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ESIC SSO

Memory Based Paper
Prelims
3rd Nov, 2018 Shift 2

100 Questions

Que. 1 | **Directions: Read the following passage and answer the questions given below. Some words may be highlighted for you. Pay attention.**

LIC is known as India's largest government-owned life insurance and investment corporation. The main role of LIC is to invest in global financial markets and different government securities after gathering funds from people through their various life insurance policies. At least 75% of these gathered funds are to be invested in Central and State Government securities, as stated by one of the LIC rules. The major functions of LIC are as follows:- Collect people's savings in exchange for an insurance policy and promote savings in the country. Protect the capital of the people by investing funds into government securities. Issue insurance policies at affordable rates provide various loans like direct loans to industries, housing loans, loans to various national projects at reasonable interest rates. LIC aims to spread awareness about the importance of life insurance among people living in rural areas and people who are a part of socially and economically backward classes. It aims to meet several life insurance needs of the community people who are subjected to change with the changing social and economic environment. It aims to conduct business economically while taking into consideration that the money belongs to the policyholders. It aims to maximization of the mobility of people's savings through attractive insurance-linked savings. It aims in providing the utmost job satisfaction to all the agents and employees of the corporation and promotes building a cooperative work environment to deliver efficient service with courtesy to its insured public. It aims to deploy the funds to the best advantage of the investors and the community as well. The LIC subscribes to and underwrites the shares, bonds, and debentures of several financial corporations and companies and grants term loans. It maintains a relationship with other financial institutions such as IDBI, UTI, IFCI, etc for coordination of its investment. The investment policy of the LIC of India should bring a fair return to policyholders consistent with safety. Since the funds at the **disposal** of the LIC are in the nature of the trust money, they should be invested in such securities which do not **diminish** in value and give the highest possible return.

According to the passage, What is the main role of the LIC?

1. The main role of LIC is to invest in global financial markets and different government securities.
2. The main role of LIC is to invest in foreign markets.
3. Collect people's income in exchange for an insurance policy and promote savings in the country.
4. Providing the utmost satisfaction.
5. None of the above.

Correct Option - **1**

Que. 2 | Why LIC maintains the relationships with the other financial institutions?

1. for getting more profit
2. to get a fair return
3. for coordination of its investment.
4. to get the best advantage from the investor
5. None of the above

Correct Option - **3**

Que. 3 | What is the major objective of the investment policy of the LIC?

1. to maximization of the mobility of people's savings
2. to accumulate as much profit as possible
3. to conduct business economically
4. to bring a fair return to the policyholders
5. None of the above

Correct Option - **4**

Que. 4 | Which of the following statement/s is correct?

A) LIC aims to spread awareness about the importance of life insurance among people
B) It aims to meet several life insurance needs of the community people
C) It aims to deploy the funds to the best advantage of the investors

1. Only A
2. Only B
3. Only C
4. Both A and B
5. All are correct

Correct Option - **5**

Que. 5 | At least how much of these gathered funds are to be invested in Central and State Government securities?

1. 75%
2. 65%
3. 85%
4. 55%
5. 95%

Correct Option - **1**

Que. 6 | What is the synonym of **disposal?**

1. Keeping
2. Retention
3. discard
4. Hold
5. Beginning

Correct Option - **3**

Que. 7 | What is the antonym of **diminish**?

1. decline
2. reduce

3. alleviate
4. devalue
5. boost

Correct Option - **5**

Que. 8 **Directions: Read the passage given below carefully and then answer the following questions that follow.**

The Indian Army is the land-based branch and the largest _____(1)_____ of the Indian Armed forces. The President of India is the Supreme Commander of the Indian Army, and its professional head is the Chief of Army Staff (COAS), who is a four-star general. Only two officers in the Army _____(2)_____ conferred with the rank of field marshal, a five-star rank, which is a ceremonial position of great honour given only to the finest gems of the Indian Army. The Indian Army _____(3)_____ from the armies of the East India Company, which eventually became the British Indian Army, and the armies of the princely states, which were ___(4)___ into the national army after independence. The units and regiments of the Indian Army have diverse histories and _____(5)_____ in a number of battles and campaigns around the world, earning many battle and theatre before and after Independence. The primary mission of the Indian Army is to ensure national security and national unity, to defend the nation from external _____(6)_____ and internal threats, and to maintain peace and security within its borders.

