

IBPS PO Exam 2020 Preparation E-Book

- > Complete Exam Details
- > Free Mock test

IBPS PO Preparation E-Book 2020

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I. Introduction Institute of Banking Personnel Selection has released the official notification for the post of Probationary Officers in various public sector banks of the country. IBPS PO 2020 Recruitment drive will be conducted for the below mentioned organisations:

Bank of Baroda	Canara Bank	Indian Overseas Bank	UCO Bank
Bank of India	Central Bank of India	Punjab National Bank	Union Bank of India
Bank of Maharashtra	Indian Bank	Punjab & Sind Bank	

The total number of vacancies released under IBPS PO Recruitment is 1417. The vacancies are less which means the competition and the level of exam is bound to rise. We assist you all with your IBPS PO Preparation, we have shared this free Ebook, where you will find all the relevant information for this exam in a single place. We have also shared 1 free mock test in Hindi as well as English for the upcoming IBPS Exam based on the latest pattern. Happy Reading!!

- II. IBPS PO Exam Details
- A. IBPS PO 2019 - List of Important Dates



Activity	Tentative Dates
On-line registration including Edit/Modification of Application by candidates	05.08.2020 to 26.08.2020
Payment of Application Fees/Intimation Charges (Online)	05.08.2020 to 26.08.2020
The download of call letters for Pre- Exam Training	September 2020
Conduct of Pre-Exam Training I	21.09.2020 to 26.09.2020
The download of call letters for Online examination – Preliminary	October 2020
Online Examination – Preliminary	03.10.2020, 10.10.2020 and 11.10.2020
Result of Online exam – Preliminary	October/ November 2020
The download of Call letter for Online exam – Main	November 2020
Online Examination – Main	28.11.2020
Declaration of Result – Main	December 2020
Download of call letters for interview	January 2021
Conduct of interview	January / February 2021
Provisional Allotment	April 2021

B. IBPS PO – Selection Procedure



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IBPS PO exam will be conducted in 3 stages: Prelims, Mains & Interview. To know the [selection process in detail](#), you can check in the post. You will also know about the weightage of each stage in final marks calculation.

III. IBPS PO - Exam Pattern and Detailed Syllabus

The pattern of IBPS Exam has changed from this year onwards. It is expected that IBPS will follow the pattern like SBI PO for the prelims and mains exam from this year. To know more about the [new exam pattern & detailed syllabus of IBPS PO 2020](#) you can check out our post. We have also shared the question/ marks wise weightage of each topic of different section for the Prelims and Mains exam in this post.

Check here [detailed syllabus of IBPS PO Quantitative Aptitude](#)

Check here [detailed syllabus of IBPS PO Reasoning Ability](#)

Check here [detailed syllabus of IBPS PO English Language](#)

IV. IBPS PO: Basic Information

A. IBPS PO Job Profile

Before you apply for any exam, it is essential that you have a clear idea of the type of tasks that you would need to undertake after selection. Job Profile of IBPS PO will help you understand the type of work you can expect in the banks, once you are selected. This ranges from common retail banking to loans & advances, For more details, check out our post on [Job Profile of IBPS PO](#) here!

B. IBPS PO Salary Structure

The basic salary of an IBPS PO is Rs. 23700/-. Apart from this, Probationary officers selected under IBPS are entitled to several other emoluments including an annual increment, dearness allowance, special allowance, city compensatory allowance, house rent allowance etc. For more details, go through the [Salary structure of IBPS PO](#) here. We are sharing the screenshot of salary for your reference.

C. IBPS PO - Career Growth Opportunities

The career progression after selection as IBPS PO is followed as mentioned below

1. Junior Management Grade – Scale I: Officer i.e. PO
2. Middle Management Grade – Scale II: Manager
3. Middle Management Grade – Scale III: Senior Manager
4. Senior Management Grade – Scale IV: Chief Manager
5. Senior Management Grade Scale V: Assistant General Manager
6. Top Management Grade Scale VI: Deputy General Manager
7. Top Management Grade Scale VII: General Manager
8. Executive Director (ED)
9. Chairman and Managing Director (CMD)

V. IBPS PO Previous Year Cutoff (Prelims as well as Mains)

It is essential that you have a clear understanding of the previous year cut off of IBPS PO exam. This will help you set your minimum attempt targets in the exam and help you score better.

IBPS PO Prelims Cut Off 2019

S. No.	Name of the Test	Maximum Marks	Cutoff Score	
			SC/ ST/ OBC/ PWD	General/EWS
1.	English Language	30	6.5	10.50
2.	Reasoning Ability	35	6.5	10.25
3.	Quantitative Aptitude	35	5.25	8.75



IBPS PO Prelims Cut Off 2019 - Category wise

Category	Cut-off Score (Out of 100)
General	59.75
SC	53.50
ST	46.25
OBC	59.75
HI (Hearing Impaired)	21.25
OC (Orthopaedically Challenged)	44.50
VI (Visually Impaired)	52.25
ID (Intellectual Disability)	20.75
EWS	59.75

IBPS PO Mains Cut Off 2019

S. No.	Name of the Test	Maximum Marks	Cutoff Score	
			SC/ ST/ OBC/ PWD	General/EWS
1.	Reasoning and Computer Aptitude	60	05.50	07.75
2.	Banking/Economy/General Awareness	40	05.00	08.00
3.	Data Analysis & Interpretation	60	02.50	05.25
4.	English Language	40	10.75	14.25
5.	English Language (Descriptive)	25	08.75	10.00

IBPS PO Mains Category wise Cut Off 2019

Name of Category	Cutoff on Total (Out of 225)
General	71.50
SC	55.63
ST	38.13
OBC	70.25
EWS (Economically Weaker Sections)	65.88
HI (Hearing Impaired)	41.00
OC (Orthopaedically Challenged)	46.13
VI (Visually Impaired)	70.50
ID (Intellectual Disability)	45.88

IBPS PO Final Cut off 2019

Category	SC	ST	OBC	EWS	UR	OC	VI	HI	ID
Maximum Scores	47.07	50.80	50.22	48.98	60.58	46.38	53.16	42.33	42.04
Minimum Scores	36.02	33.24	40.27	40.82	44.44	36.00	42.18	26.36	28.80

Check out our post of, [Previous year cut off of IBPS PO Exam\(2019,2018,2017 & 2016\)](#) here.



VI. Strategy to crack IBPS PO Exam 2019

If your basic approach is clear and you manage your time smartly, you can easily get through this exam. We shared an article with [important tips to clear IBPS PO exam in first attempt](#). We request you to go through the tips shared in this post. It will definitely help you improve your exam score and manage the remaining days before the exam efficiently.

Check here section wise strategies & tips:

[Ultimate Strategy to prepare Quantitative Aptitude for IBPS PO 2020](#)

[Ultimate Strategy to Increase Reasoning Score for IBPS PO 2020](#)

[Ultimate Strategy to increase English Score for IBPS PO 2020](#)

VII. IBPS PO Preparation Strategy & Study Plan

To help you out with your exam preparation we are providing you all a concise study plan which you should follow regularly in order to boost your score in the exam.

[IBPS PO 2020 Study Plan & Preparation Strategy, Check now!](#)

VIII. Important PDFs Links for IBPS PO Preparation

You must practice a lot of questions to increase your speed as well as accuracy. Here we are giving important links of PDFs of previous year and different topics of all three subjects i.e., Quantitative Aptitude, Reasoning & English.

[30 Data Interpretation Questions for IBPS PO 2020, Download PDF!](#)

[How to Prepare for IBPS PO 2020 while Working \(doing a full-time job\)](#)

[50 Important Puzzle & Seating Arrangement Questions: Download PDF](#)

IX. Other important stuff for IBPS PO preparation

[How to crack IBPS PO Exam 2020, Important strategy & Tips!](#)

[IBPS PO Previous Years' Trend \(2018, 2017, 2016, 2015\)](#)

[Major takeaways from SBI PO to clear IBPS PO Exam 2020](#)

[How to Prepare for IBPS PO 2020 Exam \(60 Days Study Plan\)](#)

X. How Gradeup is helping you prepare for IBPS PO 2020?

Read this article to know the role and efforts made by Gradeup to help you complete your dream of becoming PO in a PSU bank.

XI. IBPS PO Free Mock Test (English/ Hindi)

Mock tests are the best way to judge your exam preparation. They help you prepare for the exam in a proper simulated environment with a similar interface as that of the actual exam. This helps you manage your time properly and you can also overcome your exam phobia this way. We have shared a free mock test for the upcoming IBPS PO 2020, based on the latest exam pattern.

[Attempt IBPS PO Online Mock Tests 2020](#)

Direction (1 – 5) : Read the passage given below carefully and answer the questions that follow.

Batting for e-commerce start-ups in India, Tata Group Chairman Emeritus Ratan Tata, who has personally invested in nearly a dozen start-ups post-retirement, said that the young entrepreneurs with high ambitions should be supported and mentored. "E-commerce is the new trend in Indian commerce. I believe that young Indian entrepreneurs need to be encouraged, and there is need to mentor

young talent. This segment is emerging and should be supported," Mr. Tata said while addressing the 107th Annual General Meeting of the Indian Merchants' Chamber in Mumbai on Thursday.

Stating that he had put his personal money in these ventures and not that of others, he said it was difficult to predict whether these start-ups would emerge successful going forward. "It is difficult to predict. There is great deal of enthusiasm among the young entrepreneurs, and there are huge aspirations. Many external investors, who



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are very good at identifying emerging companies, have put their money. And, one has to wait and see (whether the invested companies would deliver)," Mr. Tata added. Admitting that the valuations of these new companies were sky high, Mr. Tata said this was a global phenomenon. This had been driving the growth of e-commerce start-ups and their valuation. "It (high valuation) is similar to elsewhere," he said. Irrespective of the valuation, one needed to encourage the youngsters, he added.

Answering a question whether corporate governance was of highest standard among the start-up community, Mr. Tata said governance must ensure that one obeyed the law of the land. The enforcement should be strict, he added. "We are weak on enforcement. There is inequality in enforcement," he said. Now that the government has made it mandatory for companies to spend two per cent of their profit on corporate social responsibility (CSR) activity, there has been concern whether the money is reaching the rightful beneficiaries. Answering a question on this, Mr. Tata said that CSR should come from within (the corporate) and should not be imposed as a tax. Many non-governmental organizations (NGOs) would get attracted to this money without having proper projects to implement. He said there should be proper guidelines as to where to use this fund.

