PREVIOUS YEAR PAPER

# SSC CGL 2018 Tier I — 7 June 2019, Shift 2

SSC CGL · 7 June 2019 · 1:00 PM - 2:00 PM

81 of the paper's 100 questions · +2 for a correct answer, −0.5 for a wrong one · 60 minutes

Left out of the original paper: 19 (any question that needs a figure or formatting we cannot show, has no answer in the response sheet, or could not be checked against a second copy of the paper).

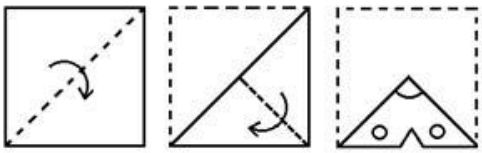
Questions from the Staff Selection Commission's paper of 7 June 2019, 1:00 PM - 2:00 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-cgl/previous-year-papers/ssc-cgl-2018-tier-1-7-jun-shift-2/

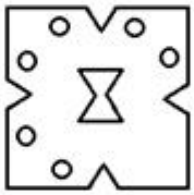
## General Intelligence and Reasoning

1.

A square paper is folded and cut as shown below. How will it appear when unfolded?

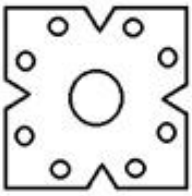


(a)

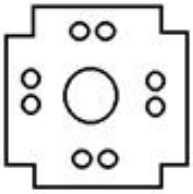


(b)

(c)



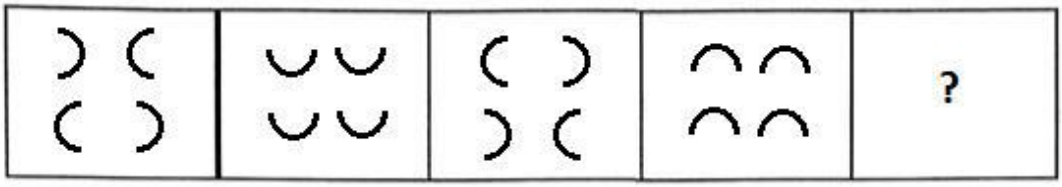
(d)



**Answer: (c)**

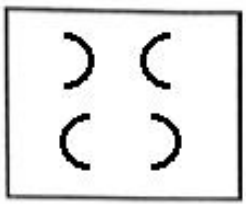
2.

Select the figure that will come next in the following figure series.



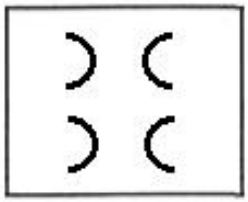

(a)

(b)



(c)

(d)



**Answer: (b)**

3.

Which number will replace the question mark (?) in the following series?

5, 12, 26, 54, ?

(a) 112

(b) 92

(c) 110

(d) 98

**Answer: (c)**

4.

Select the set in which the numbers are related in the same way as are the numbers of the following set.

(8, 15, 9)

(a) (5, 17, 11)

(b) (4, 16, 12)

(c) (7, 13, 14)

(d) (9, 12, 15)

**Answer: (b)**

8.

If CLEAN is coded as 1415123 and BLOW is coded as 2315122, then how will JOKE be coded as?

(a) 4111612

(b) 5121611

(c) 5111510

(d) 1011155

**Answer: (c)**

10.

Select the mirror image of the given figure when the mirror is placed to the right of the figure.

(a)

(b)

(c)

(d)

**Answer: (b)**

11.

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

DFIM : WURN :: GKNP : ?

(a)

SOLJ

(b)

TROK

(c)

TPNL

(d)

TPMK

**Answer: (d)**

13.

Two different positions of the same dice are shown. Which number will be at the top if 6 is at the bottom?

(a)

5

(b)

3

(c)

4

(d)

2

**Answer: (d)**

14.

Select the set in which the numbers are related in the same way as are the numbers of the following set.

(3, 16, 5)

(a)

(9, 35, 11)

(b)

(7, 32, 9)

(c)

(11, 45, 14)

(d)

(5, 26, 9)

**Answer: (b)**

16.

In a code language, REGULAR is written as GERTRAL. How will BROTHER be written as in that language?

(a)

ORBSREH

(b)

ROBSERH

(c)

ORBUREH

(d)

ORBEHTS

**Answer: (a)**

17.

Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

(a) Condemn

(b) Disparage

(c) Denigrate

(d) Awkward

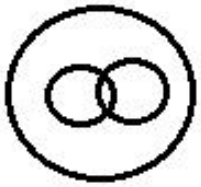
**Answer: (d)**

18.

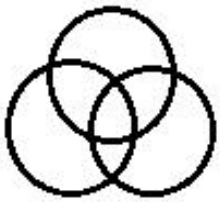
Select the Venn diagram that best illustrates the relationship between the following classes.

Graduates, Teachers, Literates

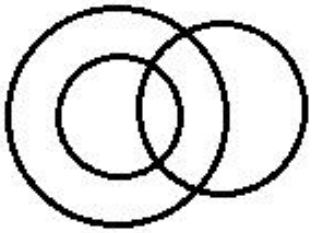
(a)



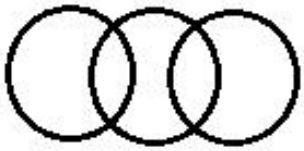
(b)



(c)



(d)

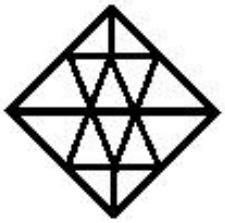


**Answer: (a)**

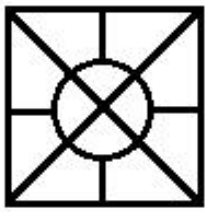
19.

Select the figure in which the given figure is embedded.

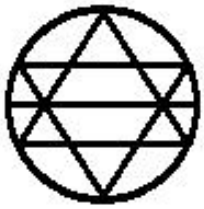
(a)



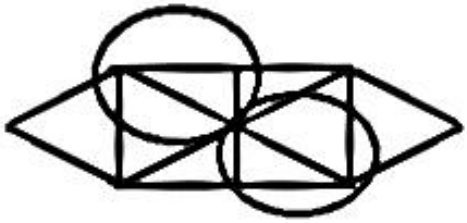
(b)



(c)



(d)



**Answer: (d)**

20.

Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

(a)
39

(b)
57

(c)
43

(d)
63

**Answer: (c)**

22.

जिस प्रकार 'टूट' का संबंध 'एकता' से है, उसी तरह 'सुधार ' का संबंध _____ से है।

(a)
खुरदुरा

(b)
क्षति

(c)
असुविधा

(d)
सिलाई

**Answer: (b)**

25.

Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

db_cbd_ba_bd_bac_d

(a)
adbcd

(b)
adcdb

(c)
bdcbd

(d)
dacdb

**Answer: (b)**

## General Awareness

1. Pierre Curie shared the 1903 Nobel Prize in Physics with his wife, Marie Curie, and Henri Becquerel for their discoveries related to _____.

(a) mirror images

(b) thermodynamics

(c) radioactivity

(d) X-rays

**Answer: (c)**

2. There were three bronze medallists from India at the 38th GeeBee Boxing Tournament which was held at Helsinki, Finland. Who amongst the following is NOT one of them?

(a) Naveen Kumar

(b) Sachin Siwach

(c) Dinesh Dagar

(d) Sumit Sangwan

**Answer: (c)**

3. Which Indian monument was built by Maharaja Sawai Pratap Singh in the year 1799?

(a) Mattancherry Palace

(b) Mysore Palace

(c) Leh Palace

(d) Hawa Mahal

**Answer: (d)**

4. Who had built Taj Mahal, for his wife Mumtaz Mahal along the banks of the Yamuna River in Agra?

(a) Akbar

(b) Jahangir

(c) Aurangzeb

(d) Shah Jahan

**Answer: (d)**

5. In its Global Economic Outlook report, Fitch Ratings cut India's economic growth forecast for the next financial year 2019-20 starting from April 1 to ___% from its previous estimate of 7%.

(a) 6.1

(b) 5.4

(c) 6.8

(d) 6.2

**Answer: (c)**

6. Who won the Nobel Prize in 1906 for his neuron doctrine?

(a) Luis Alvarez

(b) Henry Moseley

(c) Santiago Ramón y Cajal

(d) Pierre Curie

**Answer: (c)**

7. Which of the following was the most important characteristic of India's trade throughout the colonial period?

(a) Import deficiency

(b) Import surplus

(c) Export surplus

(d) Export deficiency

**Answer: (c)**

8. Indian naval officer Commander _____ became the only Asian to participate in the prestigious Golden Globe Race (GGR), which commenced from Les Sables d'Olonne harbour in France on 1 July 2018.

