhs and withdraws Rs.10 lakhs after 2 years and C invests Rs.30 lakhs. In what ratio should the profits be divided at the end of 3 years?

- a) 10 : 10 : 9
- b) 20 : 20 : 19
- c) 20 : 19 : 18
- d) Data inadequate
- e) None of these

49. A and B started a business jointly. A's investment was thrice the investment of B and the period of his investment was two times the period of investment of B. If B received Rs.4000 as profit, then their total profit is :

- a) Rs.16,000
- b) Rs.20,000
- c) Rs.24,000
- d) Rs.28,000
- e) None of these

50. A, B and C started a shop by investing Rs.27,000, Rs.72,000 and Rs.81,000

respectively. At the end of the year, the profits were distributed among them. If C's share of profit be Rs.36,000, then the total profit was :

- a) Rs.80,000
- b) Rs.95,600
- c) Rs.1,08,000
- d) Rs.1,16,000
- e) None of these

51. A committee of five persons is to be chosen from a group of 9 people. The probability that a certain married couple will either serve together or not at all is :

- a) $\frac{4}{9}$
- b) $\frac{5}{9}$
- c) $\frac{13}{18}$
- d) Data inadequate
- e) None of these

52. In how many different ways can the letters of the word 'SOFTWARE' be arranged in such a way that the vowels always come together?

- a) 120
- b) 360
- c) 1440
- d) 13440
- e) 720

53. In how many different ways can the letters of the word 'AUCTION' be arranged in such a way that the vowels always come together?

- a) 30
- b) 48
- c) 144
- d) 576
- e) None of these

54. Two cards are drawn from a pack of 52 cards. The probability that either both are red or both are kings, is:

- a) $\frac{7}{13}$
- b) $\frac{3}{26}$
- c) $\frac{63}{221}$
- d) $\frac{55}{221}$

e) None of these

55. The probability that a card drawn from a pack of 52 cards will be a diamond or a king is:

- a) $\frac{2}{13}$
- b) $\frac{4}{13}$
- c) $\frac{1}{13}$
- d) $\frac{1}{52}$
- e) None of these

56. The difference between the ages of two persons is 10 years. Fifteen years ago, the elder one was twice as old as the younger one. The present age of the elder person is:

- a) 25 years
- b) 35 years
- c) 45 years
- d) 55 years
- e) None of these

57. Father is aged three times more than his son Ronit. After 8 years, he would be two and a half times of Ronit's age. After further 8 years, how many times would he be of Ronit's age?

- a) 2 times
- b) $2\frac{1}{2}$ times
- c) $2\frac{3}{4}$ times
- d) 3 times
- e) None of these

58. An express train travelled at an average speed of 100 km/hr, stopping for 3 minutes after every 75 km. How long did it take to reach its destination 600 km from the starting point?

- a) 6 hrs. 21 min.
- b) 6 hrs. 24 min.
- c) 6 hrs. 27 min.
- d) 6 hrs. 30 min.
- e) None of these

59. Sound is said to travel in air at about 1100 feet per second. A man hears the axe striking the tree, $\frac{11}{5}$ seconds after he sees it strike the tree. How far is the man from the wood chopper?

- a) 2197 ft
- b) 2420 ft
- c) 2500 ft
- d) 2629 ft
- e) None of these

60. The speed of a car increases by 2kms after every one hour. If the distance travelling in the first one hour was 35kms. What was the total distance travelled in 12hours?

- a) 456kms
- b) 482kms
- c) 552kms
- d) 556kms
- e) None of these

General Awareness

61. Who has won the 2016 Malaysia Masters Grand Prix Gold Badminton Title?

- a) Prajakta Sawant
- b) Saina Nehwal
- c) K Maneesha
- d) P.V. Sindhu
- e) None of The Above

62. Recently, in which state Union Cabinet clears President Rule:

- a) Mizoram
- b) Nagaland
- c) Arunachal Pradesh
- d) Assam
- e) None of The Above

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63. Recently, Pandit Shankar Ghosh passed away in Kolkata. He was eminent:
- Tabla Player
 - Banjo
 - Flautist
 - Veena
 - None of The Above
64. Recently, India's digital payment startup company TranServ has launched country's first Social Mobile Walled named _____:
- Xpect
 - Wiser Earth
 - Zooma
 - Udio
 - None of The Above
65. The first Ministerial Meeting of Arab - India Cooperation Forum was held at:
- Ankara, Capital city of Turkey
 - Abu Dhabi, Capital city of Dubai
 - Doha, Capital city of Qatar
 - Manama, Capital city of Bahrain
 - None of The Above
66. Recently, State owned Oil and Natural Gas Corporation Limited (ONGC) has received environmental clearance for a project in the _____ basin in Andhra Pradesh:
- Krishna – Ganga
 - Godavari – Ganga
 - Krishna – Kaveri
 - Krishna – Godavari
 - None of The Above
67. Deposits in accounts opened under the government's flagship financial inclusion program Pradhan Mantri Jan Dhan Yojana (PMJDY) have crossed the Rs. _____ mark:
- 20,000 crore
 - 30,000 crore
 - 45,000 crore
 - 79,000 crore
 - None of The Above
68. Recently, Nirmala Gajwani passed away, She was former Deputy Speaker of :
- Gujarat Assembly
 - Haryana Assembly
 - Punjab Assembly
 - Uttar Pradesh Assembly
 - None of The Above
69. Government mobilizes _____ kg of Gold Under Monetization scheme:
- 700
 - 1200
 - 1000
 - 900
 - None of The Above
70. Capital of Hong Kong is:
- Dublin
 - Budapest
 - Hong Kong
 - Kingston
 - None of The Above
71. _____ will be the fastest growing big economy in the world in 2016 as per recently

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released United Nations World Economics Situation and Prospects 2016 report:

- a) Japan
- b) Pakistan
- c) India
- d) Nepal
- e) None of The Above

72. 19th National Conference on e - Governance begins in:

- a) Aurangabad
- b) Nagpur
- c) Lucknow
- d) Kanpur
- e) None of The Above

73. Who has been appointed as Prime Minister by Moldovan Parliament:

- a) Filip Swither
- b) Pavel Filip
- c) Filip Kotler
- d) Adolf Pavel
- e) None of The Above

74. Who has took charge as the Executive Director of Greenpeace India:

- a) Shashi Chellam
- b) Ravi Chellam
- c) Raghvir Chellam
- d) Rao K. Chellan
- e) None of The Above

75. Who has been appointed as the chairman of Central Board of Direct Taxes (CBDT)?

- a) Atulesh Jindal
- b) Atul Jindal

- c) Ajay Jindal
- d) Ajinkya Jindal
- e) None of The Above

76. Which country offered transfer of bio - farming technology to the India enhanced cooperation in the healthcare sector:

- a) Japan
- b) Mauritius
- c) America
- d) Qatar
- e) None of The

77. In which state, 'Nai Manzil' scheme has been launched first time?

- a) Jammu & Kashmir
- b) Himachal Pradesh
- c) Uttar Pradesh
- d) Maharashtra
- e) None of The Above

78. Google has entered into partnership with _____ to provide high speed public WiFi service:

- a) Indian Post
- b) Indian Railways
- c) Indian Airways
- d) Indian Transport
- e) None of The Above

79. Which country is the best country in the world for women to live in, according to a survey conducted by American Media Company US News and World Report:

- a) Japan
- b) Denmark

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- c) Hungary
- d) Burma
- e) None of The Above

80. Recently, Ravindra Reddy passed away. He was founder Chairman of MTAR. MTAR supplies:

- a) Indigenously developed radio systems
- b) Indigenously developed systems for weapons manufacturing for Indian Army
- c) Indigenously developed systems for India's space nuclear programs
- d) Indigenously developed IT technology programs
- e) None of The Above

81. India signed a \$ 250 million loan agreement with the _____ for Bihar Kosi Basin Development project, aimed at enhancing resilience to floods and increase agriculture productivity:

- a) IMF
- b) World Bank
- c) BIS
- d) International Investment Bank
- e) None of The Above

82. According to travel website TripAdvisor, Umaid Bhawan Palace in _____ is the world's best hotel of 2016:

- a) Kangra, Himachal Pradesh
- b) Jodhpur, Rajasthan
- c) Mumbai, Maharashtra

- d) Gandhi Nagar, Gujarat
- e) None of The Above

83. Which team won the Mushtaq Ali T20 Trophy recently?

- a) Gujarat
- b) Punjab
- c) Uttar Pradesh
- d) Kerala
- e) None of The Above

84. _____ replace Aamir Khan as 'Incredible India' brand ambassadors:

- a) Ajay Devgan and Kangna Ranaut
- b) Amitabh Bachchan and Priyanka Chopra
- c) Akshay Kumar and Kareena Kapoor
- d) Saif Ali Khan and Parineeti Chopra
- e) None of The Above

85. Who will be presented with the Technical Achievement Award for his contribution to cinema through "groundbreaking design", as announced on the Official Oscar Awards website?

- a) Neha Thakkar
- b) Rahul Thakkar
- c) Aneem Thakkar
- d) Brijesh K Thakkar
- e) None of The Above

86. Recently, Prime Minister Modi released a book titled 'The Z Factor: My Journey as the

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Wrong Man at the Right Time in New Delhi". The book is the autobiography of the promoter of:

- a) Sony Group
- b) Star Group
- c) Essel/Zee Group
- d) Fashion Group
- e) None of The Above

87. The Indian Space Research Organization (ISRO) and _____ signed a Memorandum of Understanding (MoU) on cooperation in the exploration and use of outer space for peaceful purposes:

- a) Iran Institute of Scientific Research
- b) Kuwait Institute of Scientific Research
- c) Iraq Institute of Scientific Research
- d) Afghanistan Institute of Scientific Research
- e) None of The Above

88. Recently, Mrinalini Sarabhai, wife of the late Dr Vikram Sarabhai passed away. She was eminent:

- a) Doctor
- b) Dancer
- c) Scientist
- d) Actress
- e) None of The Above

89. Capital of Portugal is:

- a) Rabat
- b) Bern

- c) Doha
- d) Lisbon
- e) None of The Above

90. Currency of Portugal is:

- a) Shilling
- b) Euro
- c) Pound
- d) Dollar
- e) None of The Above

Computer Knowledge

91. Computers use the _____ number system to store data and perform calculations.

- a) Decimal
- b) Hexadecimal
- c) Octal
- d) Binary
- e) None of The Above

92. Opera, Netscape Navigator, Mozilla, Safari etc are example of:

- a) web browser
- b) web portal
- c) application software
- d) system software
- e) None of The Above

93. In Core Banking System, what does CORE stands for:

- a) Centralized Online Record Exchange
- b) Centralized Office Real Time Exchange
- c) Centralized Online Real Time Exchange
- d) Central Online Real Time Exchange
- e) None of The Above

