

30 Important Questions SBI PO Prelim 2019

All India Live Mock Test
(Feb 13 - Feb 14, 2019)



1. **Direction:** In this question, two columns I and II and three sentences are given, which are divided into two parts. Column I (A, B and C) consists of the first half of each sentence and column II (D, E and F) consists of the second half of each sentence. Match column I with column II, so that the sentences formed are both meaningful and grammatically correct. Choose the option as your answer.

I.

A) Hardly had they spoken these words when the

B) The potential gains of multiple interviews needs to be balanced against the

C) Costs include the additional resources required for conduct multiple interviews as well as.

II.

D) additional law enforcement resources required to prosecute and incarcerate offenders identified.

E) door opened and Arion himself stood before them.

F) potential harms, inconvenience, and economic costs associated with additional interviews.

A. A-E

B. B-F and A-E

C. B-F, A-E and C-D

D. B-F and C-D

E. C-D

2. **Direction:** In this question, two columns I and II and three sentences are given, which are divided into two parts. Column I (A, B and C) consists of the first half of each sentence and column II (D, E and F) consists of the second half of each sentence. Match column I with column II, so that the sentences formed are both meaningful and grammatically correct. Choose the option as your answer.

I.

A) The Prime Minister tried his best to give the impression of being in

B) He said that he paid

C) He just kept shouting to me, even II.

D) control, but the BBC revealed that the party president called all the shots.

E) the fee the previous week.

F) though I had apologized.

A. B-E and C-F

B. A-D and B-E

C. A-D

D. B-E

E. C-F

3. **Direction:** Two sentences are given below with three alternatives following it. Select the connector from the given alternatives which can be used to form a single sentence implying the same meaning as expressed in the statement sentences. Pick out the option which when used in the **beginning**, combines them into one.

By engaging the stakeholders early on, everyone will have a better understanding of the intervention and the challenges it faces in implementation. Also, the evaluation team will be better informed about the key issues for the evaluation and about what information is needed, when, and by whom.

a) Besides allowing everyone

b) In spite of the engagement

c) As a consequent of the engagement

A. Both a and b

B. Only a

C. Only b

D. Both b and c

E. None of these

4. **Direction:** In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e. 'No correction required'.

He **become notoriously** because of a curious controversy that arose concerning the amulets which Mezban was suspected of issuing.



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

- A. Became notorious
- B. Become notorious
- C. Became notoriously
- D. Have become notorious
- E. No correction required

5. **Direction:** In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e. 'No correction required'.

The actors were both engaging **as well as** skilful in their performances.

- A. Or
- B. Along with being
- C. And
- D. But also
- E. No correction required

6. **Direction:** In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e. 'No correction required'.

She **called up** all her reserves of courage to face the ordeal ahead of her.

- A. Called on
- B. Called in
- C. Called for
- D. Called
- E. No correction required

7. **Direction:** In the given question, a part of the sentence is printed in bold. Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which may help improve the sentence. Choose the correct alternative. In case the given sentence is correct, your answer is (E), i.e. 'No correction required'.

When the police started asking questions, the suspect **clammed at**.

- A. Clammed down on
- B. Clammed for
- C. Clammed in
- D. Clammed up
- E. No correction required

8. **Directions:** A sentence with two blanks is given, each blank indicating that something has been omitted. Choose the pair of words that best fit the meaning of the sentence as a whole.

Some teachers remain _____ with favourable postings while others rot in _____ areas.

- A. stressed, rational
- B. far-flung, blessed
- C. transient, remote
- D. aggrieved, hell
- E. blessed, far-flung

Direction (9-10): Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

Once synonymous with long work hours, Japanese companies are beginning to embrace — or at least consider — the idea of a four-day work week. This is part of a global trend. One of the experts observed that if one reduces work hours, people are able to focus their attention more effectively. They end up producing just as much, often with higher quality and creativity, and they are also more loyal to the organizations that are willing to give them the flexibility to care about their lives outside of work.

In Japan, the government is pushing companies to change the way they work. The Prime Minister has made work-style reform a key priority in the hopes of giving employees more flexibility and enabling them to balance work with care-giving or treating their own illnesses, as the country's population ages and workforce continues to shrink. For employees, it obviously allows for a more diverse and flexible way of working. At least one case suggests that



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

a shorter week makes for happier workers. It was found that its experiment led to lower stress, higher levels of job satisfaction and improved work-life balance among its 240 employees.