Which of these should be filled at (1) as per the context of the passage?

1. aggregate
2. adventitious
3. component
4. compound
5. nonconstituent

Correct Option - **3**

Que. 9 Which of these should be filled at (2) as per the context of the passage?

1. are
2. has been
3. had been
4. is been
5. have been

Correct Option - **5**

Que. 10 Which of these should be filled at (3) as per the context of the passage?

1. originated
2. refrained
3. ceased
4. terminated
5. intermit

Correct Option - **1**

Que. 11 Which of these should be filled at (4) as per the context of the passage?

1. Maligned
2. Acclaimed
3. Slandered
4. Separated
5. Merged

Correct Option - **5**

Que. 12 Which of these should be filled at (5) as per the context of the passage?

1. is participated
2. have participated
3. has participated
4. were participate
5. had been participate

Correct Option - **2**

Que. 13 Which of these should be filled at (6) as per the context of the passage?

1. aggression
2. aggregate
3. aggravate
4. meekness
5. stoicism

Correct Option - **1**

Que. 14 **Read the following sentence and determine whether there is any error in it. The error, if any, will be in one part of the sentence. If the sentence is error-free, then select 'No Error' as your answer.**

The smoke from other people's cigarettes comes off from a cigarette**(A)**/ directly, rather than going through it, and hence can **(B)**/ contain three times the tar and ten times the concentration**(C)**/ of carcinogenic agents as the filtered smoke that a smoker inhales.**(D)**

1. A
2. B
3. C
4. D
5. No Error

Correct Option - **1**

Que. 15   Read the following sentence and determine whether there is an error in it. The error, if any, will be in one part of the sentence. If the sentence is error-free, then select 'No Error' as your answer.

The scenery is everywhere striking **(A)**/ beautiful and varied, and the coral **(B)**/ of the more secluded bays in **(C)**/ its harbours are conspicuous for their exquisite colouring. **(D)**

1. A
2. B
3. C
4. D
5. No error

Correct Option - **1**

Que. 16   Read the following sentence and determine whether there is an error in it. The error, if any, will be in one part of the sentence. If the sentence is error-free, then select 'No Error' as your answer.

The settlement of the boundary dispute **(A)**/ between India and China will hinge at **(B)**/ the willingness of India **(C)**/ as well as China to make concessions. **(D)**

1. A
2. B
3. C
4. D
5. No error

Correct Option - **2**

Que. 17   In this question, a sentence has been divided into four parts (A), (B), (C) and (D). Read the sentence to find out whether there is any grammatical error in it. The error if any, will be in one part of the sentence. Mark that part as your answer. If there is no error, the answer is 'No error'. Ignore the error of punctuation if any.

Sentence structure is incredibly important (A)/ to the way we communicate (B)/ and this ability come naturally to (C)/ native English speakers with time and experience. (D)

1. (A)
2. (B)
3. (C)
4. (D)
5. No error

Correct Option - **3**

Que. 18   Read the sentence given below to find out if it contains any error. The error, if any, will be in one part of the sentence. If the sentence is error free, select No error or option 5. Ignore error of punctuation if any.

Researchers have found a whale (A)/ species that typically migrates away from (B)/ solid sea ice each autumn and returns every (C)/ summer to feasting on tiny crustaceans. (D)/ No error (E)

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

Correct Option **- 4**

Que. 19 | **Arrange the following parts of a sentence in the correct order and mark the correct option.**

A. done to pacify the

B. wouldn't damage

C. spirits so that they

D. the crops or cause anyone grief

E. these sacrifices were

1. EACBD
2. EDCAB
3. BACDE
4. ADCBE
5. BCADE

Correct Option **- 1**

Que. 20 | **The question below contains five scattered segments of a sentence. Indicate the sequence which correctly assembles the segments and completes the sentence.**

A. for their unhealthy choices

B. while most of us would never think

C. it comes to pointing out healthy ones

D. people can be oddly critical when

E. of saying something to someone

1. BEACD
2. BDCEA
3. BEADC
4. ABDEC
5. BDCAE

Correct Option **- 3**

Que. 21 | **The question below contains five scattered segments of a sentence. Indicate the sequence which correctly assembles the segments and completes the sentence.**