- 94.** What is an E - Mail Attachment?
- a) A receipt sent by the recipient
 - b) A separate document from another program sent along with an E - mail message
 - c) A malicious parasite that feeds off of your messages and destroys the contents
 - d) A list of CC or BCC recipients
 - e) None of The Above
- 95.** Which of the following is not a browser?
- a) Netscape Navigator
 - b) Web Master
 - c) Internet Explorer
 - d) Opera
 - e) None of The Above
- 96.** DSL is an example of a(n) _____ connection.
- a) Network
 - b) Computer
 - c) Wireless
 - d) Broadband
 - e) None of The Above
- 97.** Chief component of first generation computer was:
- a) vacuum tubes
 - b) valves
 - c) Both of The Above
 - d) Wireless Technology
 - e) None of The Above
- 98.** All of the following are search engines EXCEPT:
- a) Alta Vista
 - b) Dogpile
 - c) Google
 - d) Verisigh
 - e) None of The Above
- 99.** Which among the following is not true?
- a) Chatting is like email
 - b) Chatting can only be done with a single person
 - c) Chatting can involve multiple persons
 - d) Chatting is an electronic dialogue
 - e) None of The Above
- 100.** Computer _____ or just _____, is a collection of computer programs and related data that provide the instructions for telling a computer what to do and how to do the given job.
- a) Hardware
 - b) Software
 - c) Fidelity
 - d) Chips
 - e) None of The Above
- 101.** Which among the following definitions is incorrect?
- a) CAD - Computer Aided Design
 - b) CAM - Computer Aided Manufacturing
 - c) CASE - Computer Aided Software Engineering
 - d) EMI - Electro - magnetic interference
 - e) None of The Above
- 102.** What is Office Open XML:
- a) A file format
 - b) A software
 - c) An electronic device
 - d) An international standard
 - e) None of The Above
- 103.** A program written in machine language is called?

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- a) Assembler
- b) Object
- c) Computer
- d) Machine
- e) None of The Above

104. By pressing 'Alt + Shift + T' you can insert:

- a) the current date
- b) the current time
- c) the current screenshot
- d) All of The Above
- e) None of The Above

105. _____ virus is an example of Script Virus

- a) Go and Escape
- b) Catch Me
- c) I Love You
- d) I Hate You
- e) None of The Above

106. Internet's initial development was supported by:

- a) ARPANET
- b) IBM
- c) Microsoft
- d) None of The Above

107. World Wide Web was proposed by:

- a) Bill Gates
- b) Bill Rogers
- c) Tim Berners Lee
- d) None of The Above
- e) All of The Above

108. What are the uses of the Internet?

- a) Communication
- b) Information Retrieval
- c) Presentation of Information
- d) All of The Above

e) None of The Above

109. .net domain is used for:

- a) Educational Institution
- b) Internet infrastructure and Service Providers
- c) International Organizations
- d) All of The Above
- e) None of The Above

110. Role of IP addressing is:

- a) A name indicates what we seek
- b) An address indicates where it is
- c) A route indicates how to get there
- d) All of The Above
- e) None of The Above

111. Which among the following is correct about the 'Artificial Intelligence'?

- a) It is science and engineering of making intelligent machines, especially intelligent computer programs
- b) Artificial Intelligence is the intelligence exhibited by machines or software
- c) Artificial Intelligence is the branch of computer science concerned with making
- d) All of The Above
- e) None of The Above

112. Which among the following definitions are correct:

- a) Epistemology – It is study of the kinds of knowledge that are

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required for solving problems in the world.

- b) Ontology – It is the study of the kinds of things that exist. In AI, the programs and sentences deal with various kinds of objects and we study what these kinds are and what their basic properties are. Emphasis on ontology begins in the 1990.
- c) Both of The Above
- d) None of The Above

113. Which among the following is used to access the network?

- a) Application Layer
- b) Presentation Layer
- c) Session Layer
- d) All of The Above
- e) None of The Above

114. In OSI Model, OSI stands for:

- a) Open Systems Interconnection
- b) Operational System Interconnection
- c) Occur System Interconnection
- d) None of The Above

115. What is the environment variable that contains a list of directions where Java looks for classes referenced in a program:

- a) CLASSPATH
- b) PATHDIR
- c) SEARCHPATH
- d) PATHCLASS
- e) None of The Above

116. BIOS Stands for:

- a) Basic Input Output Software
- b) Basic Input Output System
- c) Basic Input Output Standards
- d) None of The Above

117. What do you call a single point on a computer screen?

- a) Cell
- b) Element
- c) Pixel
- d) None of The Above

118. How was the generations of computer classified?

- a) By the speed of the computer
- b) By the model of the computer
- c) By the device used in memory & processor
- d) By the accuracy of the computer
- e) None of The Above

119. Which one is the Low Level Language?

- a) Assembly
- b) Visual Basic
- c) Java
- d) C++
- e) None of The Above

120. First time after establishment, MS – Word was known as:

- a) Multi Work Word
- b) Multi Tool Word
- c) Multi Task Word
- d) None of The Above

English Language

Directions(121 – 125): In the sentence below a word is given as blank, below the sentence five words/group of words are suggested, one of which can replace the blank. Find the appropriate word/group of words in each case.

The Carnegie Council is pleased to announce the release of the spring 2003 issue of its _____(121) journal (E and IA) Ethics & International Affairs. This issue of E & IA examines pressing concerns such as the _____(122) use of force, Israel’s policy of targeted killings, American unilateralism, and global economic justice.

“With the launching of war against Iraq, partly on grounds of preemption, many of these pieces take on added significance,” said Carnegie Council President Joel H. Rosenthal. “The contributions to our Roundtable enhance and deepen the discussion of this issue by _____(123) how just war thinking, international law and international relations theory can help us to evaluate arguments for and against preemptive use of force.”

Along with a _____(124) examining Israel’s policy of targeted killings, this issue also includes a set of articles on measures for reforming international monetary arrangements, aid conditionality and the Bretton Woods institutions as means as for _____(125) global economic justice.

121.

- a) Front Runner
- b) Managerial
- c) Mothership
- d) Flagship
- e) None of The Above

122.

- a) Averting
- b) Defensive
- c) Protective

- d) Preemptive
- e) None of The Above

123.

- a) Surveying
- b) Outlining
- c) Judging
- d) Investigating
- e) None of The Above

124.

- a) Agitation
- b) Harmony
- c) Wrangle
- d) Debate
- e) None of The Above

125.

- a) Hindering
- b) Depressing
- c) Nourishing
- d) Promoting
- e) None of The Above

Directions (126 – 132): Study the following information carefully and answer the questions below:

An expatriate’s relationship with the host country is a shifting one, and during my eight years in Western Japan, I have run the whole gamut: Greenhorn – in – Wonderland, hypercritic, “Excuse –me 0 but – you’re standing –in- my Japan,” culture – intoxicate. I am returning to the U.K. at the end of March, but paradoxically, my tie with Japan is due to grow much stronger in mid May when my wife gives birth and I become the father of an infant Japanese – Briton.