For employers, providing different work styles is a way to attract and retain talented employees, an important feature given Japan's diminishing domestic workforce. This demographic change makes it important for employers to maintain employees' **vitality**. By maintaining it, employers can prevent resignations, serious accidents and abusive behavior." Three days a week away from the workplace may sound good on paper, but there are potential drawbacks. One is whether workers choosing the four-day week would receive discriminatory treatment in terms of pay raises and promotions, compared with those who work five days. Another worry is whether a shorter workweek may not necessarily lead to more free time. Consider the example of an individual working four days a week for a total of 40 hours at an office in the Tokyo area, an hour away from home. In this scenario, each workday would be 10 hours. Add to that an hour for lunch, as well as the two hours of commuting. The result is little free time on workdays, says Hiroki Sato, a professor of human resources management at Chuo University's Graduate School of Strategic Management.

Source: www.theguardian.com

9. According to the passage, which of the following is not a possible drawback of having a "four-day work week"?
- I. Shorter workweek does not necessarily mean more free time.
 - II. The ones availing the four-day week would discriminate against and look down upon those not availing it.
 - III. The provisions as on paper cannot be entirely executed in reality

- A. Only I
- B. Only II
- C. Only II and III
- D. Only III
- E. None of these

10. What does the phrase "**Once synonymous with long work hours**" mean with reference to the context of the given passage?
- A. Japanese employees are highly productive as they put in extra hours of work.
 - B. Japanese companies were known for long working hours.
 - C. Japanese companies exploit their employees to work extra hours.
 - D. The technological growth of Japan can be attributed to long working hours.
 - E. None of these
11. **Direction:** What should come in place of the question mark '?' in the following number series?
23, 42.2, 80.6, 157.4, 311, ?
- A. 588.4
 - B. 632.2
 - C. 618.2
 - D. 627.4
 - E. 598.2
12. **Direction:** What should come in place of the question mark '?' in the following number series?
7, 15, 38, 103, ?, 665, 1546
- A. 650
 - B. 500
 - C. 150
 - D. 270
 - E. None of these
13. **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine the relation between X & Y.
- I. $6x^2 + 77x + 121 = 0$
 - II. $y^2 + 9y - 22 = 0$
- A. $X > Y$
 - B. $X < Y$
 - C. $X \geq Y$
 - D. If $X \leq Y$
 - E. $X=Y$ or No relation can be established



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

14. **Direction:** In the following question two equations are given in variables X and Y . You have to solve these equations and determine the relation between X & Y .
- I. $12X^2 - 7X = -1$
 II. $6Y^2 - 7Y + 2 = 0$
- A. If $X > Y$ B. If $X < Y$
 C. If $X \geq Y$ D. If $X \leq Y$
 E. If $X=Y$ or No relation can be established
15. At a certain cost price, the wooden almirah is listed 60% above its cost price. When the listed price is increased by 35% and the price of selling is raised by 40%, the profit is tripled. If the original listed price is Rs. 1800, find the selling price at the initial stage?
- A. 1400.5 B. 1405.25
 C. 1406.25 D. 1407.5
 E. 1408.75
16. In the income statement of Asha and Ravenna, the ratio of their income of the year 2017 was 5: 4. The ratio of Asha's income of the year 2018 to that of 2017 is 3: 5 and the ratio of Ravenna's income of the year 2018 to that of 2017 is 3: 2. If 10,242 is the sum of the income of Asha and Ravenna in the year 2018, then find the income of Ravenna for the year 2017?
- A. 1024 B. 1138
 C. 2776 D. 2420
 E. 4552
17. Vipin, the cook, can cut either 120 onion or 72 potatoes or 60 beetroots in t min. One day, during the first K min, he spent an equal amount of time cutting each of three types of vegetables. However, in the next K min, he cut exactly n onion, n beetroots and n potatoes. If he cut a total of 282 vegetables during the first $2K$ min on that day, what is value of n ?
- A. 75
 B. 85
 C. 45
 D. 125
 E. 105
18. A box contains some number of green balls, 16 blue balls and some number of red balls. The probability of getting a red or green ball, on picking a ball randomly is $\frac{2}{3}$. When 2 balls are picked up from the box. The difference between the probability of having both balls red and both balls green is $\frac{31}{282}$ then find the probability of having 1 ball red & 1 ball green.
- A. $\frac{20}{141}$ B. $\frac{21}{141}$
 C. $\frac{22}{141}$ D. $\frac{10}{47}$
 E. None of these.
19. Speed of oil tank in still water is 18km/hr and the current is flowing at the rate of 3 km/hr. Tank travels a distance of 210 km and comes back to the starting point. Find the total time taken by the tank to deliver the oil?
- A. 10 hours B. 14 hours
 C. 24 hours D. 38 hours
 E. 70 hours
20. **Directions:** Study the following information carefully and answer the related questions.
- Following information gives the data regarding number of students applied for five different government exams viz. IBPS, SSC, UPSC, PSUs and Railways. Total number of aspirants applied for UPSC is 80000 more than the number of aspirants applied for PSUs. Aspirants applied for IBPS are 2400000 which is 30% of the total number of aspirants applied for all five government exams. 23% and 18% of total aspirants applied for SSC and Railways respectively. Vacancies in IBPS are 500 more than the vacancies in SSC and half of the vacancies in Railways. There are total 5000 vacancies in UPSC which are 1800 more than PSUs & 4000 less than IBPS. Total vacancies in all government exams together are approximately what percent of average of total number of aspirants?
- A. 2% B. 3%
 C. 4% D. 5%
 E. 6%



