

SECTION : GENERAL INTELLIGENCE

1. In a code language, 'POSSIBLE' is written as 'QRUUDKGN'. How will 'FAREWELL' be written as in that language?





- A. BHGUGYNN B. CIGTGZNN
- C. CHGTGYNN D. CHGTGYMM

Ans. C

2. Select the option figure which contains figure X embedded in it as its part. (Rotation is not allowed)



Figure-X

- A. 
- B. 
- C. 
- D. 

Ans. C

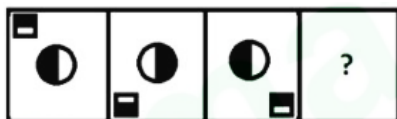
3. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.





Fossils : Paleontology

- A. Flowers : Zoology
- B. Rocks : Astronomy
- C. Fungi : Phycology
- D. Plants : Botany

Ans. D

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



- A. 
- B. 
- C. 
- D. 

Ans. D

5. A + B means 'A is sister of B'
 A - B means 'A is son of B'
 A × B means 'A is husband of B'
 A ÷ B means 'A is mother of B'
 If P + Q ÷ C - D - L × J, then how is J related to Q?
- A. Mother B. Daughter
 - C. Mother-in-law D. Father-in-law

Ans. C

6. If 'REGIONAL' is coded as '185791514112', then how will 'PICTURES' be coded in the same language?
- A. 1693202118519
 - B. 1693192117523
 - C. 1793202118520
 - D. 1693202219520

Ans. A

7. 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. 317 B. 319
 - C. 349 D. 347

Ans. B

8. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
- 53 : 477
- A. 55 : 525 B. 43 : 367
 - C. 45 : 460 D. 39 : 351

Ans. D

9. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out
- A. DJMG B. JPSM
 - C. UADX D. RXBU

Ans. D

10. 'Hard work' is related to 'Success' in the same way as 'Crime' is related to '_____'.
 A. Punishment B. Society
 C. Police D. Reward

Ans. A

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

T C _ M B C _ N T _ Q M _ C D _ T _ Q M B _ D N

- A. TDCBNCD B. QDDBCCN
C. QDCBNCC D. QBCDNNC

Ans. C

12. Three different positions of the same dice, which has one to six dots on its six faces, are shown below. When one dot is at the bottom the number of dots on the top will be.

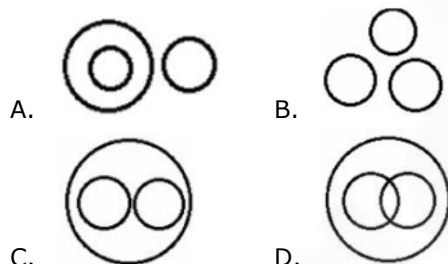


- A. 4 B. 2
C. 3 D. 5

Ans. C

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

Cucumber, Spices, Food



Ans. C

14. Which two signs should be interchanged in the following equation to make it correct?

$$207 \times 9 + 13 \div 26 - 301 = 60$$

- A. + and \times B. + and -
C. \times and \div D. + and \div

Ans. C

15. Select the correct alternative to indicate the arrangement of the following phrases in a logical and meaningful order.

1. Vacant post in organization
2. Receiving Applications
3. Conducting written test and interviews
4. Inviting applications for post
5. Job offer to selected candidates
6. Joining and on-the-job training

- A. 1, 4, 2, 3, 5, 6
B. 1, 4, 3, 2, 5, 6

- C. 4, 1, 5, 2, 6, 3
D.

Ans. A

16.

17.

18.

19.

20. Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements :

Some ants are bats

Some ants are crabs

Conclusions :

I. Some bats are crabs

II. No crab is ant

III. No bat is crab

A. Only conclusion I and III follow

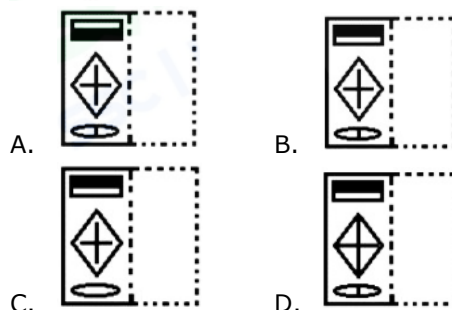
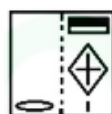
B. Only conclusion I and II follow

C. Either conclusion I and III follow

D. Wither conclusion I or II follow

Ans. C

21. A figure of transparent sheet with a pattern is given below. Figure out from amongst the four options as to how the pattern would appear when the transparent sheet is folded at the dotted line.



Ans. B

22. 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.

RDPC : NHLG : : SKDG : ?

- A. NOYK B. OOKY
C. OOKZ D. OPZK

Ans. C

23. Three persons A, B and C have different amount of rupees with them. If A gives 11 to C, A will have equal amount as B has. A and B together have total 245. How many rupees does B have?

- A. 116 B. 118
C. 117 D. 119

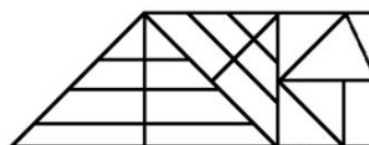
Ans. C

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

- A. Farmer B. Worker
C. Carpenter D. Tailor

Ans. B

25. How many triangles are there in the figure given below?



- A. 27 B. 25
C. 28 D. 26

Ans. D

Section : General Awareness

1. All the four rivers mentioned below are rivers of Kerala. Which of these is the southern most river of the state?

- A. Neyyer River B. Periyar River
C. Kuppam River D. Chaliyar River

Ans. A

2. The First Health Minister of Independent India was _____.

- A. Maulana Abdul Kalam Azad
B. Sardar Vallabhbhai Patel
C. Vijayalakshi Pandit
D. Rajkumari Amrit Kaur

Ans. D

3. Who among the following was killed by Chhatrapati Shivaji in the Battle of Pratapgarh?

- A. Afzal Khan B. Asghar Khan
C. Shaista Khan D. Shuja Khan

Ans. A

4. According to Indian Bureau of Mines, which of the following states has the largest reserve of silver in India in 2018?