A. given us many wonderful gifts

B. to survive but also to live

C. mother Nature has

D. one life in a prosperous way

E. that not only help us

1. EABDC
2. ABECD
3. BDEAC
4. CAEBD
5. DBECA

Correct Option - **4**

Que. 22 | **The question below contains five scattered segments of a sentence. Indicate the sequence which correctly assembles the segments and completes the sentence.**

A. richer and the poor

B. the rich are growing

C. that is difficult to fill up

D. are getting poorer

E. creating an economic gap

1. BADEC
2. CBDEA
3. DBCEA
4. EBDCA
5. AEBDC

Correct Option - **1**

Que. 23 | **The question below contains five scattered segments of a sentence. Indicate the sequence which correctly assembles the segments and completes the sentence.**

A. status they belong to.

B. inherited with Human rights

C. no matter what caste,

D. Every human being is

E. creed, gender, the economic

1. ABCDE
2. EDACB
3. DBCEA
4. CBDEA
5. None of the above

Correct Option - **3**

Que. 24 | **Select the phrase/connector from the given three options which can be used to form a single sentence from the two sentences given below, implying the same as expressed in the statement**

sentence.

Misha went ahead with the concert. Doctor had advised him to rest for at least 2 weeks.

1. Despite

2. Because

3. Furthermore

   1.   Only 3
   2.   Only 2
   3.   Only 1
   4.   1 and 2
   5.   2 and 3

Correct Option **- 3**

Que. 25   **Select the phrase/connector from the given three options which can be used to form a single sentence from the two sentences given below, implying the same as expressed in the statement sentence.**

The weather was extremely bad. The camping plan had to be cancelled.

1. Thus

2. Therefore

3. Unless

   1.   Only 1
   2.   Only 2
   3.   Only 3
   4.   2 and 3
   5.   2 and 1

Correct Option **- 5**

Que. 26   **Select the phrase/connector from the given three options which can be used to form a single sentence from the two sentences given below, implying the same as expressed in the statement sentence.**

Don't fear difficulty in life. Difficult roads lead to beautiful destinations.

1. Because

2. Still

3. Either...or

   1.   Only 1
   2.   Only 2
   3.   Only 3
   4.   Both 1 and 2
   5.   None of the above

Correct Option **- 1**

Que. 27 Select the phrase/connector from the given three options which can be used to form a single sentence from the two sentences given below, implying the same as expressed in the statement sentence.

I didn't know you'd want the cheesecake. I also didn't know you'd want the chocolate cake, so I got both.

1. Either...or
2. Whether...or
3. However

1. Both 1 and 3
2. Only 3
3. Only 2
4. Only 1
5. Both 2 and 3

Correct Option **- 3**

Que. 28 In the following sentence, a part of the sentence is underlined. Below are given alternatives to the underlined part, which may improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the alternative that indicates 'No improvement'.

The transition back to work is easier, however, if individuals have worked previously and have skills **to fall out on**.

1. to fall back on
2. to fall in on.
3. to fall upon
4. fell out on
5. No improvement

Correct Option **- 1**

Que. 29 Which of the phrases given below the sentence should replace the word/phrase that is given in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, mark 'No correction required' as the answer.

After being transferred to a new city as the District Magistrate, Satyendra **couldn't adapt to the new locality.**

1. Couldn't adapt for the new locality.
2. Couldn't adopt himself to the new locality.
3. Couldn't adapt himself to the new locality.
4. Couldn't adapted to the new locality.
5. No correction required

Correct Option **- 3**

Que. 30 Which of the phrases given below the sentence should replace the word/phrase that is given in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and

no correction is required, mark 'No correction required' as the answer.

The tiger **patiently waited** behind the bush and looked for an opportunity to pounce on the unsuspecting deer.

1. Patiently waiting
2. Waiting patiently
3. Waited patiently
4. Was patiently waiting
5. No correction required

Correct Option **- 3**

Que. 31 | **Direction:** Read the information given below and answer the question that follows.

There are eight people sitting in a straight-line facing North. They are – A, B, C, D, E, F, G and H. All have different professions – Doctor, Engineer, Teacher, Dancer, Actor and Painter, except for two, who are students.