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

21. **Direction:** Study the following information carefully to answer the given questions.

In a certain code language,
 'life is good' is written as 'nu mi sa',
 'I am always happy' is written as 'kr gd pi bn',
 'good at things' is written as 'pn fi mi' and
 'happy things come in life' is written as 'fi gd nu wr hg'.

Which of the following is the code of 'come' in the given code language?

- A. fi B. gd
 C. wr D. hg
 E. Either wr or hg
22. **Direction:** Study the following information carefully and answer the given questions.

Seven Persons – S, T, U, V, W, X and Y live on seven different floors of a building but not necessarily in the same order. Lowermost floor is numbered 1. Each of them went to spend their vacations in one of the following destinations – Kerala, Kashmir, Tamilnadu, Mountabu, Ooty, Shillong and Munnar. Each left on a different day of the week starting from Monday. T lives on an odd numbered floor but not on floor number three and left on Monday. The one who went to Tamilnadu lives immediately above Y who left on some day after Friday. The one who went to Kerala lives on an odd numbered floor above X. W went to Munnar and lives on the 4th floor. S lives on the floor above W and left for Ooty on Saturday. The one who lives on top floor went to Mountabu and the person living on the bottom floor went to Shillong but not on Monday. U lives on an even numbered floor and the person who went to Munnar left on Thursday. V left on Tuesday.

Who went to Kashmir?

- A. T B. V
 C. X D. U
 E. None of these

23. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

- A. BY B. LO
 C. EW D. GT
 E. SH

24. **Direction:** Read the following information carefully and answer the questions that follow.

Eight different people: Rohit, Sanjay, Mohit, Ajay, Bhuvan, Harsh, Virat and Rishi (not necessarily in the same order) have to appear for interview in an IT company in the month of August 2018. The company has given specific dates to these people for appearing for the interview. Dates are 02, 11, 28, 05, 08, 31, 22 & 09 in the month of August. Rishi has been called on the 09th of August. Rohit, Sanjay and Harsh have to appear for interview before 10th of August. Mohit has been called on a date before the 15th of August. Either Ajay or Virat has been called on 31st August. Sanjay has been called on a date which is not even. A week after 15th of August Bhuvan has been called up for an interview. Ajay has to go for an interview exactly 20 days after Harsh. Which person has been called first for interview?

- A. Rohit B. Sanjay
 C. Virat D. Ajay
 E. Rishi

25. **Direction:** In this question, a relationship between different elements is shown in the statements. The statements are followed by two conclusions.

Statements:

$B < L \leq X = R < Q, C < B > J, C > J$

Conclusions:

I. $J < Q$

II. $C < X$

- 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 conclusions I and II are true.



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

26. From 20 – 30 August how many people have been called for interview?
A. One B. Five
C. Four D. Three
E. Two

Direction (27-28): Read the following information carefully to answer the following questions.

There are six members i.e. K, N, O, P, Q and R in the family. There are two couples in the family. N, a married woman, is mother of K and daughter of P's wife. Q is mother of R and Q has only one daughter.

27. How is K related to O?
A. Son B. Daughter
C. Mother D. Sister
E. Can't be determined
28. Amrita walks 5 m toward west, then turns left and walks 5 m. She again turns left and walks 5 m. She takes a 225 degree turn rightwards and starts walking straight. In which direction is she walking now?
A. North-East B. South-East
C. South-West D. North-West
E. None of these

29. **Direction:** Read the information carefully and answer the questions below.