Mr. Tata, who heads the Tata Trust that controls over 60 per cent of Tata Sons' equity, said that he had been personally mentoring many companies and people who wanted to help the needy through their CSR funds, be it in providing mid-day meals to the poor or any other charitable work. Speaking of the growing potential of e-commerce, he said, "I feel proud to see a new segment emerging in the country. Young people need to be encouraged and mentored to embrace ethical practices. They deserve a chance to prove themselves shoulder to shoulder with traditional businesses."

1. What according to Ratan Tata, will ensure powerful utilisation of CSR?

- A. NGOs should be given charge to execute a company's CSR
- B. An external, independent body should regulate CSR spendings
- C. CSR should come from within the company and should not be imposed as a tax
- D. Both 1 and 2
- E. None of these

2. What according to the passage is the reason for the growth of e-commerce?

- A. External investors have put in money
- B. Compulsory CSR mandate by the government
- C. Technological advancements in this field
- A. Only A
- B. Only B
- C. Both B and C
- D. Both A and B
- E. All A, B and C

3. What according to Mr Tata is a challenge with respect to corporate governance ?

- A. Startups are not mentored to follow laws
- B. The enforcement of the law of the land is weak
- C. Compliance to rules should come from within the organization and should not be enforced
- D. CSR funds of big corporates should be allocated to non-profit making start-ups
- E. Option 1 & 4

4. Which of the following best replaces the word "mentored" in the sentence, "the young entrepreneurs with high ambitions should be supported and mentored"?

- A. Tutored
- B. Aided
- C. Motivated
- D. Trained
- E. All of the above



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5. What according to the article is the reason why big industrialists would want to promote new business setups?

- A. Their personal money is at stake
- B. They want to do charity
- C. Start-ups should be given an opportunity to compete in the market
- D. Start-ups have a potential to ensure a country's economic growth
- E. There is no clear indication of a response to this question in the passage

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

6. A Indian rupee strengthened to a three-week high (1)/ on Wednesday morning, aided by a sharp fall (2)/ in global crude oil prices overnight, while (3)/ expected gains in local shares also helped sentiment. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

7. King Salman and the crown prince received Khashoggi's son (1)/ Salah and his brother Sahel at the Yamama Palace in Riyadh (2)/ on Tuesday, where the two royals expressed their condolences, (3)/ according to the state-run Saudi Press Agency, who ran the handshake photo. (4)

- A. 1
- B. 2
- C. 3

- D. 4
- E. No error

Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as No error. Ignore the errors of punctuation if any.

8. The camel is a beast of (1)/ burden and the most suitable animal (2)/ for desert. He is used to carry (3)/ goods across the desert. (4)/ No error (5)

- A. (1)
- B. (2)
- C. (3)
- D. (4)
- E. (5)

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. If the given sentence is correct as it is, mark the answer as "No error". Ignore the errors of punctuation if any.

9. In the present era of ubiquitous technology, (1)/ philosophers are beginning to (2)/ ask whether the biological anatomy (3)/ really captures the entirety of whom we are. (4)/ No error (5)

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. If the given sentence is correct as it is, mark the answer as "No error". Ignore the errors of punctuation if any.

10. Liza demonstrated the point (1)/ for great elegance using a (2)/ battered and stuffed robin, (3)/ bought for a shilling from a junk shop. (4)

- A. 1

- B. 2
- C. 3
- D. 4
- E. No error

Direction: In the following question, a sentence is given with a blank to be filled in with an appropriate word. Select the correct alternative and indicate it by selecting the appropriate option.

11. I don't have much _____. Just two small bags.

- A. Space
- B. Floor
- C. Luggage
- D. Things
- E. None of the above

Direction: In the following question, a sentence is given with a blank to be filled in with an appropriate word. Select the correct alternative and indicate it by selecting the appropriate option.

12. 'What does Alan look like?' He's got a long beard and very short _____.

- A. Chin
- B. Hands
- C. Height
- D. Hair
- E. None of the above

Direction: In the following question, a sentence is given with a blank to be filled in with an appropriate word. Select the correct alternative and indicate it by selecting the appropriate option.

13. There is room for everybody to sit down. There are a lot of _____.

- A. People
- B. Chairs
- C. Tables
- D. Floors
- E. None of the above

Direction: In the following question, a sentence is given with a blank to be filled in with an appropriate word. Select the correct alternative and indicate it by selecting the appropriate option.

14. The Brooklyn _____ was opened in 1883.

- A. River
- B. Bridge
- C. Glacier
- D. Sea
- E. None of the above

Direction: In the following question, a sentence is given with a blank to be filled in with an appropriate word. Select the correct alternative and indicate it by selecting the appropriate option.

15. Mary has a collection of expensive _____ dolls.

- A. World
- B. Silk
- C. Russia
- D. Russian
- E. None of the above

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, three alternatives to the bold part are given, more than one of which may help improve the sentence. Choose the option that reflects the correct use of the phrase in the context of the sentence. In case the given sentence is correct, your answer is option (E), i.e., "No correction required".

16. With summer around the corner, **American's have weeks of sun to look forward to.**

I. American's can now have weeks of sun for looking forward to.

II. Americans have weeks of sun to look forward to

III. America can now look forward to weeks of sun.

- A. Only I
- B. Only II
- C. Both I and II
- D. Both II and III
- E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence three alternatives to the bold part are given which may help improve the

sentence. Choose the option that reflects the correct use of the phrase in the context of the sentence. In case the given sentence is correct, your answer is (E) i.e. No correction required.

17. Jeff Bezos, Amazon's founder, wants India to be his second – largest market, after America, **and has been backing his plans for billions of dollars of investment.**

- I. To back his plans for billions of dollars of investment.
- II. And has backed his plans with billions of dollars of investment.
- III. To have backed his plans with billions of dollars of investment.
- A. Only I
- B. Only II
- C. Only III
- D. Both II and III
- E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence three alternatives to the bold part are given which may help improve the sentence. Choose the option that reflects the correct use of the phrase in the context of the sentence. In case the given sentence is correct, your answer is (E) i.e. No correction required.

18. The **importance in the event does not count on** and they keep on gazing with equal interest and absorption at a chorus girl or a man painting a sign.

- I. Importance in the event does count up
- II. Importance during the event does not count in
- III. Importance of the event does not count
- A. Only I
- B. Only II
- C. Only III
- D. Both II and III
- E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, three alternatives to the bold part are given, more than one of which may

help improve the sentence. Choose the option that reflects the correct use of the phrase in the context of the sentence. In case the given sentence is correct, your answer is option (E), i.e., "No correction required".

19. Despite the abuse and insults that were hurled at him, **he really sticks on his guns and showed the protesters** how to be calm.

- I. he really stuck onto his guns and showed the protesters
- II. he really stuck to his guns and showed the protesters
- III. he really is sticking his guns onto the protesters
- A. Only I
- B. Only II
- C. Only III
- D. Both II and III
- E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, three alternatives to the bold part are given, more than one of which may help improve the sentence. Choose the option that reflects the correct use of the phrase in the context of the sentence. In case the given sentence is correct, your answer is option (E), i.e., "No correction required".

20. The government cannot realize good price from certain assets but their disposal will **helped in stop the drain.**

- I. Help in stoppage in the drain
- II. Help stop the drain
- III. Be helping in draining
- A. Only I
- B. Only II
- C. Only III
- D. Both I and III
- E. No correction required

Direction (21 – 25) : In the passage given below, there are blanks, each followed by a word given in bold. Every



blank has four alternative words given in options (A), (B), (C) and (D). Find the word which best suits the place. If the given word suits the blank, mark 'no correction/change required' as the answer.

Global activity is firming broadly as expected. Manufacturing and trade are picking up, confidence is improving, and international financing conditions remain **(###Q1###) (preventive)**. Global growth is projected to strengthen in 2018-19, in line with January forecasts. In emerging market and developing economies (EMDEs), growth is **(###Q2###) (missed)** to recover in 2017-19, as obstacles to growth in commodity exporters diminish **(###Q3###) (between)** moderately rising commodity prices, and activity in commodity importers remains robust. Risks to the global outlook remain **(###Q4###) (tilted)** to the downside. These include increased trade protectionism; elevated economic policy uncertainty; the possibility of financial market disruptions; and, over the longer term, weaker potential growth. A policy **(###Q5###) (priority)** for EMDEs is to rebuild monetary and fiscal space that could be drawn on were such risks to materialize. Over the longer term, structural policies that support investment and trade are critical to boost EMDE productivity and potential growth.

21. Find the appropriate word in each case.

- A. corrosive
- B. perplexing
- C. sluggish
- D. benign
- E. No correction required

22. Find the appropriate word in each case.

- A. assume
- B. intended
- C. predicted
- D. stipulated
- E. No correction required

23. Find the appropriate word in each case.

- A. through
- B. for
- C. by
- D. amid
- E. No correction required

24. Find the appropriate word in each case.

- A. favoring
- B. wobbling
- C. steered
- D. swung
- E. No correction required

25. Find the appropriate word in each case.

- A. dilemma
- B. issue
- C. decision
- D. view
- E. No correction required

Direction: In the given question, a sentence is divided into five parts out of which the last part is correct. Out of the remaining four, there are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E i.e. All are correct as the answer.

26. The Chennai Super Kings (CSK) is a franchise cricket team / based in Chennai, Tamil Nadu. After serving a two-year suspension / from the IPL starting on July 2015 for the alleged involvement / of there owners in the 2013 IPL betting case, / **the Super Kings returned to the league in 2018.**

- A. The Chennai Super Kings (CSK) is a franchise cricket team
- B. Based in Chennai, Tamil Nadu. After serving a two-year suspension
- C. From the IPL starting on July 2015 for the alleged involvement
- D. Of there owners in the 2013 IPL betting case,
- E. All are correct

Direction: In the given question, a sentence is divided into five parts out of which the last part is correct. Out of the remaining four, there are errors in three



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parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E i.e. All are correct as the answer.