This prospect changes everything. Many long – term western expatriates in Japan inhabit an

Edenic state of bourgeois affluence with no strings attached. We enjoy a comfortable lifestyle, yet remain untroubled by civic duties. We can't vote, we may lack linguistic fluency, our opinions are presumed to derive from our national stereotypes, we rarely blip on the national radar, so we are absolved from caring overly about where we live. Japan's problems, except in a Japan watching way, are not our problems. However, as someone who intends to return in five years to put a child through Japan's elementary – school system, the country's failings suddenly matter more.

My sharpest worry is that national homogeneity continues to be Japan's modern religion. There are no degrees of citizenship here: if you are not "a Japanese" your gaijin status is hammered home at every encounter with well – meant compliment on your chopstick skills. This is not an "Expat – as – Victim" article: I know that in the immigration authority's hierarchy of gaijinhood, Causasians have a far easier time than, say, Filipino "Japayukis," Russian exotic dancers or South American Laborers. My point is that foreignness is like a magical garment from a folktale, one with the sewn – in – curse that its wearers can't remove themselves. Only social consent will allow my child to feel at home in his or her Asian mother country.

Japan withholds this consent like a zealot withholds an admission of doubt. At the political level, there is no provision for dual nationality in adulthood, so on his or her twentieth birthday our child must go through the ritual of renouncing British citizenship in the eyes of British Law. On a civic level, even Hiroshima, my home for eight years and according to its tourist literate "the international city of peace," denies Korean conscripts killed in the A – bomb blast a monument in Peace Memorial Park because its foreign presence would sully the sanctum's

purity. "Internationalization," as oft – quoted a mantra here as anywhere, means little on street level beyond flag – bunting, expressway signs in English and more Starbucks franchises.

The sea – change necessary to update Japanese society's relationship with the rest of the world and its people is not on the horizon, not yet. Gerontocracy keeps younger talent away from powers of decision making, resulting in a US – bound brain drain, a Europe/New York City – bound arts drain and more depressing for a father – to – be, a "dream drain" : a pervasive acceptance that a creative and fulfilled life in a human – friendly environment lies only in the Paris of Amelia, the Rome of Audrey Hepburn's Holiday and the Canada or Hawaii of Japan Travel Bureau brochures. An economy gnawed by deflation produces a climate where xenophobia heats up, not cools down. Education should propagate multiculturalism but instead fosters cookie – cutter conformity in a marathon sprint to brand name universities which offer a woefully shoddy product. If my wife and I have a daughter, she may well need to sacrifice all hope of a rewarding career should she elect to stay in Japan as it is now. The political forces that steered Japan to global dominance in the 1980s are now to kick start the country back to life, but not dead enough to roll over, expire, and allow their 21st century successors to take over.

This pessimism may be too murky. Japan changes more by revolution than evolution. The Meiji Restoration of 1868 catapulted Japan into the industrial age in the blink of a historian's eye, as did the post – war economic "miracle" – a word employed by Western commentators who failed to see rapid growth coming. It may be that the demographic and financial meltdowns Japan faces protect the environment, modernize the economy,

strangle the Yakuza, muzzle corruption and crucially for my family's future, usher in a broader definition of what it is to be Japanese. I hope, so I have a strong affection for our child's Asian homeland, an affection that I want him or her to share as a native and not a curio. "Ah, so your child will be a Half, "I was told by my colleagues when they learned of my wife's pregnancy. "No, "I said, "my child will be a both."

126. When the author says his 'child will be both', he implies:

- a) That the child is both Japanese and British
- b) That his child should get the best of both the worlds – America and Japan.
- c) That his child should be equally accepted by both the English and the Japanese Society
- d) That his child should be looked upon as an individual in his own right.
- e) Both (a) and (b)

127. The author gives examples of 'expressways signs in English' and 'Starbucks franchisees' to

- a) Show the internationalization of Japan
- b) Prove that famous brands like Starbucks have outlets in Japan
- c) Show that getting around in Japan is not a problem or a foreigner
- d) None of the Above
- e) Only (b) and (c)

128. Which of the following is the author least likely to agree with?

- a) Japan suffers from an acute Xenophobia
- b) Most Western expatriates in Japan hold blue-collar jobs

- c) Japan does not acknowledge dual nationality upon adulthood
- d) In Japan politics is the domain of the old
- e) None of The Above

129. What does the word 'Gerontocracy' mean?

- a) A distrust of foreigners
- b) A distrust of political leaders
- c) A government ruled by old men
- d) A mistrust of young talent
- e) Both (c) and (d)

130. Which of the following can be inferred from the passage?

- a) Japan does not provide a conducive atmosphere for the nurturing of young talent in any field of study.
- b) Japan would maintain its status quo unless a natural calamity hits it
- c) The author's attitude would not have changed were he not to become a father
- d) None of The Above
- e) All of (a), (b) and (c)

131. The style of the passage can be best described as:

- a) Analytical
- b) Expository
- c) Factual
- d) Argumentative
- e) Humorous

132. The main purpose of the passage is to:

- a) Voice out the alienation that a foreigner feels in Japan
- b) Protest against the unfair treatment meted out to foreigners in Japan
- c) Emphasize the need for multiculturalism and internationalization in their true meanings in Japan

- d) All of The Above
- e) Only (a) and (c)

Directions (133 – 137) Which of the phrases (a), (b), (c) and (d) given below each sentence should replace the word/phrase printed in *bold* in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, make (e) as the answer.