Seven members A, B, C, D, E, F and G of a battalion of BSF in Jammu and Kashmir gets leave according to rotation policy such that the efficiency of the battalion does not get affected. January, February, March, April, May, June and July are the seven months in which they

visit their homes but not necessarily in the same order. These seven army men are from seven different cities which are Hisar, Panji, Rohtak, Delhi, Patna, Agra and Noida but not necessarily in the same order. A belongs to Patna and gets his leave 4 months after D. The person from Panji goes home three months after G. E gets his leave five months after F. Neither C nor B is from Rohtak. F is from Agra and gets his leave either in June or February. C goes home two months after B. The person from Delhi gets his leave within first three months of the year. The person from Hisar goes home in the month of March.

Which of the following pair is incorrectly matched?

- A. A – May B. G – Hisar
C. D – Panji D. E – July
E. B – April

30. **Direction:** Read the information carefully and answer the questions below.

There are five people U, V, W, X, Z and they can carry loads of different capacities not necessarily in the same order. U has a higher capacity than X and Z. W has less capacity than only V. X carries more loads than Z.

If W carry 62 kg of loads, then what would be the capacity of V?

- A. 53 B. 24
C. 71 D. 49
E. None of these



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

ANSWERS

1. Ans. A.

The sentences are to be formed in a way that they are both grammatically and contextually correct.

The pair 'B-F' forms a grammatically incorrect sentence because of the subject-verb agreement violation. The subject in the sentence is 'potential gains' which is plural, hence, the verb must be plural. However, a singular verb is used in the sentence which is erroneous.

The pair 'C-D' also forms a grammatically incorrect sentence because of the presence of the preposition 'for' after required. 'For' is used before a noun phrase while 'to' is used before a verb phrase.

The sentence formed by joining segments A and E is grammatically correct.

Therefore, the correct answer is option A.

2. Ans. C.

The sentences are to be formed in a way that they are both grammatically and contextually correct.

The phrase 'call the shots' means 'to be in charge of what is happening'. The phrase is aptly used in the sentence formed by joining the segments A and D, thereby, making the sentence grammatically correct.

Sentence formed by joining the segments B and E is grammatically incorrect because we use the past perfect tense in the reported speech when the verb in the main clause is in the past tense. Thus, the sentence should be 'He said that he had paid the fee the previous week'.

Also, the segments C and F do not form a grammatically correct sentence. When you shout to someone, you raise your voice to ensure that he or she can hear you. If, on the other hand, you shout at someone, you raise your voice because you are angry with him or her. In the given sentence, the preposition after 'shout' is inappropriate. 'At' must be used instead of 'to'.

Therefore, only 'A-D' forms a grammatically correct sentence, thereby, making option C as the correct answer.

3. Ans. B.

The second part of the sentence acts as an additional reasoning behind the reason for 'engaging stakeholders' as mentioned in the first part. Thus, alternative (a), "Besides" act as the correct connector for the two sentences. Using (b) would imply that the two sentences are in opposition while using (c) would have implied that the second sentence is a result of the first.

New Sentence –

Besides allowing everyone to have a better understanding of the intervention and the challenges it faces in implementation, engaging the stakeholders early on will facilitate the evaluation team to be better informed about the key issues for the evaluation and about what information is needed, when, and by whom.

4. Ans. A.

The phrase 'become notoriously' is incorrect in the given sentence. The sentence is in the past tense, therefore, 'become' is erroneous. It should be 'became' to maintain parallelism. Also, an adjective (notorious) is required rather than an adverb (notoriously) to define the quality of the subject.

Hence, the correct sentence is: **He became notorious because of a curious controversy that arose concerning the amulets which Mezban was suspected of issuing.**

5. Ans. C.

'Both' is never paired with 'as well as'. Both is paired with 'and' to add emphasis to two coordinated elements in a sentence. 'Both' is a focusing adverb and 'and' is a coordinator for addition. This paired expression is also called a "correlative conjunction".

Hence, the correct sentence will be: **The actors were both engaging and skilful in their performances.**

6. Ans. A.

The sentence implies that she gathered all her courage to face a very unpleasant and prolonged event ahead of her.



**FREE TEST
SBI PO COMBO EXAM**

ATTEMPT NOW

The phrase in the bold is a noun while the sentence demands a phrasal verb. The phrase 'call up' means 'an instance of being summoned to serve in the armed forces or a sports team'.

Out of the given options, only the phrasal verb 'called on' fits in the context of the sentence as it means 'to produce a particular quality in yourself, especially by making a great effort'.