27. The Last Supper is a late 15th-century mural paintings / by Leonardo da Vinci, housed by the refectory of the Convent of Santa Maria / delle Grazie at Milan, it is one of the world's / most recognizable paintings who represents the scene of the / **Last Supper of Jesus with his apostles.**

- A. The Last Supper is a late 15th-century mural paintings
- B. by Leonardo da Vinci housed by the refectory of the Convent of Santa Maria
- C. delle Grazie at Milan. It is one of the world's
- D. most recognizable paintings who represents the scene of the
- E. All are correct

Direction: In the given question, a sentence is divided into five parts out of which the last part is correct. Out of the remaining four, there are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E i.e. All are correct as the answer.

28. X-Men is a American superhero film series based on the / fictional superhero team of the same name, whom originally appeared in a / series of comic books created by Stan Lee, Jack Kirby and was published / by Marvel Comics, after which 20th Century Fox obtained the film / **rights to the characters in 1994.**

- A. X-Men is a American superhero film series based on the
- B. fictional superhero team of the same name, who originally appeared in a
- C. series of comic books created by Stan Lee, Jack Kirby and published
- D. by Marvel Comics, after which 20th Century Fox obtained the film
- E. All are correct

Direction: In the given question, a sentence is divided into five parts out of which the last part is correct. Out of the remaining four, there are errors in three

parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E i.e. All are correct as the answer.

29. Confined to a wheelchair for most of his life / after being diagnosed by Motor Neurone Disease / when he is 21, Hawking's towering intellect / and sheer persistence struck / **a chord with ordinary people.**

- A. Confined to a wheelchair for most of his life
- B. after being diagnosed by Motor Neurone Disease
- C. when he is 21, Hawking's towering intellect
- D. and sheer persistence struck
- E. All are correct

Direction: In the given question, a sentence is divided into five parts out of which the last part is correct. Out of the remaining four, there are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E i.e. All are correct as the answer.

30. The transaction, financial details of which were not disclosed, / is part of India's new bankruptcy law, / which is aimed into cutting close to \$150 billion / of accumulated soured loans at pushing / **loan defaulter firms into insolvency.**

- A. The transaction, financial details of which were not disclosed,
- B. is part of India's new bankrupt law,
- C. which is aimed into cutting close to \$150 billion
- D. of accumulated soured loans at pushing
- E. All are correct

Direction: What value should come in place of the question mark (?) in the following question?

31. $321 \times 16 \div 8 + 34 = (?)^2$

- A. $\sqrt{26}$
- B. $(26)^2$
- C. $(676)^2$
- D. 676
- E. None of these



Direction: What value should come in place of the question mark (?) in the following question?

32. $\sqrt{7 \times 447 \div 21 + 73} - 26 = ?$

- A. 196
- B. 16
- C. 13
- D. 169
- E. None of these

Direction: What value should come in place of the question mark (?) in the following question?

33. $(3\sqrt{5} + 6)^2 = ? + 36\sqrt{5} + 59$

- A. 22
- B. 24
- C. 26
- D. 12
- E. 28

Direction: What value should come in place of the question mark (?) in the following question?

34. $(\sqrt{121 \times 25}) \div 44 - ? = 1.25$

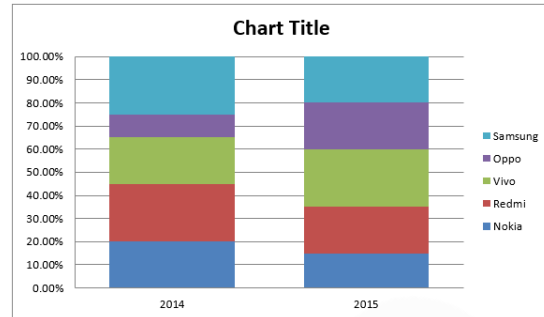
- A. 8
- B. 6
- C. 7
- D. 5
- E. None of these

Direction: What value should come in place of the question mark (?) in the following question?

35. 26% of 750 - 17% of 460 = ?

- A. 122.7
- B. 114.9
- C. 107.7
- D. 116.8
- E. 126.8

Direction (36 – 40) : Below is the market share of some mobile phone companies , based on the below chart answer the question that follows-



Total Number of Mobile sold In 2014 - 400000

Total number of mobile sold in 2015 - 500000

36. If the 15 % MOBILE phones sold by Nokia returned by the customer due to some defects in 2014 & 2015 then in actual how many mobile phone sold by nokia in the Both year

- A. 131750
- B. 121750
- C. 111750
- D. 131450
- E. None of these

37. What is the difference between the Oppo mobile sold in 2014 & 2015 ?

- A. 60000
- B. 70000
- C. 80000
- D. 90000
- E. None of these

38. From 2014 to 2015 in which brand the sales increase was maximum?

- A. Samsung
- B. Vivo
- C. Oppo
- D. Redmi
- E. Nokia

39. If the percentage of Redmi phone was same in 2016 as of the previous year then how much redmi phone sold in 2016?

- A. 150000
- B. 100000
- C. 200000
- D. 350000
- E. Cannot be determined

40. If the market share of Samsung decreased by 5 % from the year 2015 to the next year 2016 and total phone sold in 2016 was 600000 then the number of Samsung phones sold in 2015 was

A. 114000
B. 115000
C. 125000
D. 135000
E. 100000

41. If the circumference of a circle is equal to the perimeter of a rectangle whose breadth is half of its length, then find the ratio of radius to length.

A. $\frac{3}{2}\pi$
B. $\frac{3}{\pi}$
C. $\frac{3}{4}\pi$
D. $\frac{3}{6}\pi$
E. $\frac{2}{2}\pi$

42. X and Y borrowed Rs. 2,000 and Rs. 3,000 respectively at the same rate of simple interest for $2\frac{1}{2}$ years. If Y paid Rs. 125 more interest than X, find the rate of interest.

A. 5%
B. 2%
C. 4%
D. 9%
E. 3%

43. The ratio of the present ages of Sonu and Monu is 7 : 6 respectively. Eight years ago, the respective ratio of their ages was 5 : 4. What will be Monu's age four years from now?

A. 28 years
B. 32 years
C. 24 years
D. 30 years
E. None of these

44. The average age of 50 male in a company is 20 Years. One man, aged 30 years, left the company, but two new men come in his place whose ages differ by 5

years. If the average age of all the males now in the company becomes 21 years, the age of the younger new comer is

A. 30 years
B. 48 years
C. 35 years
D. 45 years
E. None of these

45. Instead of a metre scale, a cloth merchant uses a 120 cm scale while buying, but uses an 80 cm scale while selling the same cloth. If he offers a discount of 20% on cash payment, what is his overall profit percentage?

A. 20%
B. 25%
C. 40%
D. 15%
E. 50%

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

46. $\sqrt{(3099.985 \div 62.001 + 14.001)} = ?$

A. 8
B. 13
C. 18
D. 23
E. 28

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

47.

$$X = \frac{169.08}{2196.87} * \frac{575.89}{24} * \frac{312}{2}$$

A. 288
B. 252
C. 228
D. 198
E. 312

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)



48. 74.03% of 1299 + 9.98% of 1899 = (?)
A. 1245
B. 1152
C. 1354
D. 1452
E. 1504

Direction: What approximate value should come in place of question mark (?) in the following question? (note: you are not expected to calculate the exact value)

49. $(8.03)^3 + (5.88)^3 + 79.98\%$ of 530 = ?²
A. 14
B. 34
C. 54
D. 74
E. 94

Direction: What approximate value should come in place of question mark (?) in the following question? (note: you are not expected to calculate the exact value)

50. $95.02 \times 79.985 + 59.99\%$ of 299.99 = ?²
A. 128
B. 88
C. 47
D. 38
E. 8

Direction: Find the wrong number in the following series.

51. 2, 4, 11, 35, 153, 771
A. 35
B. 153
C. 771
D. 11
E. 4

Direction: Find the wrong number in the following series.

52. 10, 104, 1144, 10296, 72072, 360360
A. 72072
B. 1144
C. 104
D. 360360
E. 10

Direction: Find out the wrong number in the following number series.

53. 8050, 4675, 2478, 1149, 418, 75
A. 2478
B. 8050
C. 4675
D. 418
E. 1149

Direction: In the following number series, a wrong number is given. Find out that wrong number.

54. 11, 22, 35, 52, 75, 106, 143
A. 35
B. 52
C. 75
D. 106
E. 143

Direction: Find the wrong number in the given number series?

55. -16, -15, -7, 20, 84, 219, 425
A. -15
B. 219
C. 84
D. -16
E. 20

56. Find the relationship between L and M if $L + 3M = 0$ and $L^2 - 5L + 4 = 0$

- A. $L > M$
B. $L \geq M$
C. $M > L$
D. $M \geq L$
E. $L = M$ OR the relationship doesn't exist

57. Find the relationship between P and Q if $P + Q = 0$ and $Q^2 + 7Q + 12 = 0$

- A. $P > Q$
B. $P \geq Q$
C. $Q > P$
D. $Q \geq P$
E. $P = Q$ OR the relationship doesn't exist

58. Find the relationship between L and M if $4L^4 - 8L^2 + 3 = 0$ and $2M^2 + 9M = 0$.

- A. $L > M$
B. $L \geq M$
C. $M > L$



- D. $M \geq L$
 E. $L = M$ OR the relationship doesn't exist

Direction: In the following question, two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

59. I. $18X^2 + 9X - 27 = 0$

II. $Y^2 + 16Y = 0$

- A. $X > Y$
 B. $X \geq Y$
 C. $Y > X$
 D. $Y \geq X$
 E. $X = Y$ OR the relationship doesn't exist

Directions: In the following question, two equations are given. You have to solve both the equations and find the relation between 'p' and 'q' and mark the correct answer.

60. I. $\frac{199}{\sqrt{2p}} - \frac{121}{\sqrt{2p}} = \sqrt{2p}$

$q^5 - \frac{(3 \times 81 + 27)^{\frac{11}{2}}}{\sqrt{q}} = 0$

- II.
 A. $p > q$
 B. $p \geq q$
 C. $p < q$
 D. $p \leq q$
 E. $p = q$ or the relation cannot be determined

61. A shopkeeper allows initial discount of 'd' percent on an article and earns 80% profit. If the shopkeeper gives another discount of 10% then he earns Rs. 288 less profit. What will be his profit or loss percent when he allowed the discount of 10%?