A who is a Doctor sits at the extreme left end. There are five people sitting between A and G who is a Painter. The person sitting to the immediate right of G is a Student. The other student sits third to the left of G. The Engineer sits to the immediate left of B who sits to the immediate left of one of the students. C who is a Dancer sits to the immediate right of one of the students. E and H are both students. E does not sit at any of the extreme ends. B is not an Actor. D sits immediately between A and B.

Who sits exactly between E and F?

1. A
2. B
3. C
4. D
5. G

Correct Option **- 3**

Que. 32 | Who sits third to the right of D?

1. Actor
2. Painter
3. Dancer
4. Student
5. Teacher

Correct Option **- 3**

Que. 33 | What is the profession of G?

1. Student
2. Painter
3. Actor
4. Engineer
5. Doctor

Que. 34 | What is the profession of the person who sits immediately between A and B?

1. Teacher
2. Painter
3. Doctor
4. Student
5. Engineer

Que. 35 | Who among the following sits to the immediate left of C?

1. A
2. B
3. F
4. D
5. E

Que. 36 | **Directions:** In the following question assuming the given statement to be true, find which of the conclusion among the given conclusions is / are definitely true and then give your answer accordingly.

Statement: $A < Z \leq S < X > D; F > V \leq G > B \geq A$

Conclusion:

I) $F > A$

II) $X > A$

1. Only I is true.
2. Only II is true.
3. Either I or II is true.
4. Neither I nor II is true.
5. Both I and II are true.

Que. 37 | **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements: $P > X < Y = Z; Z < A > Q;$

Conclusions:

I. $X > A$

II. $Q < P$

1. Only II is True

2. Only I is true

3. Either I or II are true

4. Neither I nor II is true

5. Both I and II are true

Correct Option **- 4**

Que. 38 | **Directions:** In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements : A ≤ B ≥ C > D ; A ≥ E = F < G

Conclusions :

I. B > F

II. B = F

1. Only I is True
2. Only II is True
3. Both I and II are True
4. Either I or II is True
5. Neither I nor II is True

Correct Option **- 4**

Que. 39 | **Directions**: In the following question assuming the given statements to be true, find which conclusion among the given conclusions is/are definitely true and then give your answers accordingly.

Statements: U > V = W < R; S > R < F

Conclusions:

I. S > V

II. R < W

1. Only I follows
2. Only II follows
3. Either I or II follows
4. Neither I nor II follows
5. Both I and II follows

Correct Option **- 1**

Que. 40 | **Directions:** In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements: D ≥ X = F ≤ G; Z < X ≥ E

Conclusions:

I. D ≥ Z

II. G ≥ Z

1. Only I is True
2. Only II is True
3. Either I or II is True
4. Neither I nor II is True
5. Both I and II are True

Correct Option - **4**

Que. 41 | **Direction:** Read the following information carefully and answer the questions that follow:

Eight person J, K, L, M, N, O, P, and Q are going for a holiday in eight different months of the same year i.e. January, February, March, April, May, June, July, and August but not necessarily in the same order. Also, the year is a leap year.

M goes in the month which has even number of days. Two persons go between M and P. K goes immediately after M. One person go between M and L. O goes just after L. More than two persons go between K and P. J does not go in the month which has an odd number of days. Q goes after N.

In which of the following month P goes?

1. June
2. April
3. August
4. January
5. March

Correct Option - **4**

Que. 42 | Who among the following person goes in the month of April?

1. K
2. M
3. O
4. P
5. J

Correct Option - **2**

Que. 43 | How many persons go between N and O?

1. One
2. Two
3. Three
4. Four
5. Five

Correct Option - **3**

Que. 44 Four of the following are alike in certain way based from a group, find the one that does not belong to that group?

1. P
2. K
3. O
4. M
5. N

Correct Option - **4**

Que. 45 Which of the following person goes just before M?

1. O
2. P
3. K
4. J
5. L

Correct Option - **1**

Que. 46 **Direction:** Study the following information carefully and answer the given questions:

In a certain code language:

'large is not small' is written as 'aa ba ca da'

'she is very excited' is written as 'fa da la ra'

'building is very large' is written as 'la da ka ca'

'she is too small' is written as 'fa ba da sa'

What is the code for 'building' in that language?

1. la
2. da
3. ca
4. ka
5. Either pa or ca

Correct Option - **4**

Que. 47 Code 'ca' is for which word in that given code language?