The meanings of other phrases are:

Call in: a radio or television programme during which the listeners or viewers telephone the studio and participate

Call for: publicly ask for or demand

Call: cry out (a word or words)

7. Ans. D.

The sentence implies that the suspect refused to answer when the police started asking questions.

Out of the given options, only 'clammed up' means 'refused to speak' and hence, is the correct substitute for the phrase in bold.

The phrase 'clammed down on' means 'acted strictly to prevent something'.

8. Ans. E.

Aggrieved- angry, hurt

far-flung- distant

transient- temporary

rational- logical

Two things should be noted with reference to the first blank:

- i. it is followed by the preposition 'with'
- ii. the word in the blank must define the state of people as they would be in favourable postings.

One would not be stressed or aggrieved with favourable postings, which eliminates options A and D.

To be far- flung transient with something is an incorrect expression, so, options B and C can be eliminated.

Option E is the correct answer as one could be 'blessed' with favourable postings, while people can rot in distant areas.

9. Ans. C.

The last paragraph of the passage discusses the drawbacks of the "four-day work-week" system. They are:

1. Whether workers choosing the four-day week would receive discriminatory treatment in terms of pay raises and promotions, compared with those who work five days.
2. Whether a shorter workweek may not necessarily lead to more free time.

Thus, alternative I is correct. II is incorrect as the ones availing the benefit will not discriminate against the ones not availing it. The problem is that, the process may lead to discriminatory treatment in terms of pay raises and promotions. III is not discussed as a possible drawback of "four-day work week" in the passage, thus it can be eliminated.

10. Ans. B.

To be synonymous to something means that two things share similar characteristics. The opening lines of the passage, "Once **synonymous with long work hours**", means that the Japanese companies were once known for long working hours.

Thus, option B is the correct answer.

11. Ans. C.

The pattern is :

$$23 + 1 \times 19.2 = 42.2$$

$$42.2 + 2 \times 19.2 = 80.6$$

$$80.6 + 4 \times 19.2 = 157.4$$

$$157.4 + 8 \times 19.2 = 311$$

$$311 + 16 \times 19.2 = 311 + 307.2 = 618.2$$

12. Ans. D.

The Pattern is:-

$$7$$

$$15 = 7 \times 2 + 1^3$$

$$38 = 15 \times 2 + 2^3$$

$$103 = 38 \times 2 + 3^3$$

$$? = 103 \times 2 + 4^3 = 270$$

$$665 = 270 \times 2 + 5^3$$

$$1546 = 665 \times 2 + 6^3$$

Thus, the missing number is 270

So option (d) is the correct answer.

13. Ans. E.

$$I. 6x^2 + 77x + 121 = 0$$

$$6x^2 + 66x + 11x + 121 = 0$$

$$6x(x + 11) + 11(x + 11) = 0$$

$$(x + 11)(6x + 11) = 0$$



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

$x = -11$ or $-11/6$
 II. $y^2 + 11y - 2y - 22 = 0$
 $y(y + 11) - 2(y + 11) = 0$
 $(y - 2)(y + 11) = 0$
 $y = 2$ or -11
 Clearly $X=Y$ or No relation can be established
 14. Ans. B.
 (I) $12X^2 - 7X = -1$
 $12X^2 - 7X + 1 = 0$
 $12X^2 - 4X - 3X + 1 = 0$
 $4X(3X - 1) - 1(3X - 1) = 0$
 $(3X - 1)(4X - 1) = 0$
 $X = 1/4$ or $1/3$
 (II) $6Y^2 - 7Y + 2 = 0$
 $6Y^2 - 4Y - 3Y + 2 = 0$
 $2Y(3Y - 2) - 1(3Y - 2) = 0$
 $(3Y - 2)(2Y - 1) = 0$
 $Y = 2/3$ or $1/2$
 Obviously, $X < Y$
 15. Ans. C.
 Let, SP = x
 Marked Price = 1800
 The marked price of a cycle is 60% above its cost price.
 $CP = 1800 \times \frac{100}{160} = 1125$
 Profit = SP - CP
 Profit = x - 1125
 Marked Price = 1800
 Marked price is increased by 35%
 $MP = 1800 \times \frac{135}{100} = 2430$
 Selling price is increased by 40%
 $SP = x \times \frac{140}{100} = 1.4x$
 $Profit' = 1.4x - 1125$
 Given, the profit is tripled.
 $3 \times Profit' = Profit$
 $(1.4x - 1125) = 3(x - 1125)$
 $x = Rs. 1406.25$
 So option (c) is the correct answer.
 16. Ans. E.
 Let Asha and Ravenna's income for the year 2018 be 3x and 3y respectively
 Hence, their income in 2017 was 5x and 2y respectively