- A. 52%
 B. 65%
 C. 56%
 D. 62%
 E. 66%

62. The price of rice is reduced by 25 % and a person increase his expenditure on rice by 20 %. What is the percentage change of the monthly consumption of rice?

- A. +60%
 B. -60%
 C. +12%
 D. -12%
 E. +16%

63. Four years ago, the average age of 5 friends i.e. A, B, C, D and E was 25 years. The sum of the present ages of A and B is 60 years. Ten years later, the ages of the D and E will be in the ratio 17: 23, respectively and five years later, the average age of C and D will be 29.5 years. If one more friend F's present age is added to the present age of the 5 friends, then the average present ages of the 6 friends' decreases by 0.5 years. If B is 2 years older than F, find the difference between the present ages of A and C.

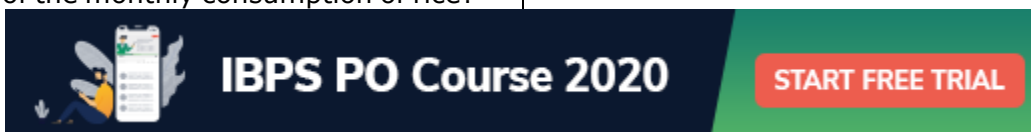
- A. 8 years
 B. 4 years
 C. 5 years
 D. 6 years
 E. None of these

64. The ratio of the present ages of Sonam and Surekha is 5 : 7. Sonam is 4 years older than her cousin Abhay. The ratio between the ages of Surekha and Abhay is 5 : 3. What is the ratio between the ages of Sonam and Surekha after 12 years?

- A. 25/47
 B. 35/47
 C. 12/47
 D. 42/47
 E. 37/47

65. Rs. 7000 is divided unequally in two parts and invested in scheme A, which offer 10% p.a. compound interest annually for 2 years and in scheme B, which offer 15% p.a. simple interest for 3 years. If the interest earned from scheme A is 84% of that earned from scheme B. Find the sum invested in scheme A.

- A. Rs. 4200
 B. Rs. 2700
 C. Rs. 3000
 D. Rs. 4000



E. Rs. 4500

Direction (66 – 70) : Study the following information carefully and answer the questions given below:

Eight people P, Q, R, S, T, U, V and W are seated around a circular table such that four are facing the centre and four are facing opposite to the centre. They like different companies laptops viz, Dell, Lenovo, Apple, Samsung, Sony, HP, Acer and Asus but not necessarily in the same order. The arrangement is based on the following rules:

- One who likes Asus is seated opposite to Q.
- P is 3rd to the right of the one who likes HP who is seated between R and the one who likes Apple.
- V is 3rd to the left of S who likes Acer.
- W is to the immediate left of the one who likes Sony.
- One who likes Asus is a neighbour of P.
- Q does not like HP and V does not like Asus.
- Q is 2nd to the left of T who is not a neighbour of P.
- Either Q or V likes Sony.
- P and R are seated facing the same direction.
- The one who likes Apple is 2nd to the right of the one who likes Lenovo.
- P and W do not like Lenovo. V faces outside the centre.
- One who likes Samsung is facing the opposite direction faced by S.
- Not more than 2 persons who sit on consecutive seats face the same direction.

66. Which of the following combination is correct?

- A. P-Asus
- B. V-Sony
- C. R-Dell
- D. W-Samsung
- E. Q-HP

67. Four of the following bear a similar relation hence form a group, which of the following is not a part of that group?

- A. Dell
- B. Asus
- C. HP
- D. Sony
- E. Samsung

68. If Dell is related to V and Lenovo is related to W, then who will be related to Acer?

- A. P
- B. Q
- C. R
- D. S
- E. T

69. What is the position of U with respect to the one who likes Acer?

- A. Immediate left
- B. Immediate right
- C. Second to the left
- D. Second to the right
- E. None of these

70. In which of the following groups is the third person seated between the first and the second person?

- A. PTR
- B. RTU
- C. TRV
- D. QSW
- E. SPU

Direction (71 – 75) : In these questions, a relationship between different elements is shown in each statement. The statements are followed by two conclusions.

71. Statements:

$R > S \geq T < U, V > T > X$

Conclusions:

I. $V > S$

II. $U > V$

- A. Only conclusion I is true.
- B. Only conclusion II is true.
- C. Either conclusion I or II is true.
- D. Neither conclusion I nor II is true.
- E. Both conclusion I and II are true.

72. Statements:



$$A = B \leq C > D, C \geq E$$

Conclusions:

I. $A \geq E$

II. $E > D$

- A. Only conclusion I is true.
- B. Only conclusion II is true.
- C. Either conclusion I or II is true.
- D. Neither conclusion I nor II is true.
- E. Both conclusion I and II are true.

73. Statements:

$$H < I > J = K \geq L, J \leq M$$

Conclusions:

I. $K \geq M$

II. $M \geq H$

- A. Only conclusion I is true.
- B. Only conclusion II is true.
- C. Either conclusion I or II is true.
- D. Neither conclusion I nor II is true.
- E. Both conclusion I and II are true.

74. Statements:

$$P = Q \geq R < S, R \geq T$$

Conclusions:

I. $S > T$

II. $P \geq T$

- A. Only conclusion I is true.
- B. Only conclusion II is true.
- C. Either conclusion I or II is true.
- D. Neither conclusion I nor II is true.
- E. Both conclusion I and II are true.

75. Statements:

$$M > N \geq O < P, Q < O \leq R$$

Conclusions:

I. $R > P$

II. $R \geq N$

- A. Only conclusion I is true.
- B. Only conclusion II is true.
- C. Either conclusion I or II is true.
- D. Neither conclusion I nor II is true.
- E. Both conclusion I and II are true.

Direction (76 - 80) : Study the information given below and answer the questions based on it.

Seven people M, N, O, P, Q, R and S stay in an eight storied building with the lowermost floor numbered as 1 and so on.

One of the floors is vacant. Each of them likes a different fruit viz, Banana, Apple, Plum, Orange, Papaya, Pear and Mango not necessarily in the same order. The arrangement is based on the following rules:

- * S lives on an even numbered floor.
- * The floor immediately above or below the one in which S resides is vacant.
- * There is a gap of four floors between the one who likes Mango and the floor that is vacant.
- * Q likes Apple and lives immediately below the one who likes Papaya.
- * There is a gap of one floor between the one who likes Papaya and the floor that is vacant.
- * R's immediate neighbours like Pear and Papaya.
- * P lives above M and M likes neither Papaya nor Banana.
- * There are four floors between the ones who like Orange and Banana. One who likes Orange stays on a floor higher than the one who likes Banana.
- * N does not like Papaya.

76. Which of the floors is vacant?

- A. Floor 7th
- B. Floor 5th
- C. Floor 3rd
- D. Floor 2nd
- E. Floor 1st

77. Which of the following is a correct combination of floor number: name: favourite fruit?

- A. 8th : M: Plum
- B. 7th : M : Pear
- C. 5th : Q: Apple
- D. 3rd : S: Plum
- E. 1st : N: Papaya

78. If P is related to Orange and Q is related to Plum, then R is related to which of the following fruits?

- A. Mango
- B. Pear
- C. Papaya
- D. Banana



E. Apple

79. Of the given five options, four bear a similar relationship. Which of the following is the odd one out?

- A. 8: Banana
- B. 7: Plum
- C. 6: Orange
- D. 5: Apple
- E. 4: Papaya

80. Which of the following is true for M?

- A. M likes Orange
- B. M lives on the 5 th floor
- C. The floor just above M's floor is vacant
- D. M likes Pear
- E. P and O are immediately above or below M's floor

Direction (81 – 85) : Study the information given below and answer the questions based on it.

Eight persons A, B, C, D E, F, G and H sit on the line and all of them face north direction but not necessarily in the same order. All of them like different color viz. Red, Green, Blue, Yellow, Orange, White, Black and Violet but not necessarily in the same order. The one who likes Blue color sits second to the right of one who likes Green color. C likes orange color. A sits fourth to the left of the person who likes Violet color. D does not sit adjacent to H. Neither A nor the person who likes Violet color sits on the extreme end of the line. B sits third to the left of F. There is only one person sitting between the G, who likes Red color and the person who likes Violet color. There are two persons sitting between G and the one who likes Black color. H sits to the immediate left of one who likes Black color. There are two persons sitting between H and F, who likes white color.

81. How many persons sit between A and B?

- A. One
- B. Two
- C. Three

- D. Four
- E. None

82.D likes which of the following color?

- A. Green
- B. Yellow
- C. Black
- D. Blue
- E. None of these

83.Who among the following sits third to right of G?

- A. D
- B. The one who likes Violet color
- C. The one who likes Black color
- D. A
- E. B

84.E likes which color?

- A. Blue
- B. Green
- C. Red
- D. Black
- E. None of these

85.Who among the following sits immediate left of the person who likes White color?

- A. B
- B. G
- C. D
- D. The one who likes Orange color
- E. None of these

Direction (86 – 90) : Study the information given below and answer the questions based on it.

In a certain code language,

“tiger hunt dog” is written as “ap cd ef”.

“man hunt elephant” is written as “ef gh ij”.

“tiger elephant are animal” is written as “ap ij kl mn”.

“dog are animal” is written as “cd kl mn”.

86. What is the code for “hunt”?

- A. ef
- B. ij
- C. mn
- D. kl

E. cd

87. What is the code for "tiger"?

- A. ef
- B. ij
- C. ap
- D. kl
- E. cd

88. Which of the following is coded as "cd ij"?

- A. dog animal
- B. dog elephant
- C. tiger are
- D. dog are
- E. None of these

89. What is the code for "man are animal"?

- A. gh kl pp
- B. gh kl mp
- C. gh kl mn
- D. Both A and B
- E. None of these

90. What is the code for "dog"?

- A. gh
- B. kl
- C. mn
- D. Both A and B
- E. cd

Direction (91 - 95) : Study the following arrangement of consonants, vowels, numbers and symbols carefully and answer the questions given below.