1. very
2. small
3. large
4. building
5. is

Correct Option - **3**

Que. 48 What would be the code for 'building is not small' in that code language?

1. ka da la ca
2. fa da aa ba
3. aa ba sa fa
4. la ka da sa
5. ka da aa ba

Correct Option - **5**

Que. 49 Code 'sa ra' is for which of the following words in the following code language?

1. too - large
2. too - excited
3. very - excited
4. very - large
5. too - small

Correct Option - **2**

Que. 50 **Directions:** Study the following information and answer the given questions:

Seven people P, Q, R, S, T, U and V are living on seven different floors in a seven-floor building but not necessarily in the same order. The lowermost floor is numbered 1 and the topmost floor is numbered 7.

There are three floors between the floor of P and V in which P lives above V. S lives immediately below P. R lives immediately above Q. Neither R nor Q lives immediately above or immediately below P. Q does not live on the lowermost floor. Only one floor between the floor of S and U. T does not live on the topmost floor. Who lives on floor no. 5?

1. Q
2. R
3. P
4. S
5. T

Correct Option - **4**

Que. 51 On which floor does Q lives?

1. 4th
2. 2nd
3. 3rd
4. 5th
5. 1st

Correct Option **- 3**

Que. 52 Who lives between S and Q?

1. V
2. R
3. P
4. U
5. T

Correct Option **- 2**

Que. 53 How many floors are there between the floor U and V?

1. four
2. five
3. three
4. one
5. zero

Correct Option **- 1**

Que. 54 Which of the following condition is true?

1. U- 6th
2. V- 3rd
3. T- 1st
4. Q-4th
5. None of these

Correct Option **- 3**

Que. 55 **Direction:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Some apple are nokia.

All nokia are samsung.

Conclusions:

 I. Some apple are samsung.

 II. Some samsung are nokia.

1. Only I follows
2. Only II follows

3.   Both I and II follow
4.   Neither I nor II follows
5.   Either I or II follows

Correct Option **- 3**

Que. 56   **Direction:** In the following question below some statements are given followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusions logically follows the given statements.

Statements:

I. Few rainy are season.

II. Only season is summer.

Conclusions:

I. Some rainy are summer.

II. All season being summer is a possibility.

1.   Only conclusion I follows
2.   Only conclusion II follows
3.   Both conclusions I and II follow
4.   Either conclusion I or II follows
5.   Neither conclusion I nor II follows

Correct Option **- 5**

Que. 57   **Direction:** In the question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

All tomatoes are milk

Only a few milk is pure

Conclusions:

I. All milk are pure

II. All tomatoes are pure

1.   Neither I nor II follows
2.   Either I or II follows
3.   Only I is follows
4.   Only II is follows
5.   None of these

Correct Option **- 1**

Que. 58   **Direction:** In the question below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts.

Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Only a few classroom are smart

Some smart are music

Conclusions:

I. Some classroom are music

II. No classroom is music

1. Only II follows
2. Only I follows
3. Both I and II follow
4. Either I or II follows
5. Neither I nor II follows

Correct Option **- 4**

Que. 59 How many such pairs of letters are there in the word WEBCAST, each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?

1. None
2. One
3. Two
4. Three
5. More than three

Correct Option **- 4**

Que. 60 In a family of six persons: G is the sister of D. E is the grandmother of H, who is the nephew of G. D is the father-in-law of L. E has two children i.e. one boy and one girl. H has no siblings. If M is the wife of D, then how is L related to M?

1. Daughter
2. Sister
3. Sister-in-law
4. Daughter-in-law
5. None of these

Correct Option **- 4**

Que. 61 **Directions:** Study the following information and answer the given questions.

Eight friends A, G, K, N, P, Q, T, and Y are sitting around a square table in such a way that four of them sit at the four corners of the square while four sits in the middle of each of the four sides. All of them are facing away from the center. T sits second to the right of Y. G sits second to the left of A. Maximum number of people sit between N and P. Only two people sit between T and P, when counted from the right of T. Only two people sit between N and G. Neither K nor Q sit in the middle of the side of a square table.

How many people sit between A and N, when counted from the left of A?

1. Zero
2. One
3. Two
4. Three
5. Four

Correct Option - **5**

Que. 62 What is the position of K with respect to Y?