(a) Mahendra Nath Mulla

(b) Pradeep Singh

(c) Abhilash Tomy

(d) Rajesh Dhankhar

**Answer: (c)**

9. The Red Fort and the Jama Masjid in Delhi stand out as towering achievements of architecture during the reign of_____.

(a) Shah Jahan

(b) Akbar

(c) Aurangzeb

(d) Jehangir

**Answer: (a)**

10. The Victoria Memorial, conceived by Lord Curzon, represents the architectural climax of _____ city.

(a) Jaipur

(b) Kolkata

(c) Delhi

(d) Mumbai

**Answer: (b)**

11. Which river passes through maximum number of countries?
    (a) Volga
    (b) Rhine
    (c) Amazon
    (d) Danube
    **Answer: (d)**

12. Electron was discovered in the year 1897 by _____.
    (a) Isaac Newton
    (b) J J Thomson
    (c) T. A. Edison
    (d) Nicola Tesla
    **Answer: (b)**

13. _____ won a silver medal at the 38th GeeBee Boxing Tournament which was held at Helsinki, Finland.
    (a) Mohammed Hussamuddin
    (b) Sumit Sangwan
    (c) Naveen Kumar
    (d) Sachin Siwach
    **Answer: (a)**

14. A _____ occurs when a government's total expenditures exceed the revenue that it generates, excluding money from borrowings.
    (a) Current Account Deficit
    (b) Revenue Deficit
    (c) Budgetary Deficit
    (d) Fiscal Deficit
    **Answer: (d)**

15. Name the longest river in Asia.
    (a) Amazon
    (b) Yenisei
    (c) Nile
    (d) Yangtze
    **Answer: (d)**

16. William Crookes was a physical chemist who discovered and named the element _____.
    (a) germanium
    (b) beryllium
    (c) plutonium
    (d) thallium
    **Answer: (d)**

17. On March 23rd, India observes _____ day/divas as a tribute to Bhagat Singh, Sukhdev and Rajguru on their death anniversary.

(a) Shaheed Divas

(b) Protest Day

(c) Vidroh Divas

(d) Tribute Day

**Answer: (a)**

18. Humayun's heir,_____, was born in exile and was only 13 years old when his father died.

(a) Babur

(b) Shah Jahan

(c) Akbar

(d) Jahangir

**Answer: (c)**

19. World _____Day 2019 was observed on 23 March with the theme 'The Sun, the Earth and the weather'.

(a) Astrological

(b) Geological

(c) Geographical

(d) Meteorological

**Answer: (d)**

20. Justice_____ , who retired from the Supreme Co[illegible] of India on 6 July 2018, has been appointed as the new chairperson of the National Gre[illegible] Trib[illegible]l.

(a) Justice Jawad Rahim

(b) Adarsh Kumar Goel

(c) Raghuvendra Singh

(d) Sonam Phintso Wangdi

**Answer: (b)**

21. Who was the prime minister of India during ''the Emergency'' between the year 1975 to 1977?

(a) Indira Gandhi

(b) Charan Singh

(c) Moraj Desai

(d) Rajiv Gandhi

**Answer: (a)**

23. Which of the following is the longest rivers in India?

(a) Brahmaputra

(b) Godavari

(c) Ganga

(d) Kaveri

**Answer: (a)**

24. Akbar was succeeded by his son, Salim, who took the title of_____, meaning 'Conqueror of the World'.

(a) Jahangir

(b) Badshah

(c) Jahapana

(d) Shah Jahan

**Answer: (a)**

25. _____ received the very first Nobel Prize in Physics in 1901 for his discovery of X-rays.

(a) William Thomson

(b) Wilhelm Röntgen

(c) Louis Pasteur

(d) William Crookes

**Answer: (b)**

## Quantitative Aptitude

1.

A sum of ₹ $x$ was borrowed and paid back in two equal yearly instalments, each of ₹35,280. If the rate of interest was 5%, compounded annually, then the value of $x$ is:

(a)

64,400

(b)

65,600

(c)

64,800

(d)

65,400

**Answer: (b)**

3.

ABCD is a quadrilateral whose side AB is the diameter of a circle through A, B, C and D. If ∠ADC = 130°, then the measure of ∠BAC is:

(a)

40°

(b)

45°

(c)

35°

(d)

50°

**Answer: (a)**

4.