H @ F ! 3 U 6 % G I T * P L 8 \$ ^ 9 S 2 7 & A M K + J © D 4 # 5 & E

91. Which of the following element is ninth to the right of the twentieth from the right end of the above arrangement?

- A. K
- B. M
- C. U
- D. A
- E. None of these

92. How many such consonants are there in the above arrangement, each of which is

immediately preceded by a symbol and also immediately followed by a symbol?

- A. None
- B. One
- C. Two
- D. Three
- E. More than three

93. If all the symbols are dropped from the arrangement, which of the following will be the twelfth from the left end?

- A. 9
- B. 2
- C. S
- D. 7
- E. None of these

94. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to the group?

- A. L\$8
- B. AKM
- C. @!F
- D. 6%G
- E. JD ©

95. What should come in place of the question mark (?) in the following series based on the above arrangement?

F3U %IT L\$ ^ ?

- A. 927
- B. 7&A
- C. 7AM
- D. 2&A
- E. 27&

Direction (96 - 100) : Study the information given below and answer the questions based on it.

In a family of 10 members namely, C, D, E, F, G, A, B, K, L and M, C is the daughter of D, whose mother E is the wife of F who is the brother of G. A, whose uncle is G, is the father of E's granddaughter B. L is the grandson of G whose only child is M, who is the husband of K. E has only one son.

96. How is B related to C?

- A. Mother
- B. Sister
- C. Brother
- D. Cousin
- E. None of these

97. How is D related to G?

- A. Nephew
- B. Niece
- C. Daughter
- D. Son
- E. None of these

98. How many female members are there in the family?

- A. 2
- B. 3
- C. 4
- D. 5

E. None of these

99. How is F related to C?

- A. Maternal Grandmother
- B. Maternal Grandfather
- C. Uncle
- D. Son
- E. None of these

100. If G is married to X, then how is X related to F?

- A. Brother-in-law
- B. Sister-in-law
- C. Mother
- D. Can't be determined
- E. None of these

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###ANSWERS###

1. Ans. C.
In the third paragraph, it is mentioned that the companies should take CSR as part of their self-made policy instead of being forced to do it. Statement C is the exact statement mentioned in the passage and thus is the most appropriate response.

2. Ans. A.
Statement B is in contradiction of the explanations given in the passage. Statement C is correct in principle but hasn't been mentioned in the context of the passage, so can't be considered. Statement A can be inferred from the discussion in the second paragraph. Hence option A is the correct response.

3. Ans. B.
The third paragraph mentions it discretely that Mr. Tata thinks that enforcement is weak in India. So, option B is the correct response.

4. Ans. E.
Mentoring means to guide someone with one's own experiences and resources. All the options mentioned here are correct in the context of the usage in the passage. So, option E is the correct response.

5. Ans. E.
The passage readily talks about the startups and the way they have grown in the last few years. It uses the insights of Mr Tata to explain this, but the aspect in the question has not been mentioned in the passage as such. Hence option E is the correct response.

6. Ans. A.
Since "Indian rupee" is a unique term which is why we must put the article 'the' in front of it. Article 'a' is used for things that aren't unique. Hence it must be replaced with 'the'. Thus, the correct answer is option A

7. Ans. D.
The pronoun 'who' is used to refer to a person. In the sentence above however, "Saudi Press Agency" isn't a person and to use 'who' for it is incorrect. Here the pronoun 'which' must be used as it is used

for things apart from individuals or group of people. Thus, the correct answer is option D

8. Ans. C.
The error is in part C of the sentence. The use of pronoun "he" is incorrect as "he" is used to refer to a man or a boy. For animals, we use the pronoun, "it". Hence option C is the correct response.

9. Ans. D.
The error lies with the incorrect usage of a pronoun. 'Whom' is the object of a verb (i.e. the one being acted upon). The difference between 'who' and 'whom' is similar to that between 'he' and 'him'. 'He' is the subject of the verb, and 'him' is an object. Similarly, 'who' is the subjective pronoun and the sentence demands the subjective pronoun and not objective pronoun. Hence, D is correct.

10. Ans. B.
The error lies in the incorrect usage of a preposition. Instead of 'point for', it should be 'point with' as the sentence reflects the association. The idea here is to provide the point with elegance, which is correct this way and not otherwise. Hence, option B is correct.

11. Ans. C.
Space is a noun which is a continuous area or expanse which is free, available, or unoccupied.

Floor is a noun which is the lower surface of a room, on which one may walk.

Thing is a noun which means an object that one need not, cannot, or does not wish to give a specific name to.

Luggage is a noun which means suitcases or other bags in which to pack personal belongings for travelling.

Hence, option C is the correct answer.

12. Ans. D.
Chin = the protruding part of the face below the mouth, formed by the apex of the lower jaw.



Hands =the end part of a person's arm beyond the wrist, including the palm, fingers, and thumb.

Height = the measurement of someone or something from head to foot or from base to top.

Hair = any of the fine thread-like strands growing from the skin of humans, mammals, and some other animals.

Beard and hair are relatable hence; option D is the correct answer.

13. Ans. B.

People = human beings in general or considered collectively.

Table = a piece of furniture with a flat top and one or more legs, providing a level surface for eating, writing, or working at.

Floor = the lower surface of a room, on which one may walk.

Chair = a separate seat for one person, typically with a back and four legs.

The only logical filler is chairs.

Hence, option B is the correct answer.

14. Ans. B.

River =a large natural stream of water flowing in a channel to the sea, a lake, or another river.

Glacier = a slowly moving mass or river of ice formed by the accumulation and compaction of snow on mountains or near the poles.

Sea =the expanse of salt water that covers most of the earth's surface and surrounds its land masses.

Bridge = a structure carrying a road, path, railway, etc. across a river, road, or other obstacles.

The hint to the answer is 'opened'. Among the given options, only bridge can be opened.

Hence, option B is the correct answer.

15. Ans. D.

The given blank requires an adjective since it qualifies the noun 'dolls'

World is a noun which means the earth, together with all of its countries and peoples. 'Worldly' is the adjective of 'world'.

Silk is a noun which means a fine, strong, soft lustrous fiber produced by silkworms in making cocoons and collected to make thread and fabric. 'Silky' is the adjective of 'silk'.

Russia, the country, is a noun but its adjective is 'Russian'.

Hence, Russian is the correct answer.

16. Ans. D.

The phrase 'with summer around the corner', suggests that another clause is required which would describe the effect of the summer of American people or America in general, this makes both (II) and (III) correct for the blank, as it aptly mentions that America and Americans both alike can look forward to sunny days. Apostrophe's is used for possessive nouns, and thus should not be used here.

17. Ans. B.

The sentence is mentioning Jeff Bezos' plan to make India the second – largest market for Amazon, and for the same he has invested billions of dollars in the Indian market. For to describe how Jeff Bezos' has backed his plans the preposition 'with' should be used before 'billions of dollars of investment'; also as the investment has already been done by Bezos', thus 'has backed' will be used to show that the investment has already been done. I and III do not use the tenses correctly.

18. Ans. C.

It is clear from the sentence structure that the significance of the event is being talked about and not something that was significant in the course of the event.

'to count on something' means to depend on something, which is not the case here. The sentence talks about something which is not even valued.

Hence, 'in' and 'during' after importance do not make sense.

Hence, Only III is the correct answer.

19. Ans. B.

"Stick to one's guns" means to refuse to compromise or change, despite criticism. It is a phrasal verb hence we can't make any changes in the prepositions used. The



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sentence is in past tense, hence 'stick' should be replaced by 'stuck'. So, the correct choice is B.

20. Ans. B.

The correct form of verb to be used after 'will' is 'help.' Verbs are not needed in infinitive or participle form here since the effect of the disposal of assets will be seen in the future. So option B is the correct answer.

21. Ans. D.

All the conditions stated in the sentence are favourable for the financial conditions in the given context. Benign means favourable. Hence, it is the most suitable response. All the other words convey negative meaning, thus, they can be eliminated.

22. Ans. C.

Assume does not fit in the blank as the blank is preceded by "is" and cannot be followed by the base form of the verb. Intended means planned. Stipulated is to demand to add something as a part of an agreement. Predict means to estimate something. Moreover, in the preceding line, a forecast of the global growth is given. Similarly, the word predicted is the most suitable for estimating the recovery of growth of EMDEs.

23. Ans. D.

Amid is used as a preposition to express in the middle of or during something. Hence, it should be the most suitable response.

24. Ans. E.

Wobble means to shake or move from side to side in a way that shows poor balance. Steer means to control the movement of something. Swung is the past participle of swing, which is synonymous to oscillation. Tilt means to be inclined towards something. Here it is used with "downside" which indicates its inclination towards a disadvantageous position.

25. Ans. E.

EMDEs need to put rebuilding policies related to monetary and fiscal space before other things. Hence, priority must be the most suitable response.

26. Ans. B.

Only part B is correct.

Option A is wrong as it uses a singular verb to refer to the franchise. When referring to the team by its full name, pronouns and verbs take the plural form, hence the option should use 'are a franchise' instead of 'is a franchise'. Option C is wrong as it uses the wrong preposition of time. 'On' is used to refer to more exact dates while 'in' is used to give a broader idea of the timeframe. As the sentence does not specify a date, it should rather be 'in July 2015' instead of 'on July 2015'. Instead of using the possessive pronoun 'theire', option D wrongly uses its homophone, 'there'. As the sentence is referring to the owners of the franchise, it must use a word to indicate the belongingness, which is what 'their' is used for. As the second part is grammatically correct, option B is the correct answer.

27. Ans. B.

Only part B is correct.

The error in part A is that of subject-verb agreement. The verb used is 'is', which is singular, while the noun used is 'paintings', which is plural. Later in the sentence, we know that "The Last Supper" is a single painting and not a set of paintings. Therefore, part A should use 'painting' instead of 'paintings'. Option C uses the wrong preposition of place. 'At' is used to point to a certain point, while 'in' is used to convey a big location. Part C should use 'in Milan' instead of 'at Milan', as Milan is a city. Option D uses the wrong relative pronoun. It uses 'who', which is used to refer to a living organism. Instead, it should use 'that' or 'which', both of which can be used for non-living things. As the second part has no errors, option B is the correct answer.

28. Ans. D.

Only part D is correct.