1. Second to the right
2. Third to the left
3. Facing exactly opposite
4. Fifth to the left
5. Cannot be determined

Correct Option - **5**

Que. 63 Four of the following five are alike in a certain way and hence form a group, which among the following does not belong to that group?

1. P
2. Y
3. Q
4. K
5. N

Correct Option - **2**

Que. 64 If K is sitting immediately to the right of A then who is sitting second to the left of G?

1. Y
2. N
3. P
4. T
5. None of these

Correct Option - **4**

Que. 65 Which of the following statement is true?

1. N is to the immediate right of T
2. Only three people sit between Q and K
3. A is an immediate neighbor of N

4. G is third to the right of Y
5. None of the given options is true

Correct Option - **2**

Que. 66 | What should come in place of the question mark '?' in the following number series?
5, 9, 16, ?, 54, 103

1. 21
2. 24
3. 27
4. 29
5. 31

Correct Option - **4**

Que. 67 | What should come in place of the question mark '?' in the following number series?
29, 33, 58, ?, 243, 439

1. 139
2. 158
3. 107
4. 117
5. 122

Correct Option - **5**

Que. 68 | What should come in place of the question mark '?' in the following number series?
12, 13, 27, ?, 329, 1646

1. 78
2. 84
3. 82
4. 88
5. 76

Correct Option - **3**

Que. 69 | What should come in place of the question mark '?' in the following number series?
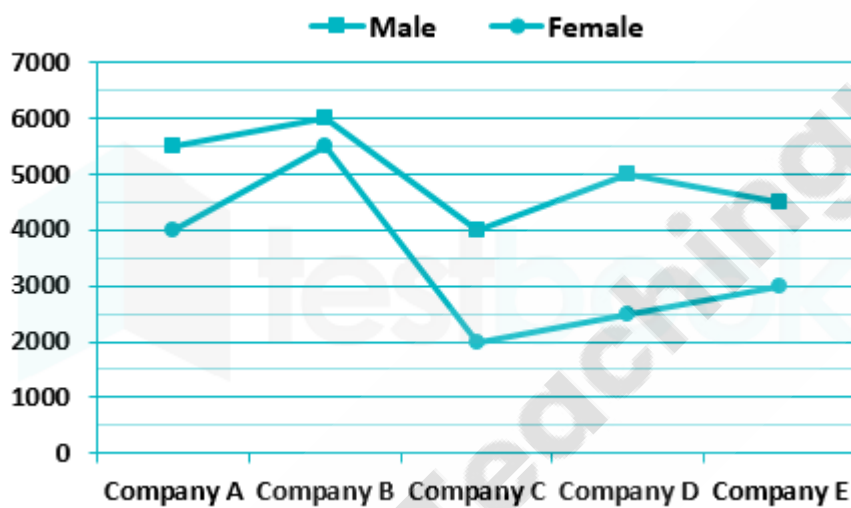15, 22, 43, ?, 127, 190

1. 72
2. 68
3. 84
4. 78

5. 92

Correct Option **- 4**

Que. 70 What should come in place of the question mark '?' in the following number series?

13, 21, 30, 94, 119, ?

1. 205
2. 245
3. 265
4. 285
5. 335

Correct Option **- 5**

Que. 71 **Directions:** Line chart given below shows number of employees recruited in five different companies in a year. Study the following graph carefully and answer the questions given below it.

Find the average number of employees recruited in the company A , B and D together?

1. 9500
2. 10500
3. 11150
4. 8550
5. 9700

Correct Option **- 1**

Que. 72 The number of male employees recruited in company D is what percent of the total number male employees recruited in all the companies together?

1. 40%
2. 15%
3. 30%

4. 25%
5. 20%

Correct Option - **5**

Que. 73 Find the ratio between total number of employees recruited in company C and E together to the total number of male employees recruited in all the companies together?

1. 27 : 4
2. 27 : 50
3. 31 : 50
4. 27 : 47
5. 29 : 50

Correct Option - **2**

Que. 74 Find the difference between total number of male and female employees recruited in all the companies together?

1. 7000
2. 9500
3. 7500
4. 8000
5. 9000

Correct Option - **4**

Que. 75 Number of Male employees recruited in Company A and D together is what percent of the number of female employees recruited in company C and E?