Since, the ratio of their income in the year 2017 was 5: 4
 $5x: 2y = 5: 4$
 $2x = y$ ------(i)
 The sum of their incomes in 2018 is Rs. 10, 242
 $3x+3y=10, 242$ ------(ii)
 Using equation (i) and (ii):
 $9x=10,242$
 $x=1,138$ and $y =2276$
 Ravenna's income for the year 2017 = $2y=$
 Rs. 4552
 So option (e) is the correct answer.
 17. Ans. C.
 Given the ratio of working rates on the three types of vegetables as 120 : 72 : 60 i.e. 10 : 6 : 5
 Suppose, he cuts N vegetables in the first K min
 $k/3$ min was spend cutting say 10x onion
 $k/3$ mins were spent cutting 6x potatoes and
 $k/3$ mins were spent cutting 5x beetroots
 During the next K min, the time distribution was
 in the ratio 1/10 : 1/6 : 1/5 i.e. 6 : 10 : 12 = 3 : 5 : 6
 Hence $3/14 K$, $5/14 K$ and $6/14 K$
 onion cut $\frac{3}{14}k \times 10x = \frac{90x}{14}$ onion
 Similarly, $\frac{5}{14}k$ potatoes and $\frac{6}{14}k$ beetroots are cut.
 Total number of vegetables cut in the first 2K
 $= 10x + 6x + 5x \frac{90x}{14} \times 3 = 282$
 $x = 7$ and $\frac{90x}{14} = 45$
 18. Ans. D.
 Let no. of green balls = G
 No. of red balls = R
 No. of blue balls = 16
 total number of balls = R+G+16
 ATQ: the probability of getting a ball as red or green
 $[\frac{R}{(R+G+16)} + \frac{G}{(R+G+16)}] = 2/3$
 $R+G = 32$
 total number of balls = 48



FREE TEST
SBI PO COMBO EXAM
[ATTEMPT NOW](#)

$$RC_2/48C_2 - (32-R)C_2/48C_2 = 31/282$$

$$RC_2 - (32-R)C_2 / 1128 = 124/1128$$

$$R = 20, G = 12$$

Required probability =

$$20C_1 * 12C_1 / 48C_2 = 10/47$$

19. Ans. C.

Speed in still water = 18 kmph

Speed of current = 3 kmph

On solving, we get speed downstream and upstream as:

$$d = 21 \text{ kmph}; u = 15 \text{ kmph}$$

So, total time required by the tank =

$$\frac{210}{21} + \frac{210}{15} = 10 + 14 = 24 \text{ hours}$$

So option (c) is the correct answer.

20. Ans. B.

Aspirants applied for IBPS = 2400000

Total aspirants

$$= \frac{100}{30} \times 2400000 = 8000000$$

Aspirants applied for SSC

$$= 23\% \text{ of } 8000000 = 1840000$$

Aspirants applied for Railways

$$= 18\% \text{ of } 8000000 = 1440000$$

Aspirants applied for UPSC = Aspirants

applied for PSU + 80000

8000000 = Aspirants applied for PSUs +

80000 + Aspirants applied for PSUs +

2400000 + 1840000 + 1440000

Aspirants applied for PSUs = 1120000

Aspirants applied for UPSC

$$= 1120000 + 80000 = 1200000$$

Vacancies in UPSC = 5000

Vacancies in PSUs

$$= 5000 - 1800 = 3200$$

Vacancies in IBPS

$$= 5000 + 4000 = 9000$$

$$\text{Vacancies in SSC} = 9000 - 500 = 8500$$

Vacancies in railways

$$= 2 \times 9000 = 18000$$

Total vacancies

$$= 9000 + 8500 + 18000 + 5000 + 3200 = 43700$$

Average of total aspirants

$$= \frac{8000000}{5} = 1600000$$

Required percentage

$$= \frac{43700}{1600000} \times 100 = 3\% \text{ (approx.)}$$

So option (b) is the correct answer.

21. Ans. E.

Words	Codes
good	mi
things	fi
at	Pn
life	Nu
is	Sa
happy	Gd
come	wr/hg
in	wr/hg
I	Kr/pi/bn
am	Kr/pi/bn
always	Kr/pi/bn

Hence, the code of 'come' in the given code language is either 'wr' or 'hg'.

22. Ans. C.

Seven persons: S, T, U, V, W, X and Y.

Destinations: Kerala, Kashmir, Tamilnadu,

Mountabu, Ooty, Shillong and Munnar.