Option A is wrong as it uses the wrong article. As "American" begins from a vowel, it must be preceded by 'an' instead of 'a'. Option B is wrong because it uses the



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wrong relative pronoun. The sentence mentions the movie, the comics and the team. Therefore, the correct relative pronoun would be 'that', 'who' or 'which'. The sentence should use any one of these instead of 'whom'. Option C is wrong because it replaces the necessary 'and' with the comma. The sentence mentions the names of the two people responsible for creating the series of comics. As the number of people is two, their names must be joined with the conjunction 'and'. As part four is the only one which is grammatically correct, option D is the correct answer.

29. Ans. A.

In part B, the preposition 'with' which is used to indicate being affected by a disease must be used in place of 'by'. In part C, since a past even is being talked about, there must be 'was' in place of 'is'. In part D, 'struck' is the past tense of 'strike', it should not be written as 'strucked'. The correct answer is option A.

30. Ans. A.

In part B of the sentence, the noun 'bankruptcy' which is the state of being bankrupt makes more sense than the adjective itself. In the part C, the preposition 'at' which is used to express the object of thought makes more sense than 'into' which shows movement. In the part D, the preposition 'by' which indicates the means of achieving something seems better alternative than 'at'. The correct answer is option A.

31. Ans. E.

$$(?)^2 = 321 \times 16 \div 8 + 34$$

$$\Rightarrow (?)^2 = 321 \times 2 + 34$$

$$\Rightarrow (?)^2 = 642 + 34 = 676$$

$$\Rightarrow (?)^2 = (26)^2$$

$$\Rightarrow ? = 26$$

Hence, option E is correct

32. Ans. E.

$$\sqrt{7 \times 447 \div 21 + 73 - 26}$$

$$= \sqrt{7 \times \frac{447}{21} + 73 - 26}$$

$$= \sqrt{149 + 73 - 26}$$

$$= \sqrt{196}$$

$$= 14$$

Hence option E is correct

33. Ans. A.

$$(3\sqrt{5} + 6)^2 = ? + 36\sqrt{5} + 59$$

$$\Rightarrow 45 + 36 + 36\sqrt{5} = ? + 36\sqrt{5} + 59$$

$$\Rightarrow 81 = ? + 59$$

$$\Rightarrow ? = 81 - 59 = 22$$

34. Ans. D.

$$\sqrt{121 \times 25 \div 44} - ? = 1.25$$

$$11 \times 25 \div 44 - ? = 1.25$$

$$(11 \times 25) / 44 - ? = 1.25$$

$$25/4 - ? = 1.25$$

$$6.25 - ? = 1.25$$

$$? = 5$$

35. Ans. D.

$$? = \frac{750 \times 26}{100} - \frac{460 \times 17}{100}$$

$$= 195 - 78.2 = 116.8$$

36. Ans. A.

Total phone sold by Noki in 2014 & 2015

$$\rightarrow 80000 + 75000 = 155000$$

$$15\% \text{ of } 155000 = 23250$$

$$\text{So, } 155000 - 23250 = 131750$$

37. Ans. A.

$$\text{Oppo mobile sold in 2014} = 10\%$$

$$\text{In 2015} = 20\%$$

$$\text{So, difference is } 100000 - 40000 = 60000$$

38. Ans. C.

Company 2014(in 1000) 2015(in 1000)

Samsung 100 100

Oppo 40 100



Vivo 80 125

Redmi 100 100

Nokia 80 75

Clearly, In OPPO there is maximum increase from year 2014 to 2015.

39. Ans. E.

We cannot determined this because we do not know how much total sale was happen in 2016

40. Ans. A.

If the market share decreased by 5 % then it becomes $\rightarrow 95 \times 20 / 100 \% = 19 \%$

So, Samsung Units Sold = $19 \times 600000 / 100 = 114000$

41. Ans. A.

Let the radius be R & Let the breadth be L and length be 2L

- Circumference is $2\pi R$ & Perimeter = $2(2L+L)$

- $2\pi R = 6L$

- $R/2L = 3/2\pi$

42. Ans. A.

According to the question,

$$\frac{3000 \times 5 \times R}{100 \times 2} - \frac{2000 \times 5 \times R}{100 \times 2} = 125$$

$$\frac{1}{200} [15000R - 10000R] = 125$$

$$\frac{5000R}{200} = 125 = R = 5\%$$

43. Ans. A.

Let the present ages of Sonu and Monu be 7x and 6x. Now

$$\frac{7x - 8}{6x - 8} = \frac{5}{4}$$

$$x = 4$$

Present age of Monu = 24 years

Monu's age four years from now = $24 + 4 = 28$ years

44. Ans. B.

$$X_{total} / 50 = 20$$

Which means $X_{total} = 20 \times 50 = 1000$

$$\text{Now, } [X_{total} - 30 + (a + b)] / 51 = 21$$

$$X_{total} - 30 + (a + b) = 1071$$

$$1000 - 30 + (a + b) = 1071$$

$$(a + b) = 101 \text{ \& } (a - b) = 5 \text{ (given)}$$

$$\text{So, } a = 53 \text{ \& } b = 48$$

45. Ans. A.

Let the price per metre of cloth be Re 1. The shopkeeper buys 120 cm, but pays for only 100 cm. In other words, he buys 120 cm for Rs. 100. So his

$$CP = \left(\frac{100}{120} \right) = \text{Re } 0.833$$

per metre. Now he sells 80 cm, but charges for 100 cm. In other words, he sells 80 cm for Rs. 100. On this he offers a 20% discount on cash payment. So he charges Rs. 80 for 80 cm

cloth. In other words, his SP = $\left(\frac{80}{80} \right)$ Re 1 per metre. So his percentage profit in the overall transaction = $(1 - 0.833) \times 100 / 0.833 = 20\%$

46. Ans. A.

$$\sqrt{3100 \div 62 + 14} = ?$$

$$\sqrt{50 + 14} = ?$$

$$\sqrt{64} = ?$$

$$? = 8$$

47. Ans. A.

$$X = (169/2197) * (576/24) * (312/2)$$

$$x = \frac{1}{13} * 24 * 156$$

$$x = 288$$

48. Ans. B.

Substituting (?) with "x"

$$x = 74\% \times 1300 + 10\% \times 1900$$

$$x = \frac{74}{100} \times 1300 + \frac{10}{100} \times 1900$$

$$x = 962 + 190$$

$$x = 1152$$

49. Ans. B.

$$(8.03)^3 + (5.88)^3 + 79.98\% \text{ of } 530 = ?^2$$

$$(8)^3 + (6)^3 + 80\% \text{ of } 530 = ?^2$$

$$512 + 216 + 8 \times 53 = ?^2$$

$$?^2 = 1152$$

$$? = 34 \text{ (approx)}$$

50. Ans. B.

$$95.02 \times 79.985 + 59.99\% \times 299.99 = ?^2$$

$$95 \times 80 + (60 \times 300) / 100 = ?^2$$



$$7600 + 180 = ?^2$$

$$?^2 = 7780$$

$$? = \sqrt{7780}$$

$$? = 88 \text{ (Approx)}$$

51. Ans. A.

The pattern of the series is:

$$2 \times 1 + 2 = 2 + 2 = 4$$

$$4 \times 2 + 3 = 8 + 3 = 11$$

$$11 \times 3 + 4 = 33 + 4 = 37$$

$$37 \times 4 + 5 = 148 + 5 = 153$$

$$153 \times 5 + 6 = 765 + 6 = 771$$

Hence, there should be 35 in place of 37.

52. Ans. E.

The pattern of the series is:

$$8 \times 13 = 104$$

$$104 \times 11 = 1144$$

$$1144 \times 9 = 10296$$

$$10296 \times 7 = 72072$$

$$72072 \times 5 = 360360$$

Hence, there should be 8 in place of 10.

53. Ans. E.

The pattern of the series is:

$$8050 - 15^3 = 4675$$

$$4675 - 13^3 = 2478$$

$$2478 - 11^3 = 1147$$

$$1147 - 9^3 = 418$$

$$418 - 7^3 = 75$$

Hence, there should be 1147 in place of 1149.

54. Ans. E.

11 22 35 52 75 106 147

11 13 17 23 31 41

2 4 6 8 10

55. Ans. B.

-16, -15, -7, 20, 84, **219**, 425

The pattern is as follows:

$$-16 + 1^3 = -15$$

$$-15 + 2^3 = -7$$

$$-7 + 3^3 = 20$$

$$20 + 4^3 = 84$$

$$84 + 5^3 = 209$$

$$209 + 6^3 = 425$$

So 219 is the wrong number.

56. Ans. A.

$$L^2 - 5L + 4 = 0$$

$$L^2 - L - 4L + 4 = 0$$

$$L(L - 1) - 4(L - 1) = 0$$

$$(L - 1)(L - 4) = 0$$

$$L = 1, 4$$

$$L + 3M = 0$$

$$M = -L/3 = -1/3, -4/3$$

$$L > M$$

57. Ans. A.

$$Q^2 + 7Q + 12 = 0$$

$$Q^2 + 3Q + 4Q + 12 = 0$$

$$Q(Q+3) + 4(Q+3) = 0$$

$$(Q + 3)(Q + 4) = 0$$

$$Q = -3, -4$$

$$P + Q = 0$$

$$P = -Q = 3, 4$$

$$P > Q$$

58. Ans. E.

$$4L^4 - 8L^2 + 3 = 0$$

$$\text{Let } L^2 = t$$

$$\text{Then, } 4L^4 - 8L^2 + 3 = 0 \Rightarrow 4t^2 - 8t + 3 = 0$$

$$4t^2 - 2t - 6t + 3 = 0$$

$$2t(2t - 1) - 3(2t - 1) = 0$$

$$(2t - 1)(2t - 3) = 0$$

$$t = 1/2, 3/2$$

$$L^2 = 1/2, 3/2$$

$$L = \pm \sqrt{\frac{1}{2}}, \pm \sqrt{\frac{3}{2}}$$

$$2M^2 + 9M = 0$$

$$M(2M + 9) = 0$$

$$M = 0, -9/2$$

No relationship exists.

59. Ans. E.

$$18X^2 + 9X + 27 = 0$$

$$2X^2 + X - 3 = 0$$

$$x = -3/2, +1$$

$$Y^2 + 16Y = 0$$

$$Y(Y + 16)$$

$$Y = 0, -16$$

Relationship doesn't exist.