1. 280%
2. 350%
3. 210%
4. 250%
5. 420%

Correct Option - **3**

Que. 76 Total distance of a journey is 250 km. X covered the first 20 km at a speed of 40 km/h, the next 140 km at 70 km/h, and the remaining journey at 18 km/h. Find the average speed to complete the journey.

1. 33.33 km/h
2. 35 km/h
3. 32 km/h
4. 43 km/h
5. 42 km/h

Que. 77   A and B can complete a piece of work in 14 days, B and C can complete it, in 28 days, C and A can complete it, in 56 days, they start the work together then find number of days to complete the work.

1. 18 days
2. 16 days
3. 15 days
4. 24 days
5. None of these

Correct Option **- 2**

Que. 78   Two pipe can fill the tank in 30 hours and 40 hours respectively and waste pipe can empty the tank in 60 hours. If all the pipes kept open, then how much time it will take to filled the tank?

1. 24
2. 20
3. 22
4. 26
5. 18

Correct Option **- 1**

Que. 79   Anushka took a loan of Rs. 1500 with simple interest for as many years as the rate of interest. If she paid Rs.540 as interest at the end of the loan period, what was the rate of interest (in percentage)?

1. 4
2. 6
3. 3
4. 7
5. 1

Correct Option **- 2**

Que. 80   Rajiv's boat can travel along the current at the 8 km/hour and against the current at the rate 6 km/hour. Find the time taken by the boat to sail 28 km in still water.

1. 4 hours
2. 5 hours
3. 6 hours
4. 7 hours
5. None of these

Correct Option **- 1**

Que. 81 What approximate value should come in place of the question mark (?) in the following question?
(24.95 + 15.96 ÷ 3.94 × 1.92 − 1.92 × 1.93) = ?

1. 29
2. 39
3. 32
4. 41
5. 17

Correct Option **- 1**

Que. 82 What approximate value should come in the place of question mark (?) in the following question?
{(3653.94 + 1345.96) × 1.92} ÷ 199.92 = ?

1. 30
2. 50
3. 40
4. 70
5. 60

Correct Option **- 2**

Que. 83 What approximate value should come in the place of question mark (?) in the following question?
2043.94 ÷ 72.93 × 72.07 = ? × 13.94

1. 152
2. 138
3. 166
4. 172
5. 144

Correct Option **- 5**

Que. 84 What approximate value should come in the place of question mark (?) in the following question?
$(20.9)^2$ - 3716.9 ÷ 58.9 = ? × 2.9

1. 112
2. 108
3. 122
4. 126
5. 132

Correct Option **- 4**

Que. 85 What approximate value should come in the place of question mark (?) in the following question?

25.96% of 250.05 + 75.96% of 75.05 + √80.99 = ?

1. 138
2. 125
3. 141
4. 131
5. 129

Correct Option - **4**

Que. 86 **Direction:** Study the following information and answer the questions asked below:

I. A school has 8000 students. The ratio of girls to boys is 2 : 3 and all the students are involved in five different activities like Painting, Debate, Extempore, Quiz, and Dance.

II. 16% of the boys and 28% of the girls are in Extempore and Painting respectively. One-Fifth of the boys are in Dance activities and the ratio of boys to girls in Extempore is given to be 3 : 2.

III. Out of the total number of students 25% is in the Debate competition. The number of girls in Dance is 60% of the boys in the same game. 22% of the girls are in Quiz. The remaining girls are in Debate. 18% of the boys are in Painting and the remaining in Quiz.

The number of girls in Quiz forms what percent of the total number of students in the school?

1. 10.2%
2. 8.8%
3. 12%
4. 15%
5. None of the above

Correct Option - **2**

Que. 87 What is the total number of boys in Extempore and Debate together?

1. 2050
2. 2289
3. 3245
4. 2256
5. 2346

Correct Option - **4**

Que. 88 The number of boys in Dance forms what percent of the number of girls in the same activity? (Rounded off to two decimal places)

1. 140%
2. 120.75%
3. 166.66%
4. 145.5%
5. None of the above

Correct Option - **3**

Que. 89 | Which activity has the maximum number of boys in the school?

1. Extempore
2. Painting
3. Dance
4. Quiz
5. Debate

Correct Option - **5**

Que. 90 | What is the number of girls in Debate activity?