133. The abduction and return of the local leader within twenty four hours on Wednesday has **left some lose and** that have been intriguing investigators probing the case.
- a) Left some loosened endings
 - b) Been leaving some loosening ends
 - c) Leave some lose ends
 - d) Left some loose ends
 - e) No correction required

134. According to the investigators, the hammer used in the crime **was the one who** is used by security guards to sound the hourly bell on a metal plate while on duty.
- a) Are those ones which
 - b) Was the one that
 - c) Which one
 - d) Is ones that
 - e) No correction required

135. The fraud comes at a time when the unregulated microfinance industry is facing a crisis **on its way of** high interest rates and low repayment of loans.
- a) Because manner of
 - b) Since ways are
 - c) By way of

- d) In the way of
- e) No correction required

136. Preliminary investigation revealed that the woman had committed suicide **on account of** her failed attempt to enter the country.
- a) In place of
 - b) Being depressed of
 - c) In belief of
 - d) Reason being
 - e) No correction required
137. Frustrated families of the missing people **have sought access** to all documents and data concerning the search and the inclusion of international experts in the inquiry.
- a) Have sought accessing
 - b) Is seeking access
 - c) Are seeking accessed
 - d) Has sought accesses
 - e) No correction required

Directions(138 – 142) – In the question given below, a sentence has been divided into parts, out of which one part has an error. Choose the part which has error as your answer. In case there is no error then choose option (e) that is ‘no error’.

138. The Centre has woken up to the threat (a)/ posed by the terror outfit, Islamic State to India (b)/ as it sought to expand its global footprint and enroll fighters (c)/ from all over the world (d)/ No Error (e)
139. Three buildings in the vicinity of the Vishnu Garden (a)/ five storey house that collapsed (b)/ has been declared ‘dangerous’ by the local

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civic body (c)/ and are destined to go down as well (d)/ No Error (e)

140. The Central Government has indicated that (a) it may call a special session of parliament (b)/ to pass the Construction Amendment Bill (c)/ for the Goods & Services Tax Regime (d)/ No Error (e)

141. The Swachh Bharat toilet locator is the brainchild (a)/ of an IAS couple from Punjab, driven by (b)/ their own frustrating futile search (c) for a toilet in Delhi's Connaught Place (d)/ No Error (e)

142. Moving away from its earlier intention of submitting (a)/ a comprehensive climate action plan (b)/ India is preparing to make a minimalist offer (c)/ for slow down the growth of its greenhouse gas emissions (d)/ No Error (e)

Directions (143 – 150): In the following questions, choose the correct options to fill the blanks:

143. A _____ girl is full of vim and vigour.
a) Vivacious
b) Vivacity
c) Vivace
d) None of The Above

144. _____ must do one's duty honestly.
a) He
b) One
c) You
d) None of The Above

145. She cried but _____ heard her.
a) nobody
b) anybody
c) somebody
d) None of The Above

146. _____ can solve this difficult sum.
a) All
b) Everyone
c) No one
d) None of The Above

147. _____ like the size of a cat jumped over his head.
a) something
b) anything
c) nothing
d) None of The Above

148. _____ wants to be rich.
a) No body
b) Everybody
c) Anybody
d) None of The Above

149. _____ like to live a miserable life.
a) Nobody
b) Anybody
c) Everybody
d) None of The Above

150. He is not choosy. He will eat _____ you give him.
a) nothing
b) something
c) Everything
d) None of The Above

151. Is there _____ home?
a) Somebody
b) anybody
c) everybody

d) None of The Above

a) B

b) C

c) D

d) E

e) F

152. I think there is _____ at home.

a) nobody

b) anybody

c) all

d) None of The Above

155. Which of the following should be the Third sentence after rearrangement?

a) A

b) B

c) C

d) D

e) E

Directions (Q. 153 - 157): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph and then answer the questions given below.

A. I, therefore, contacted him, found out his fees and that he wanted to study at a Teacher's Training College.

B. He sent me a letter of thanks but I was surprised also to find some currency notes in the envelope.

C. While reading the newspaper, I saw an interview with a boy who had ranked eighth in the SSC exams.

D. He knew I did not expect any account of the money, yet he had returned the balance of the amount I had sent, as his expenditure was less.

E. He was unable to study further because his father earned only forty rupees a day.

F. I, accordingly, sent Rs.1800 to cover his expenses for six months.

156. Which of the following should be the Fourth sentence after rearrangement?

a) B

b) C

c) D

d) E

e) F

157. Which of the following should be the Sixth (Last) sentence after rearrangement?

a) A

b) B

c) C

d) D

e) E

Directions (Q. 158-160) Read this sentence to find out whether there is any grammatical mistake/error in it. The error, if any, will be in one part of the sentence. Mark the part with the error as your answer. If there is no error, mark 'No error' as your answer. (Ignore the errors of punctuation if any).

158. Sugar sweetened drinks does not (a) / pose any particular health risk, and (b) / are not a unique risk factor (c) / for obesity or heart disease. (d) No error (e)

153. Which of the following should be the First sentence after rearrangement?

a) A

b) B

c) C

d) D

e) E

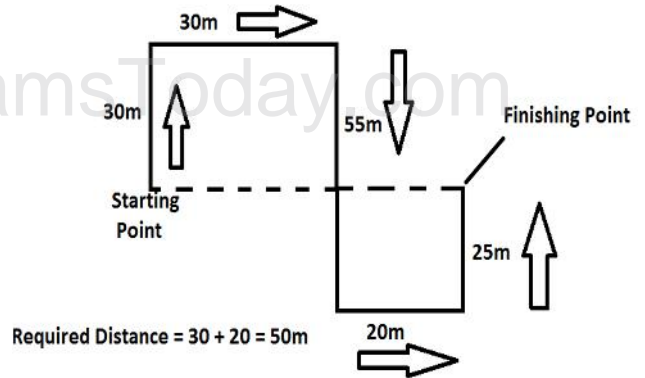
154. Which of the following should be the Second sentence after rearrangement?