60. Ans. A.

We will solve both the equations separately.

Equation I:

$$\frac{199}{\sqrt{2p}} - \frac{121}{\sqrt{2p}} = \sqrt{2p}$$

$$\Rightarrow \frac{78}{\sqrt{2p}} = \sqrt{2p}$$



$\Rightarrow 2p = 78$

$\Rightarrow p = 39$

Equation II:

$$q^5 - \frac{(3 \times 81 \div 27)^{\frac{11}{2}}}{\sqrt{q}} = 0$$

$$\Rightarrow \frac{q^{5+1/2} - (9)^{\frac{11}{2}}}{\sqrt{q}} = 0$$

$\Rightarrow q^{11/2} = (9)^{11/2}$

On comparing both sides, we get

$\Rightarrow q = 9$

Comparing the values of p and q, we get,

$p > q$

61. Ans. D.

Let, the marked price of the article be Rs. x

And, the cost price of the article be Rs. y

So, $\frac{100-d}{100} \times x - y = \frac{4y}{5}$

So, $\frac{100-d}{100} \times x = \frac{9y}{5}$

So, $\frac{100-d}{100} = \frac{9y}{5x}$

And,

$$\frac{100-d}{100} \times x - y - \left(\frac{90}{100} \times \frac{100-d}{100} \times x - y \right) = 288$$

$$= \frac{9y}{5x} \times x - y - \left(\frac{90}{100} \times \frac{9y}{5x} \times x - y \right) = 288$$

$$\frac{9y}{5} - \frac{81y}{50} = 288$$

$$\frac{90y - 81y}{50} = 288$$

$$\frac{9y}{50} = 288$$

$y = 1600$

Initially, the selling price of the article = 180% of 1600 = Rs. 2880

Then, after second discount the selling price = 90% of 2880 = Rs. 2592

Profit = 2592 - 1600 = Rs. 992

Profit percentage = $\frac{992}{1600} \times 100 = 62\%$

So option (d) is the correct answer.

62. Ans. A.

Price * Consumption = Expenditure

let initial price and consumption be 100 each

then expenditure = 100*100 = 10000

Now the price of rice is reduced by 25 % and a person increase his expenditure on rice by 20 % and we have to find the consumption.

New price = 75

New Expenditure = 12000

New Consumption = expenditure / price = 12000/75 = 160

* The percentage change in consumption is $\rightarrow 60/100 \times 100 = 60\%$

63. Ans. E.

Since, four years ago, the average age of 5 friends = 25 years

So, the average present age of 5 friends = 25 + 4 = 29 years

Let the present age of A, B, C, D and E are a, b, c, d and e years.

So, a + b + c + d + e = 29 x 5 = 145

Also, a + b = 60

$$\frac{d+10}{e+10} = \frac{17}{23}$$

Now, 23d + 230 = 17e + 170

So, 17e - 23d = 60

Also, five years later, the average age of C and D is 29.5 years

So, the average present age of C and D = 29.5 - 5 = 24.5 years

So, c + d = 24.5 x 2 = 49

So, a + b + c + d + e = 29 x 5 = 145

So, 60 + 49 + e = 145

So, e = 36 years

From, 17e - 23d = 60

So, 17 x 36 - 23d = 60

So, d = 24 years

Let F's present age be f years

After including F, f is added to the ages of five friends

New average age = 29 - 0.5 = 28.5 years

So, a + b + c + d + e + f = 28.5 x 6 = 171

145 + f = 171

So, f = 26 years

Present age of B, b = 26 + 2 = 28 years



So, $a = 60 - 28 = 32$ years
 And, $c = 49 - 24 = 25$ years
 Required difference = $a - c = 32 - 25 = 7$ years

So option (e) is the correct answer.
 64. Ans. E.

The ratio of the present ages of Sonam and Surekha is 5: 7

Let the age of Sonam = $5x$
 So, the age of Surekha = $7x$

Sonam is 4 years older than her cousin Abhay

Abhay = $5x - 4$

The ratio between the ages of Surekha and Abhay is 5: 3

$$\frac{7x}{5x - 4} = \frac{5}{3}$$

$$21x = 25x - 20; x = 5$$

So, the age of Sonam = $5x = 25$
 And the age of Surekha = $7x = 35$
 So, the ages of Sonam and Surekha after 12 years are 37 and 47 respectively.

So, the ratio between the ages of Sonam and Surekha after 12 years = 37/47

So option (e) is the correct answer.
 65. Ans. E.

Amount invested in scheme A be Rs.X and amount invested in scheme B be Rs.(7000-X)

Interest earned from scheme A = $X \times [10 + 10 + (10 \times 10)/100]\% = X \times (21/100)$

Return from Scheme B = $(7000 - X) \times (3 \times 15/100) = (7000 - X) \times 45/100$

ATQ

$$X \times (21/100) = [(7000 - X) \times 45/100] \times (84/100)$$

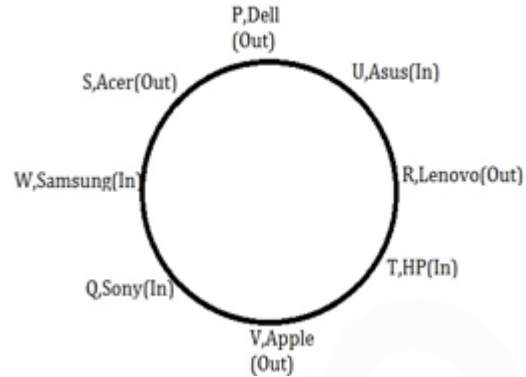
$$\Rightarrow X = (7000 - X) \times 1.8$$

$$\Rightarrow 2.8X = 7000 \times 1.8$$

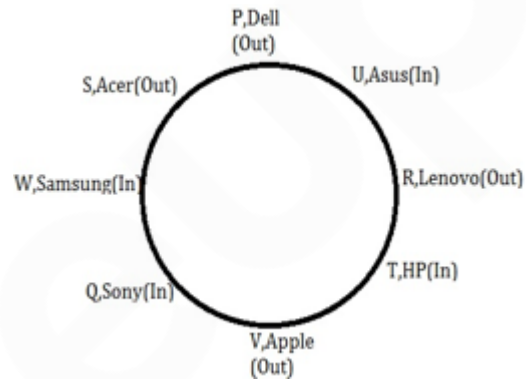
$$\Rightarrow X = 7000 \times (18/28) = 4500$$

Hence, answer is option E.

66. Ans. D.

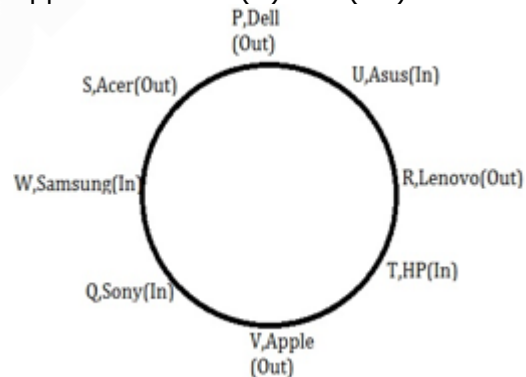


67. Ans. A.

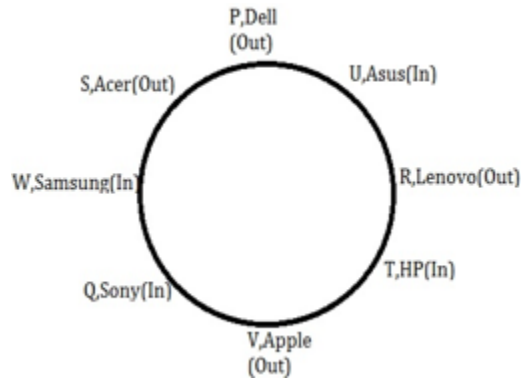


68. Ans. E.

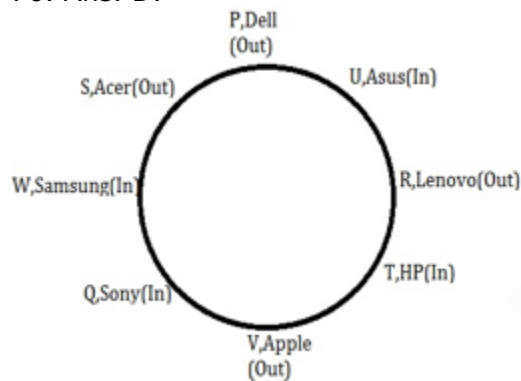
All are sitting to their opposite direction. so opposite of Acer (S) is T (HP)



69. Ans. D.



70. Ans. D.



71. Ans. D.

$S \geq T < V$

I. $V > S$ (False)

$U > T$ & $V > T$

$U > T < V$

II. $U > V$ (False)

72. Ans. D.

$A = B \leq C > D, C \geq E$

$C \geq A$ & $C \geq E$

$A \leq C \geq E$

I. $A \geq E$ (False)

II. $C > D$ & $C \geq E$

$D < C \geq E$

So, $E > D$ doesn't follow

73. Ans. D.

I. $K = J$ & $M \geq J$

So, $K \geq M$ doesn't follow

II. No relation between M & H

74. Ans. E.

I. $S > R$ & $R \geq T$

So, $S > T$

II. $P \geq R$ & $R \geq T$

So, $P \geq T$ (follows)

75. Ans. D.

I. $R \geq O$ & $P > O$

So, $R > P$ doesn't follow

II. $R \geq O$ & $N \geq O$

$R \geq O \leq N$

So, $R \geq N$ doesn't follow.

76. Ans. C.

* There is a gap of one floor between the one who likes Papaya and the floor that is vacant.

* R's immediate neighbours like Pear and Papaya.

* Q likes Apple and lives immediately below the one who likes Papaya.

* The floor immediately above or below the one in which S resides is vacant.

* There is a gap of four floors between the one who likes Mango and the floor that is vacant.

(If we combine these above statement there will be 2 possible cases)

Case 1:

S
VACANT
Q - APPLE
PAPAYA
R
PEAR
MANGO

Case 2:

MANGO
PEAR
R
PAPAYA
Q - APPLE
VACANT
S

* S lives on an even numbered floor.