1. 625
2. 512
3. 729
4. 580
5. None of the above

Correct Option - **2**

Que. 91 | The average age of employees is 28 years. The average age of male employees is 15 years and that of the female employees is 32 years. Find the ratio of the male employees to female employees.

1. 4 : 13
2. 2 : 13
3. 1 : 15
4. 1 : 13
5. 3 : 4

Correct Option - **1**

Que. 92 | A train crosses a platform of length 250 m in 20 seconds and crosses a pole in 10 seconds. Find the length of train.

1. 250 m
2. 350 m
3. 450 m
4. 500 m
5. 150 m

Correct Option - **1**

Que. 93 | Ratio of present age of Ranjan and Sanjay is 3 : 2. Sanjay's age 8 years hence will be equal to Ranjan's age 8 years ago. If Irfan is 12 years older than Sanjay, What is the present age of Irfan ?

1. 60
2. 44
3. 42
4. 32

Correct Option - 2

Que. 94   P and Q entered into a partnership with their capitals in the ratio 5 : 2. At the end of 10 months, P withdraw his capital. If they receives the profit in the ratio 5 : 1, Find how long Q capital was used?

1. 3 months
2. 2 months
3. 7 months
4. 5 months
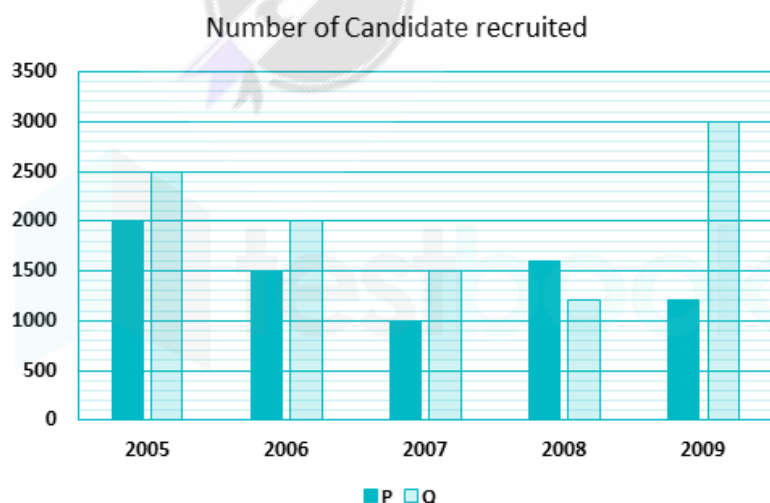5. 9 months

Correct Option - 4

Que. 95   A shopkeeper gives 10% discount to their customer and sell the suit at Rs.2700 and got a profit of 20%. Find the difference in cost price and marked price of suit

1. Rs. 650
2. Rs. 750
3. Rs. 700
4. Rs. 800
5. Rs. 625

Correct Option - 2

Que. 96   **Direction** : Study the following bar graph carefully and answer the question given below:

The bar graph consists the number of candidates recruited in the two different banks P and Q in different years.

Number of Candidate recruited

What was the average number of candidates recruited in the bank Q over all the years together?

1. 2000
2. 2010
3. 2020
4. 2040
5. 2050

Correct Option - **4**

Que. 97 Number of candidates recruited in bank P in the year 2009 was what percentage less than number of candidates recruited in bank P in the year 2006?

1. 15%
2. 25%
3. 30%
4. 20%
5. 18%

Correct Option - **4**

Que. 98 If 30% of candidates recruited in bank Q in the year 2009 are female, by what percentage the number of males more than female recruited in bank Q that year?

1. 250/3%
2. 350/3%
3. 400/3%
4. 450/3%
5. 550/3%

Correct Option - **3**

Que. 99 What was the approximate percentage increase in number of candidates recruited in bank P in the year 2008 as compared to the previous year?

1. 40%
2. 50%
3. 60%
4. 45%
5. 55%

Correct Option - **3**

Que. 100 What was the respective ratio between the total number of candidates recruited for bank Q in the year 2005 and 2006 to the total number of candidates recruited in bank P in the year 2008 and 2009?

1. 35 : 26
2. 25 : 26
3. 35 : 28
4. 27 : 28
5. 45 : 28

Correct Option **- 5**