159. Airline managements should note (a) / that the ultimate passenger unfriendliness (b) / is to have their planes crash (c) / due to the adopted of unsafe procedures. (d) No error (e)

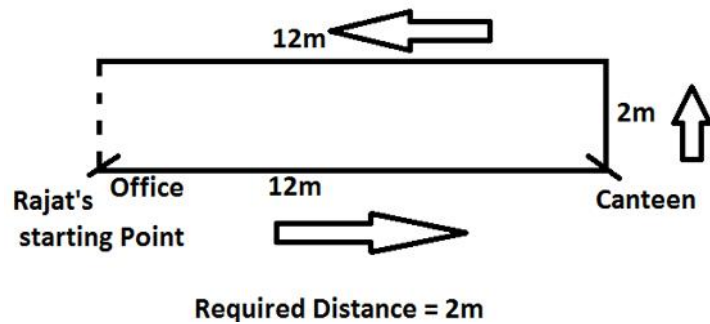
160. Celebrating its ten long years (a) / in the industry, a private entertainment channel (b) / announce a series of (c) / programmes at a press conference. (d) No error (e)

Solution

1. **Option B**



2. **Option D**



Solution (3 – 7)

| Husband | Wife | Place |
|---------|----------|-----------|
| Abhi | Vanshika | Ahmedaba |
| Deep | Geetu | Kolkata |
| Myank | Inpreet | Chennai |
| Prince | Bindia | Mumbai |
| Rambo | Harman | Delhi |
| Sumit | Jasmeet | Bengaluru |

3. **Option C**

4. **Option C**

5. **Option D**

6. **Option A**

7. **Option B**

8. **Option B**

Assumption I is invalid ad has no connection with the given statement. Assumption II is

implicit as if people go to nearby hospitals, they assume that those hospitals will be able to attend to all affected people.

9. Option E

If someone make a promise, he assumes that he would be able to fulfill it. Hence, Assumption I is valid. Again, since the business ventures are planned to be setup in rural areas, Assumption II must be implicit.

10. Option E

Assumption I is implicit as the municipal corporation takes this action in expectation of large number of devotees, Assumption II is also valid because whenever we plan something, we assume that conditions will be favorable enough.

11. Option D

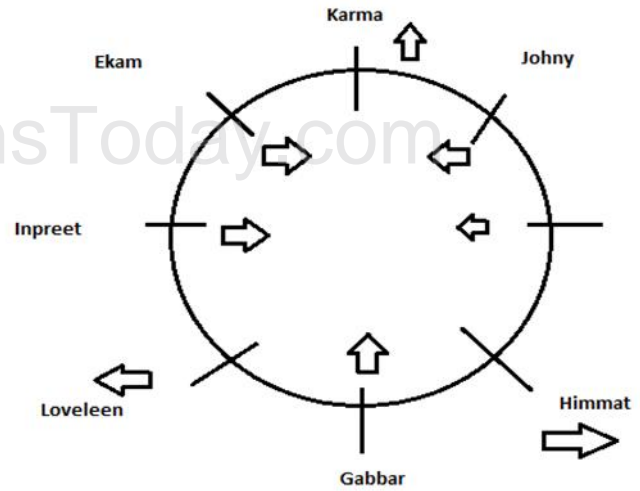
If an instruction is given, it is assumed that it may be followed. Hence, I is invalid. Assumption II is also invalid, if at all the Government assumes something about the parents, it is to the contrary that the parents may not be able to pay higher fees.

12. Option A

Assumption I is implicit as diversion would be necessary while the construction goes on. Assumption II is not implicit as negative reactions are not assumed.

Solution (13 – 17)

(Note - Arrows shows the face directions of 8 persons)



13. Option C

14. Option B

15. Option A

16. Option B

17. Option E

18. Option C

From among those who passed Neeta is 22nd from the top and Kalyan is 22 + 5 = 27th from the top and 34th from the bottom. Therefore, total number of students who passed the examination = 27 + 34 – 1 = 60

Therefore, total number of students in the class

$$= 60/4 \times 5 = 75$$

19. Option B

The sequence of decision taken by Ajay is 4, 3, 2, 1, 5

20. Option E

To tackle the situation and to reach a solution, he should discuss the issue in an open house and solutions should be welcomed.

21. Option B

The least option is 2, 3, 4, 5

22. Option D

If the Government is not ready with the action plan for disaster management, then it is not

possible to remove distress, hence Course of action I is appropriate. If the Government permits development activities which are likely to cause harm to nature, then natural calamities will increase, hence II follows. If the Government appoints a committee of environmentalists and scientists and takes action accordingly, then it will be beneficial. Hence, Course of action III is appropriate.

23. Option B

If the Government gives allowances to all the unemployed youths, then there will be great loss of money and they will not think for their future. Hence, I option does not follow. II follows because various schemes in different areas will reduce the unemployment. If the Government and society introduce vocational education, it will also reduce unemployment. Hence, Course of Action III follows.

24. Option A

Civic authorities should ensure adequate supply of medicine at normal rates. By this we can control asthma. Hence, course of action I follows. Pollution is caused due to emission of fumes from vehicles. Due to this, problem in breathing is caused and asthma spreads. Hence, controlling pollution is necessary. Hence, II follows but course of action III is not related to the statement.

25. Option C

Course of action I follows because on examining the examination system, the defects of the education system can be removed. Course of action II also follows because the system of education should be so designed as to discourage rote learning. But course of action III does not follow because it is of no use.

26. Option C

It is necessary for the Government to follow stringent norms for granting permission to the management institutes. For the students too, it is necessary to examine the market value of the degree while taking admissions. But course of action III is not related to the statement. Hence, course of action I and II are appropriate.

27. Option C

Both statements are effects of independent causes.

28. Option B

Statement B is the cause and Statement A is its effect because India's rank as the fifth most powerful country is based on its defense capability, economic strength, effective population, technological capability and energy security among top 50 countries.

29. Option C

The price of 'silver' going up from Rs. 27000 per kg to over Rs. 50000 per kg and Indian jewelers receiving a lot of demand for the silver ornaments from American and European clients are effects of independent causes.

30. Option A

Statement A is the cause and Statement B is its effect.