Days: Monday to Sunday.

Floors: 1 to 7.

1) W went to Munnar and lives on the 4th floor.

Floors	Persons	Destination	Days
7			
6			
5			
4	W	Munnar	
3			
2			
1			

2) T lives on an odd numbered floor but not on floor number three and left on Monday.

(There will be three cases)

Case I:

Floors	Persons	Destination	Days
7	T		Monday
6			
5			
4	W	Munnar	
3			
2			
1			



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

Case II:

Floors	Persons	Destination	Days
7			
6			
5	T		Monday
4	W	Munnar	
3			
2			
1			

Case III:

Floors	Persons	Destination	Days
7			
6			
5			
4	W	Munnar	
3			
2			
1	T		Monday

3) The one who lives on the top floor went to Mountabu and the person living on the bottom floor went to Shillong but not on Monday.

(Hence, Case I and III will be eliminated, so we can further proceed with Case II)

Floors	Persons	Destination	Days
7		Mountabu	
6			
5	T		Monday
4	W	Munnar	
3			
2			
1		Shillong	

- 4) The one who went to Kerala lives on an odd numbered floor above X.
- 5) S lives on the floor above W and left for Ooty on Saturday.
- 6) U lives on an even numbered floor.
- 7) The one who went to Tamilnadu lives immediately above Y who left on some day after Friday.
- 8) V left on Tuesday.
- 9) The person who went to Munnar left on Thursday.

Floors	Persons	Destination	Days
7	V	Mountabu	Tuesday
6	S	Ooty	Saturday
5	T	Kerala	Monday
4	W	Munnar	Thursday
3	X	Kashmir	Wednesday/Friday
2	U	Tamilnadu	Friday/Wednesday
1	Y	Shillong	Sunday

Clearly, X went to Kashmir.

23. Ans. C.

Clearly, except EW, all others letter pairs are the Combination of opposite places in alphabet.

Hence, EW does not belong to that group.

24. Ans. A.

People: Rohit, Sanjay, Mohit, Ajay, Bhuvan, Harsh, Virat and Rishi.

Dates: 02, 11, 28, 05, 08, 31, 22 and 09.

1) Rishi has been called on 09th of August.

2) A week after 15th of August Bhuvan has been called up for interview.

3) Rohit, Sanjay and Harsh have to appear for interview before 10th of August.

Person	Date (in month of August)
Rishi	09
Bhuvan	22
Rohit	02 / 05 / 08
Sanjay	02 / 05 / 08
Harsh	02 / 05 / 08
Mohit	
Ajay	
Virat	

4) Mohit has been called on a date before 15th of August.

(So, there is only one possible date for Mohit)

Person	Date (in month of August)
Rishi	09
Bhuvan	22
Rohit	02 / 05 / 08
Sanjay	02 / 05 / 08
Harsh	02 / 05 / 08
Mohit	11
Ajay	
Virat	



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

- 5) Sanjay has been called on a date which is not even.
 6) Either Ajay or Virat has been called on 31st August.

Person	Date (in month of August)
Rishi	09
Bhuvan	22
Rohit	02 / 08
Sanjay	05
Harsh	02 / 08
Mohit	11
Ajay	28 / 31
Virat	28 / 31

- 7) Ajay has to go for interview exactly 20 days after Harsh.
 (So, there is only one possible arrangement)

Person	Date (in month of August)
Rishi	09
Bhuvan	22
Rohit	02
Sanjay	05
Harsh	08
Mohit	11
Ajay	28
Virat	31

Hence, Rohit has been called first for interview.

25. Ans. E.

Statements: $B < L \leq X = R < Q$, $C < B > J$, $C > J$

On Combining: $J < C < B < L \leq X = R < Q$;
 $C > J < B < L \leq X = R < Q$

Conclusions:

I. $J < Q \rightarrow$ True (as $J < B < L \leq X = R < Q \rightarrow J < Q$)

II. $C < X \rightarrow$ True (as $C < B < L \leq X \rightarrow C < X$)

Clearly, both conclusions I and II are true.

26. Ans. E.

People: Rohit, Sanjay, Mohit, Ajay, Bhuvan, Harsh, Virat and Rishi.

Dates: 02, 11, 28, 05, 08, 31, 22 and 09.

- 1) Rishi has been called on 09th of August.
 2) A week after 15th of August Bhuvan has been called up for interview.

- 3) Rohit, Sanjay and Harsh have to appear for interview before 10th of August.