(According to both case S will be at floor number 8 or floor number 2)

* P lives above M and M likes neither Papaya nor Banana.

* There are four floors between the ones who like Orange and Banana. (If we place banana and orange we will have to eliminate case 1 because we will not get proper position for it)

* One who likes Orange stays on a floor higher than the one who likes Banana. (Orange will be placed on floor number 6 and banana on floor number 1)

* N does not like Papaya.

According to the above statement, We conclude:

8	P	Mango
7	M	Pear
6	R	Orange
5	O	Papaya
4	Q	Apple
3	Vacant	Vacant
2	S	Plum
1	N	Banana

3rd floor is vacant

77. Ans. B.

7th : M : Pear is a correct combination of floor number: name: favourite fruit.

Solution:

* There is a gap of one floor between the one who likes Papaya and the floor that is vacant.

* R's immediate neighbours like Pear and Papaya.

* Q likes Apple and lives immediately below the one who likes Papaya.

* The floor immediately above or below the one in which S resides is vacant.

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1	N	Banana

78. Ans. E.

If P is related to Orange and Q is related to Plum, then R is related to Apple.

Solution:

* There is a gap of one floor between the one who likes Papaya and the floor that is vacant.

* R's immediate neighbours like Pear and Papaya.

* Q likes Apple and lives immediately below the one who likes Papaya.

* The floor immediately above or below the one in which S resides is vacant.

* There is a gap of four floors between the one who likes Mango and the floor that is vacant.

(If we combine these above statement there will be 2 possible cases)

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PAPAYA
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PEAR
MANGO

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According to the above statement, We conclude:

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1	N	Banana

79. Ans. C.

6: Orange is the odd one

Solution:

* There is a gap of one floor between the one who likes Papaya and the floor that is vacant.

* R's immediate neighbours like Pear and Papaya.

* Q likes Apple and lives immediately below the one who likes Papaya.

* The floor immediately above or below the one in which S resides is vacant.

* There is a gap of four floors between the one who likes Mango and the floor that is vacant.

(If we combine these above statement there will be 2 possible cases)

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2	S	Plum
1	N	Banana

80. Ans. D.

M likes Pear

Solution:

* There is a gap of one floor between the one who likes Papaya and the floor that is vacant.

* R's immediate neighbours like Pear and Papaya.

* Q likes Apple and lives immediately below the one who likes Papaya.

* The floor immediately above or below the one in which S resides is vacant.

* There is a gap of four floors between the one who likes Mango and the floor that is vacant.

(If we combine these above statement there will be 2 possible cases)



Case 1:

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PEAR
MANGO

Case 2:

MANGO
PEAR
R
PAPAYA
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VACANT
S

- * S lives on an even numbered floor. (According to both case S will be at floor number 8 or floor number 2)
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5	O	Papaya
4	Q	Apple
3	Vacant	Vacant
2	S	Plum
1	N	Banana

81. Ans. A.

One

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B

sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E

(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

82. Ans. B.

Yellow

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E

(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

83. Ans. C.

The one who likes Black color

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E

(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

84. Ans. D.

Black

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit



between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

B D A F G C H E
(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

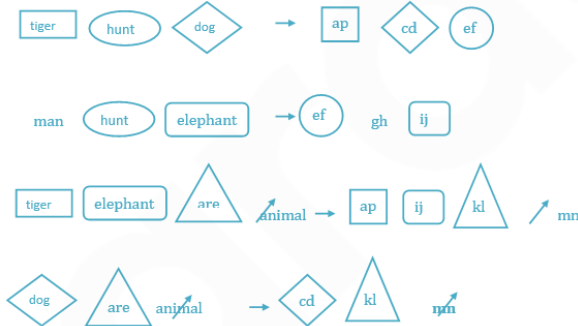
85. Ans. E.

None of these

There is only one person sits between the G, who likes Red color and the person who likes Violet color. Neither A nor the person who likes Violet color sit on the extreme end of the line. There are two persons sit between G and the one who likes Black color. The one who likes Blue color sits second to right of one who likes Green color. H sits immediate left of one who likes Black color. There are two persons sit between H and F, who likes white color. B sits third to left of F. A sits fourth to left of person who stays likes Violet color. C likes orange color. D sits not adjacent to H.

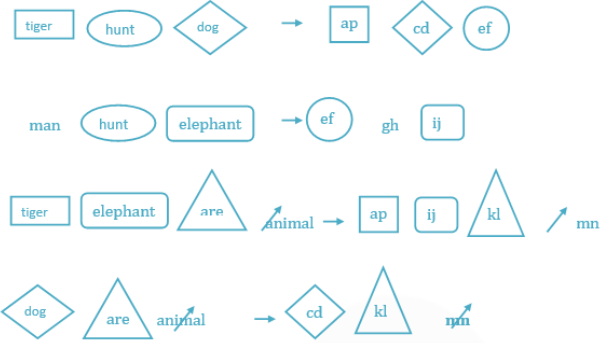
B D A F G C H E
(Green) (Yellow) (Blue) (White) (Red) (Orange) (Violet) (Black)

86. Ans. A.



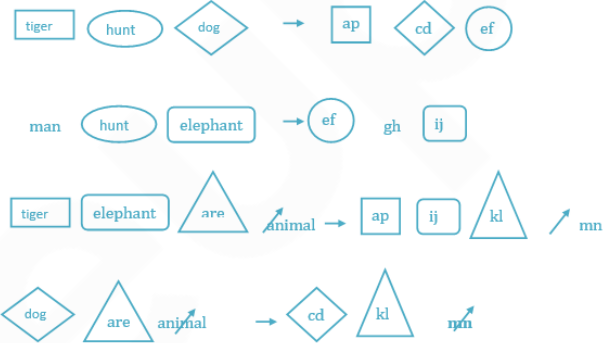
Hence, "hunt" is coded as "ef".

87. Ans. C.



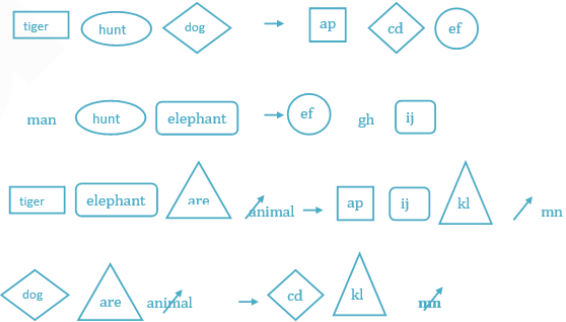
Hence, "tiger" is coded as "ap".

88. Ans. B.



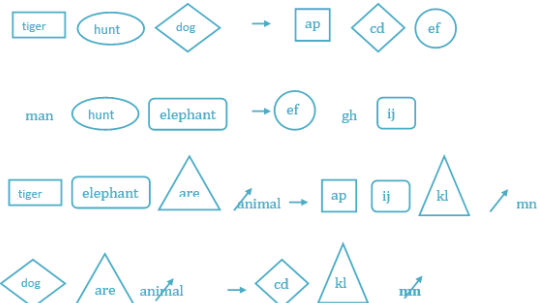
Hence, "dog elephant" is coded as "cd ij".

89. Ans. C.



Hence, "man are animal" is coded as "gh kl mn".

90. Ans. E.



Hence, "dog" is coded as "cd".

91. Ans. B.

Ninth to the right of the 20th from the means 11th from the right, i.e., M.

92. Ans. C.

Symbol	Consonant	Symbol
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Such combination are :

@ F ! ; + J ©

93. Ans. A.

New arrangement

H 3 U 6 G I T P L 8 9 S 2 7 A M K.....

12th from left

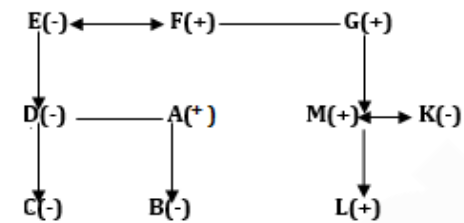
94. Ans. D.

L $\xrightarrow{+2}$ S $\xrightarrow{-1}$ 8
 A $\xrightarrow{+2}$ K $\xrightarrow{-1}$ M
 @ $\xrightarrow{+2}$! $\xrightarrow{-1}$ F
 6 $\xrightarrow{+1}$ % $\xrightarrow{+1}$ G
 J $\xrightarrow{+2}$ D $\xrightarrow{-1}$ ©

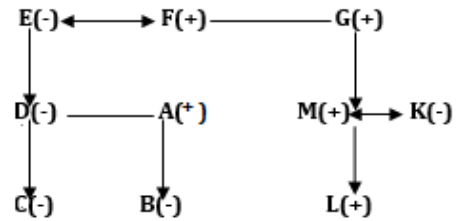
95. Ans. C.

F $\xrightarrow{+5}$ % $\xrightarrow{+6}$ L \longrightarrow 7
 3 $\xrightarrow{+5}$ I $\xrightarrow{+6}$ \$ \longrightarrow A
 U $\xrightarrow{+5}$ T $\xrightarrow{+6}$ ^ \longrightarrow M

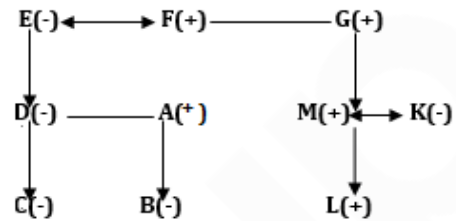
96. Ans. D.



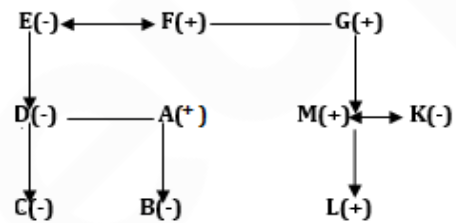
97. Ans. B.



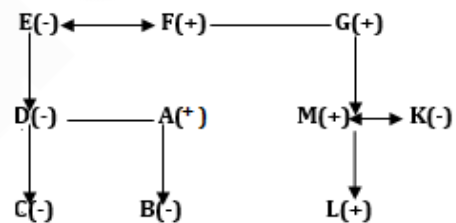
98. Ans. D.



99. Ans. B.



100. Ans. B.



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