31. Option E

Up to 3 am both pipe fill the tank = $\frac{2}{4} + \frac{1}{5} = \frac{7}{10}$ part
Remaining $\frac{3}{10}$ part is filled in c hours, then
 $(\frac{1}{4} + \frac{1}{5} - \frac{1}{2})x = \frac{3}{10}$ $x = 6$ h. Cistern is filled at 1am + 6hr = 7am

32. Option A

33. Option B

Let the filling time for A and B are F_A and F_B
then both are open for $2\frac{1}{2}$ hr, part filled $\frac{5}{2} [\frac{1}{F_A} + \frac{1}{F_B}] = \frac{5}{2} (20 / 15)$
Next A is open for $6\frac{2}{3}$, part filled = $\frac{20}{3} [\frac{1}{F_A}]$

Since cistern is filled, so

$$[\frac{1}{3}] + \frac{20}{3} \times [\frac{1}{F_A}] = 1$$

$F_A = 10 \text{ hrs}$

- 34. Option A
- 35. Option C
- 36. Option C

Using Chain Rule, $\frac{104 \times 30 \times 8}{5} = \frac{(104+x)(56-30) \times 9}{1-\frac{2}{5}}$ rest wo

$x = 56$

- 37. Option E
- 38. Option E

(P + Q)'s 1 day work = 1/12. Let Q's 1 day work = 1/x
 P's 1 day work = 1/12 - 1/x
 (Q + R)'s 1 day work = 1/15 R's 1 day work = 1/15 - 1/x
 Since P is twice as good as R P's 1 day work = 2 × R's 1 day work
 $(\frac{1}{12} - \frac{1}{x}) = 2(\frac{1}{15} - \frac{1}{x})$ $\frac{1}{x} = \frac{2}{15} - \frac{1}{12} = \frac{1}{20}$ $x = 20$

- 39. Option D
- 40. Option C

Let X & Z together do 1/a work in 1 day, then Y do 1/2a work in 1 day, so
 $\frac{1}{a} + \frac{1}{2a} = \frac{1}{10} = 1 \text{ day's work of } (X + Y + Z)$
 $a = 15$, Y can do in 30 days (= 2a)
 Y can do half work in 15 days

- 41. Option A
- 42. Option A
- 43. Option D

By visual inspection we can see that option A is the correct answer.
 By visual inspection we can see that option A is the correct answer.
 Understand the logic that "If a country is under military rule, it will spend maximum on defence and minimum on either health or education" does not mean that if a country is

spending maximum on defence and minimum on either health or education, then it will under military rule.

- 44. Option D
- By visual inspection, we can see that option D is the correct answer.

- 45. Option D
- Since individual expenditures of the countries are not given, we can't determine it.

- 46. Option A
- 47. Option A
- 48. Option E

$A : B : C = (25 \text{ lakhs} \times 1) + (35 \text{ lakhs} \times 2) : (35 \text{ lakhs} \times 2 + 25 \text{ lakhs} \times 1) : (30 \text{ lakhs} \times 3)$
 $= 95 \text{ lakhs} : 95 \text{ lakhs} : 90 \text{ lakhs} = 19 : 19 : 18$

- 49. Option D
- Suppose B invested Rs. x for y months. Then, A invested Rs. 3x for 2y months.

So, $A : B = (3x \times 2y) : (x \times y) = 6xy : xy = 6 : 1$
 So, B's profit : total profit = 1 : 7

Let the total profit be Rs. x. Then, $\frac{1}{7} = \frac{4000}{x}$
 or $x = 28000$

- 50. Option A
- $A : B : C = 27000 : 72000 : 81000 = 3 : 8 : 9$
 So, C's share : total profit = 9 : 20

Let the total profit be Rs. x. Then, $\frac{9}{20} = \frac{36000}{x}$
 or $x = \frac{36000 \times 20}{9} = 80000$

- 51. Option A
- Total number of ways in which 5 people can be chosen out of 9 people = ${}^9C_5 = 126$
 Number of ways in which the couple serves the committee = ${}^7C_3 \times {}^2C_2 = 35$
 Number of ways in which the couple does not serve the committee = ${}^7C_5 = 21$
 Favorable number of cases = $35 + 21 = 56$
 Hence, the required probability = $\frac{56}{126} = \frac{4}{9}$

- 52. Option E
- The word 'SOFTWARE' contains 8 different letters.

When the vowels OAE are always together, they can be supposed to form one letter.

Thus, we have to arrange the letters SFTWR (OAE).

Now, 5 letters can be arranged in $5! = 120$ ways

The vowels (OAE) can be arranged among themselves in $3! = 6$ ways.

Required number of ways = $(120 \times 6) = 720$

53. Option D

The word AUCTION has 7 different letters.

When the vowels UIIO are always together, they can be supposed to form one letter.

Then, we have to arrange the letters CTN (UIIO).

Now, 4 letters can be arranged in $4! = 24$ ways.

The vowels (UIIO) can be arranged among themselves in $4! = 24$ ways.

Required number of ways = $(24 \times 24) = 576$

54. Option D

Clearly, $n(S) = {}^{52}C_2 = \frac{(52 \times 51)}{2} = 1326$

Let E_1 = event of getting both red cards,

E_2 = event of getting both kings

Then, $E_1 \cap E_2$ = event of getting 2 kings of red cards.

$$n(E_1) = {}^{26}C_2 = \frac{(26 \times 25)}{(2 \times 1)} = 325 ; n(E_2) =$$

$${}^4C_2 = \frac{(4 \times 3)}{(2 \times 1)} = 6$$

$$n(E_1 \cap E_2) = {}^2C_2 = 1$$

$$P(E_1) = \frac{n(E_1)}{n(S)} = \frac{325}{1326} \quad P(E_2) =$$

$$\frac{n(E_2)}{n(S)} = \frac{6}{1326} \quad P(E_1 \cap E_2) =$$

$$\frac{1}{1326}$$

$$P(\text{both red or both kings}) = P(E_1 \cup E_2)$$

$$= P(E_1) + P(E_2) - P(E_1 \cap E_2)$$

$$= \frac{325}{1326} + \frac{6}{1326} - \frac{1}{1326}$$

$$= \frac{330}{1326}$$

$$= \frac{55}{221}$$

55. Option B

Here, $n(S) = 52$

There are 13 cards of diamond (including one king) and there are 3 more kings.