Person	Date (in month of August)
Rishi	09
Bhuvan	22
Rohit	02 / 05 / 08
Sanjay	02 / 05 / 08
Harsh	02 / 05 / 08
Mohit	
Ajay	
Virat	

- 4) Mohit has been called on a date before 15th of August.

(So, there is only one possible date for Mohit)

Person	Date (in month of August)
Rishi	09
Bhuvan	22
Rohit	02 / 05 / 08
Sanjay	02 / 05 / 08
Harsh	02 / 05 / 08
Mohit	11
Ajay	
Virat	

- 5) Sanjay has been called on a date which is not even.

6) Either Ajay or Virat has been called on 31st August.

Person	Date (in month of August)
Rishi	09
Bhuvan	22
Rohit	02 / 08
Sanjay	05
Harsh	02 / 08
Mohit	11
Ajay	28 / 31
Virat	28 / 31

- 7) Ajay has to go for interview exactly 20 days after Harsh.
 (So, there is only one possible arrangement)



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

Person	Date (in month of August)
Rishi	09
Bhuvan	22
Rohit	02
Sanjay	05
Harsh	08
Mohit	11
Ajay	28
Virat	31

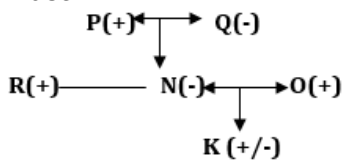
Hence, only two people (i.e. Bhuvan and Ajay) have been called for interview in between 20 – 30 August.

27. Ans. E.

K is either Son or daughter of O.

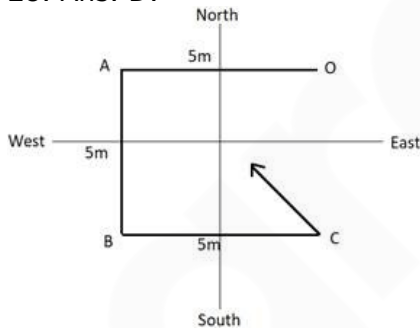
Hence, option E

N is mother of K and daughter of P's wife. Q is mother of R and Q has only one daughter. As there are two couples in the family. So Q must



be wife of P and N is the sister of R and O is the husband of N. As Q has only one daughter of R must be male. K's gender is unknown.

28. Ans. D.



Clearly the direction she is facing now is North-West.

29. Ans. C.

Seven members - A, B, C, D, E, F and G.
Months - January, February, March, April, May, June and July.

Cities - Hisar, Panji, Rohtak, Delhi, Patna, Agra and Noida.

- 1) The person from Hisar goes home in the month of March.
- 2) F is from Agra and gets his leave either in June or February.
- 3) E gets his leave five months after F. (Now as E gets his leave five months after F, it implies F gets his leave in February)

Months	Members	Cities
January		
February	F	Agra
March		Hisar
April		
May		
June		
July	E	

- 4) The person from Delhi gets his leave within first three months of the year. (Now clearly, he goes to his home in January)

- 5) A belongs to Patna and gets his leave 4 months after D.

(There is only one way for this to be possible i.e. if D belongs to Delhi)

Months	Members	Cities
January	D	Delhi
February	F	Agra
March		Hisar
April		
May	A	Patna
June		
July	E	

- 6) C goes home two months after B.

(It clearly means that C gets his leave in June and B in April respectively)

- 7) Neither C nor B is from Rohtak.

(This implies that E is from Rohtak)

- 8) The person from Panji goes home three months after G.

(This implies that C is from Panji)



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW

Months	Members	Cities
January	D	Delhi
February	F	Agra
March	G	Hisar
April	B	Noida
May	A	Patna
June	C	Panji
July	E	Rohtak

D is from Delhi and not from Panji.

30. Ans. C.

Five people: U, V, W, X and Z.

1) W has less capacity than only V.
(Hence, V has higher capacity)

$$V > W$$

2) U has higher capacity than X and Z.

$$U > X \text{ and } Z.$$

3) X carries more loads than Z.

(Hence, X has higher capacity than Z)

$$X > Z$$

Combining all, we get:

$$V > W > U > X > Z$$

According to the question, If W carries 62 kg of loads then,

Clearly, capacity of V is higher than W and hence, the capacity of V is 71.



FREE TEST
SBI PO COMBO EXAM

ATTEMPT NOW



SBI PO Combo 2019

Online Test Series

1. Based on the Latest Exam Pattern
2. Available in Hindi & English
3. All India Rank & Performance Analysis
4. Detailed Explanation of Solutions
5. Available on Mobile & Desktop