In $\Delta ABC$, AD bisects $\angle A$ which meets BC at D. If BC = a, AC = b and AB = c, then DC = _____.

(a)

$\frac{ab}{b+c}$

(b)

$\frac{ac}{a+c}$

(c)

$\frac{bc}{a+c}$

(d)

$\frac{ac}{a+b}$

**Answer: (a)**

5.

If $9a^2 + 4b^2 + c^2 + 21 = 4(3a + b - 2c)$, then the value of $(9a + 4b - c)$ is:

(a)

2

(b)

16

(c)

6

(d)

12

**Answer: (d)**

8.

A is 20% less than B while C is 20% more than D. If D is 25% less than A, then which of the following is true?

(a)

B = 0.675 C

(b)

C = 0.72 B

(c)

B = 0.72 C

(d)

C = 0.675 B

**Answer: (b)**

9.

A person can row a distance of 4 km upstream in one hour 20 minutes and can row back to the starting point in just 24 minutes. How much time (in hours) will he take to row 13 km in still water?

(a)

$2$

(b)

$3\frac{1}{2}$

(c)

$3$

(d)

$2\frac{1}{2}$

**Answer: (a)**

11.

The table shows the production of different types of cars (in thousands).

| Year / Car | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|
| A | 46 | 69 | 61 | 57 | 63 |
| B | 40 | 56 | 52 | 68 | 64 |
| C | 54 | 55 | 45 | 60 | 56 |
| D | 42 | 53 | 44 | 56 | 65 |
| E | 68 | 67 | 61 | 64 | 72 |

If the data related to the production of type C cars is represen[illegible] chart, then the central angle of the sector representing production of cars in 2012 will be:

(a)

$72°$

(b)

$73\frac{1}{3}°$

(c)

$60°$

(d)

$80°$

**Answer: (c)**

12.

If $(135\sqrt{5}x^3 - 2\sqrt{2}y^3) \div (3\sqrt{5}x - \sqrt{2}y) = Ax^2 + By^2 + \sqrt{10}\,Cxy$, then the value of $(A + B - 9C)$ is:

(a)

18

(b)

12

(c)

20

(d)

10

**Answer: (c)**

13.

In a circle of radius 10 cm and centre O, PQ and PR are two equal chords, each of length 12 cm. What is the length (in cm) of chord QR?

(a)

18.6

(b)

20.4

(c)

18.4

(d)

19.2

**Answer: (d)**

14.

If the 10-digit number 897359$y$7$x$2 is divisible by 72, then what is the value of ($3x$-$y$), for the possible greatest value of $y$?

(a)

3

(b)

8

(c)

7

(d)

5

**Answer: (c)**

15.

The area of a field in the shape of a triangle with each side $x$ metres is equal to the area of another triangular field having sides 50 m, 70 m and 80 m. The value of $x$ is closest to:

(a)

65.5

(b)

63.2

(c)

62.4

(d)

61.8

**Answer: (b)**

18.

The table shows the production of different types of cars (in thousands).

| Year / Car | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|
| A | 46 | 69 | 61 | 57 | 63 |
| B | 40 | 56 | 52 | 68 | 64 |
| C | 54 | 55 | 45 | 60 | 56 |
| D | 42 | 53 | 44 | 56 | 65 |
| E | 68 | 67 | 61 | 64 | 72 |

The average production of all type of cars in 2014 is approximately what perc ess than the total production of type B cars in 2013 and type D cars in 2010 taken together?

(a)

41.8%

(b)

44.9%

(c)

43.2%

(d)

44.4%

**Answer: (a)**

22.

The table shows the production of different types of cars (in thousands).

| Car \ Year | 2010 | 2011 | 2012 | 2013 | 2014 |
|---|---|---|---|---|---|
| A | 46 | 69 | 61 | 57 | 63 |
| B | 40 | 56 | 52 | 68 | 64 |
| C | 54 | 55 | 45 | 60 | 56 |
| D | 42 | 53 | 44 | 56 | 65 |
| E | 68 | 67 | 61 | 64 | 72 |

The total production of type A cars in 2011, and type C cars and type E cars in 2012 taken together is what percent of the total production of type B cars during 2010 to 2014?

(a)

60.4%

(b)

54.7%

(c)

62.5%

(d)

58.8%

**Answer: (c)**

23.