Let E = event of getting a diamond or a king.

Then, $n(E) = (13 + 3) = 16$

$$P(E) = \frac{16}{52} = \frac{4}{13}$$

56. Option B

Let their ages be x years and $(x + 10)$ years respectively.

Then, $(x + 10) - 15 = 2(x - 15)$

$$x - 5 = 2x - 30$$

$$x = 25$$

So, present age of the elder person = $(x + 10) = 35$ years

57. Option A

Let Ronit's present age be x years. Then, father's present age = $(x + 3x)$ years = $4x$ years

$$\text{So, } (4x + 8) = \frac{5}{2}(x + 8)$$

$$8x + 16 = 5x + 40$$

$$3x = 24$$

$$x = 8$$

$$\text{Hence, required ratio} = \frac{4x + 16}{x + 16} = \frac{48}{24} = 2$$

58. Option A

$$\text{Time taken to cover 600 km.} = \left[\frac{600}{100} \right] \text{ hrs.} = 6 \text{ hrs.}$$

$$\text{Number of stoppages} = \frac{600}{75} - 1 = 7$$

$$\text{Total time of stoppages} = (3 \times 7) \text{ min}$$

$$= 21 \text{ min}$$

Hence, total time taken = 6 hrs. 21 min.

59. Option B

$$\text{Distance} = \left[1100 \times \frac{11}{5} \right]$$

feet

$$= 2420 \text{ feet}$$

60. Option C

LIC AAO Model Paper 2

Total distance travelled in 12 hours = (35 + 37 + 39 + Upto 12 terms)

This is an A.P. with first term, $a = 35$,
number of terms, $n = 12$, $d = 2$

$$\begin{aligned}\text{Required distance} &= \frac{12}{2} [2 \times 35 + \\ \{12 - 1\} \times 2] &= 6 (70 + 23) \\ &= 552 \text{ kms.}\end{aligned}$$

61. **Option D**

(P.V. Sindhu)

62. **Option C**

(Arunachal Pradesh)

63. **Option A**

(Tabla Player)

64. **Option D**

(Udio)

65. **Option D**

(Manama, Capital city of Bahrain)

66. **Option D**

(Krishna – Godavari)

67. **Option B**

(30,000 crore)

68. **Option A**

(Gujarat Assembly)

69. **Option D**

(900)

70. **Option C**

(Hong Kong)

71. **Option C**

India

72. **Option B**

Nagpur

73. **Option B**

Pavel Filip

74. **Option B**

Ravi Chellam

75. **Option A**

Atulesh Jindal

76. **Option B**

Mauritius

77. **Option A**

Jammu & Kashmir

78. **Option B**

Indian Railways

79. **Option B**

Denmark

80. **Option C**

Indigenously developed systems for India's space nuclear programs

81. **Option B**

World Bank

82. **Option B**

Jodhpur, Rajasthan

83. **Option C**

Uttar Pradesh

84. **Option B**

Amitabh Bachchan and Priyanka Chopra

85. **Option B**

Rahul Thakkar

86. **Option C**

Essel/Zee Group

87. **Option B**

Kuwait Institute of Scientific Research

88. **Option B**

Dancer

89. **Option D**

Lisbon

90. **Option B**

Euro

91. **Option D**

Binary

92. **Option A**

Web Browser

93. **Option C**

Centralized Online Real Time Exchange

94. **Option B**

A separate document from another program sent along with an E – mail message

95. **Option B**

Web Master

96. **Option D**

Broad Band

97. **Option C**

Both Vacuum Tubes and Valves

98. **Option D**

LIC AAO Model Paper 2

- Verisigh
99. **Option B**
Chatting can only be done with a single person
100. **Option B**
Software
101. **Option E**
None of The Above
102. **Option A**
A file Format
103. **Option A**
Assembler
104. **Option B**
The Current Time
105. **Option C**
I Love You
106. **Option A**
ARPANET
107. **Option C**
Tim Berners Lee
108. **Option D**
All of The Above
109. **Option B**
Internet Infrastructure and Service Providers
110. **Option D**
All of The Above
111. **Option D**
All of The Above
112. **Option C**
Both of The Above
113. **Option A**
Application Layer
114. **Option A**
Open System Interconnection
115. **Option A**
CLASSPATH
116. **Option B**
Basic Input Output System
117. **Option C**
Pixel
118. **Option C**
By the device used in memory & processor
119. **Option A**
- Assembly
120. **Option B**
Multi Tool Word
121. **Option D**
Flagship
122. **Option D**
Preemptive
123. **Option D**
Investigating
124. **Option D**
Debate
125. **Option D**
Promoting
126. **Option C**
127. **Option D**
128. **Option B**
129. **Option C**
130. **Option C**
131. **Option A**
132. **Option D**
133. **Option D**
134. **Option B**
135. **Option C**
136. **Option E**
137. **Option E**
138. **Option C**
Replace “sought” with “seeks”.
139. **Option C**
Replace “has” with “have”.
140. **Option E**
141. **Option C**
Replace ‘frustrating’ with ‘frustratingly’
142. **Option D**
Replace ‘slow’ with ‘slowing’
143. **Option A**
Vivacious
144. **Option B**
One
145. **Option A**

Nobody

146. **Option C**

No one

147. **Option A**

Something

148. **Option B**

Everybody

149. **Option A**

No body

150. **Option C**

Everything

151. **Option B**

Anybody

152. **Option A**

No body

153. **Option C**

154. **Option D**

155. **Option A**

156. **Option E**

157. **Option D**

158. **Option A**

159. **Option D**

160. **Option C**

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