The total number of students in section A and B of a class is 110. The numb students in section A is 10 more than that of section B. The average score of the students in B, in a test, is 20% n han that of students in A. If the average score of all the students in the class is 72, then what is the average score o students in A?

(a)

66

(b)

68

(c)

63

(d)

70

**Answer: (a)**

24.

A shopkeeper sells an item for ₹492 after allowing 18% discount on its marked price. Had he NOT allowed any discount, he would have earned a profit of 20% on the cost price. What is the cost price of the item?

(a)
₹500

(b)
₹640

(c)
₹540

(d)
₹600

**Answer: (a)**

25.

The prices of two articles are in the ratio 4 : 5. If the price of the first article is increased by $x$% and that of the other is decreased by 30%, then the new prices of A and B will be in the ratio 10 : 7. The value of $x$ is:

(a)
24.5

(b)
22.5

(c)
25

(d)
20

**Answer: (c)**

## English Comprehension

1. Select the wrongly spelt word.

(a) brittle

(b) brisk

(c) bristel

(d) bridle

**Answer: (c)**

2. Select the word which means the same as the group of words given. a large, deep pot used both in the oven and as a serving vessel.

(a) cauldron

(b) sauce-pan

(c) casserole

(d) skillet

**Answer: (c)**

3. Select the most appropriate word to fill in the blank. The company management is of the opinion that not wearing a suit and tie at the workplace could create a bad _____ on clients.

(a) outlook
(b) notion
(c) response
(d) impression

**Answer: (d)**

4. Select the wrongly spelt word.

(a) noticable
(b) negligible
(c) nuisance
(d) neighbouring

**Answer: (a)**

5. Select the word which means the same as the group of words given. Flowers or leaves woven together in a circle for placing on a coffin or a grave

(a) garland
(b) bunch
(c) wreath
(d) bouquet

**Answer: (c)**

6. In the sentence identify the segment which contains the grammatical error. The Doon Valley with all its lights look beautiful at night from the top of the mountain.

(a) at night
(b) look beautiful
(c) from the top
(d) with all its lights

**Answer: (b)**

7. Select the most appropriate word to fill in the blank. India is the second largest _____ of cotton in the world.

(a) grower
(b) manufacturer
(c) producer
(d) creator

**Answer: (c)**

8. Select the most appropriate meaning of the given idiom. Lend an ear

(a) to force someone to listen
(b) to pay attention to
(c) to not tell someone something
(d) to not make trouble

**Answer: (b)**

9. Select the correct active form of the given sentence. The chairs were being arranged in the examination hall by the staff.

(a) The staff has been arranging the chairs in the examination hall.

(b) The chairs were arranging the staff in the examination hall.

(c) The staff has arranged the chairs in the examination hall.

(d) The staff was arranging the chairs in the examination hall.

**Answer: (d)**

10. Select the correct passive form of the given sentence. Please take the guest to his room on the 6th floor.

(a) Let the guest be taking to his room on the 6th floor.

(b) You must take the guest to his room on the 6th floor.

(c) You are requested to take the guest to his room on the 6th floor.

(d) The guest should be took to his room on the 6th floor.

**Answer: (c)**

11. Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

His school was 7 km away from his house. I wondered how he covered <u>so long distance</u> daily on foot.

(a) so long the distance

(b) such long distance

(c) No improvement

(d) such a long distance

**Answer: (d)**

12. Select the synonym of the given word. EXEMPT

(a) reduce

(b) hinder

(c) prevent

(d) exclude

**Answer: (d)**

13. Given below are four jumbled sentences. Select the option that gives their correct order.
A. Since then Boeing has received over 5,000 orders for the aircraft and has delivered 371 to date.
B. The Max first started flying commercially in 2017.
C. Boeing had huge hopes for its 737 Max aircraft and viewed it as a key part of its future.
D. However, the company's market value has plummeted by nearly $26 billion since the crash in Ethiopia.

(a) CBAD

(b) DCBA

(c) BCDA

(d) ABCD

**Answer: (a)**

14. Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

We can't live without water, <u>will we?</u>

(a) can we

(b) No improvement

(c) do we

(d) won't we

**Answer: (a)**

15. Given below are four jumbled sentences. Select the option that gives their correct order.
A. It has been a leading producer of both industrial and agricultural goods.
B. The United States of America holds a dominant position in the world because of its high economic development.
C. Because of its enormous output, the United States has a major share in world trade.
D. It is also a leader in the development and application of innovative technology.

(a) ABCD

(b) DABC

(c) BACD

(d) BCAD

**Answer: (c)**

16. Select the most appropriate meaning of the given idiom. On tentherhooks

(a) happy

(b) angry

(c) anxious

(d) unhappy

**Answer: (c)**

17. Select the antonym of the given word. SWERVE

(a) droop

(b) lurch

(c) straighten

(d) deviate

**Answer: (c)**

18. Select the antonym of the given word. SOBER

(a) agitated

(b) serious

(c) nervous

(d) calm

**Answer: (a)**

19. In the sentence identify the segment which contains the grammatical error. The Japanese artist Yoh Nagao was busy splashing the wall from colours.
    (a) was busy
    (b) splashing the wall
    (c) The Japanese artist
    (d) from colours

    **Answer: (d)**

20. Select the synonym of the given word. RAMPANT
    (a) limited
    (b) excessive
    (c) rare
    (d) gentle

    **Answer: (b)**

**Passage — for questions 21–25**

> In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
>
> During the reign of Aurangzeb, the last of the Mughals, there (1)_____ revolts against the empire. (2)_____ were the revolts of the Marathas, the Sikhs, the Jats and (3)_____ others. After the death of Aurangzeb, the Mughal empire began to (4)_____ fairly fast. The country soon (5)_____ into smaller territories many of which became more or less independent.

21. Select the most appropriate option for blank No. 1
    (a) have been
    (b) was
    (c) were
    (d) are

    **Answer: (c)**

22. Select the most appropriate option for blank No. 2.
    (a) This
    (b) These
    (c) It
    (d) That

    **Answer: (b)**

23. Select the most appropriate option for blank No. 3.
    (a) every
    (b) many
    (c) more
    (d) each

    **Answer: (b)**

24. Select the most appropriate option for blank No. 4.
    (a) disintegrate
    (b) disperse
    (c) disrupt
    (d) disturb

    **Answer: (a)**

25. Select the most appropriate option for blank No. 5.
    (a) broke up
    (b) broke out
    (c) broke off
    (d) broke in

    **Answer: (a)**

# Answer key

Answer key as marked in the Staff Selection Commission's response sheet. "—" means the sheet did not show it clearly.

## General Intelligence and Reasoning

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **(c)** | 2 | **(b)** | 3 | **(c)** | 4 | **(b)** | 8 | **(c)** | 10 | **(b)** | 11 | **(d)** | 13 | **(d)** |
| 14 | **(b)** | 16 | **(a)** | 17 | **(d)** | 18 | **(a)** | 19 | **(d)** | 20 | **(c)** | 22 | **(b)** | 25 | **(b)** |

## General Awareness

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **(c)** | 2 | **(c)** | 3 | **(d)** | 4 | **(d)** | 5 | **(c)** | 6 | **(c)** | 7 | **(c)** | 8 | **(c)** |
| 9 | **(a)** | 10 | **(b)** | 11 | **(d)** | 12 | **(b)** | 13 | **(a)** | 14 | **(d)** | 15 | **(d)** | 16 | **(d)** |
| 17 | **(a)** | 18 | **(c)** | 19 | **(d)** | 20 | **(b)** | 21 | **(a)** | 23 | **(a)** | 24 | **(a)** | 25 | **(b)** |

## Quantitative Aptitude

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **(b)** | 3 | **(a)** | 4 | **(a)** | 5 | **(d)** | 8 | **(b)** | 9 | **(a)** | 11 | **(c)** | 12 | **(c)** |
| 13 | **(d)** | 14 | **(c)** | 15 | **(b)** | 18 | **(a)** | 22 | **(c)** | 23 | **(a)** | 24 | **(a)** | 25 | **(c)** |

## English Comprehension

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **(c)** | 2 | **(c)** | 3 | **(d)** | 4 | **(a)** | 5 | **(c)** | 6 | **(b)** | 7 | **(c)** | 8 | **(b)** |
| 9 | **(d)** | 10 | **(c)** | 11 | **(d)** | 12 | **(d)** | 13 | **(a)** | 14 | **(a)** | 15 | **(c)** | 16 | **(c)** |
| 17 | **(c)** | 18 | **(a)** | 19 | **(d)** | 20 | **(b)** | 21 | **(c)** | 22 | **(b)** | 23 | **(b)** | 24 | **(a)** |
| 25 | **(a)** | | | | | | | | | | | | | | |