- A. Maharashtra B. Rajasthan
C. Gujarat D. Bihar

Ans. B

5. Who defeated India's Sourav Kothari in final to win the 2019 Pacific International Billiards Championship?

- A. Joe Davis B. Peter Gilchrist
C. Michael Phelan D. William Cook

Ans. B

6. As of June 2019, who among the following is the chairman of the 15th Finance Commission of India?

- A. Shaktikanta Das
B. Arvind Panagariya
C. N K Singh
D. Y V Reddy

Ans. C

7. Which of the following books was NOT written by the great Indian poet and dramatist Mahakavi Kalidas?

- A. Shakuntala
B. Ritusamhara
C. Malatimadhava
D. Malavikagnimitram

Ans. C

8. Who among the following was the first Indian Cricketer to hit a century in the very first session of a Test match?

- A. Shikhar Dhawan
B. Rishabh Pant
C. Prithvi Shaw
D. Virat Kohli

Ans. A

9. In May 2019, which one of the following organizations was banned by the government of India?

- A. Jamaat-ul-Mujahideen Bangladesh
B. Harkat-UI-Mujahideen

- C. Al Badr
D. Deendar Anjuman
- Ans. A
10. Who among the following pioneered binary logic and arithmetic in computers programming?
A. Noam Chomsky
B. Leslie Lamport
C. John Backus
D. Claude Shannon
- Ans. D
11. Which of the following is NOT a water borne disease?
A. Typhoid B. Mumps
C. Hepatitis D. Cholera
- Ans. B
12. In May 2019, who among the following became the only mountaineer in the world to hold the record for most summits on Mount Everest?
A. Phurba Tashi
B. Andrew Irvine
C. Phu Dorjee
D. Kami Rita Sherpa
- Ans. D
13. Which mountains are on India's eastern border with Myanmar?
A. Satpura B. Vindhya
C. Karakoram D. Purvanchal
- Ans. D
14. Where was the second Shanghai Cooperation Organization Mass Media Forum held from 23-26 May 2019?
A. Beijing B. Kyrgyzstan
C. India D. Uzbekistan
- Ans. B
15. Who is the author of the autobiography 'Playing it my Way'?
A. Sachin Tendulkar
B. Mahesh Bhupati
C. Kapil Dev
D. Leander Paes
- Ans. A
16. Desktop computers, laptop computers, tablets and smartphones are different types of _____.
A. Supercomputers
B. Mainframe computers
C. Microcomputers
D. Minicomputers
- Ans. C
17. The Cheriyal Scrolls is a dying art form of India practiced by one family called the Nakashi family for many generations. Name the modern day state which owns this art form.
A. Tamil Nadu B. Karnataka
C. West Bengal D. Telangana
- Ans. D
18. Which one of the following is defined as "the proportion of highly liquid assets held by financial institutions, to ensure their ongoing ability to meet short-term obligations"?
A. Liquidity Coverage Ratio
B. Base Rate
C. Statutory Liquidity Ratio
D. Cash Reserve Ratio
- Ans. A
19. What is India's rank among the 180 countries on the 'Environmental Performance Index 2018', according to the biennial report by Yale and Columbia Universities along with the World Economic Forum?
A. 157 B. 177
C. 147 D. 167
- Ans. B
20. What is the SI unit of pressure?
A. Ohm B. Pascal
C. Volt D. Ampere
- Ans. B
21. Which former judge of the Supreme Court of India was appointed as the Chairperson of the News Broadcasting Standards Authority in May 2019?
A. R V Raveendran B. Ranjan Gogoi
C. A K Sikri D. Arun Mishra
- Ans. C
22. Who among the following was elected and sworn in as the 6th President of Ukraine in April-May 2019?
A. Stepan Kubiv
B. Oleksandr Turchynov
C. Volodymyr Zelensky

- D. Petro Poroshenko
 Ans. C
 23. Which of the following are flowerless plants that produce cones and seeds in which seeds are not encased within an ovary?
 A. Gymnosperms B. Angiosperms
 C. Bryophytes D. Hydrophytes
 Ans. A
 24. As per the Constitution of India, the President may resign his office by writing under his hand addressed to :
 A. Chief Election Commissioner
 B. The Chairman of Rajya Sabha

- C. The Chief Justice of India
 D. The Vice President
 Ans. D
 25. To which state does the noted Padma Shri awardee and Sufi saint Ibrahim Sutar belong?
 A. Karnataka B. Telangana
 C. Kerala D. Andhra Pradesh
 Ans. A

Section : Quantitative Aptitude

1. The average of a numbers is 36. If each of 75% of the numbers is increased by 6 and each of the remaining numbers is decreased by 9, then the new average of the numbers is :
 A. 37.125 B. 33.75
 C. 38.25 D. 36.25
 Ans. C
 2. If $x^2 - 6x + 1 = 0$, then the value of $\left(x^4 + \frac{1}{x^2}\right) \div (x^2 + 1)$ is :
 A. 39 B. 33
 C. 35 D. 36
 Ans. B
 3. For θ being an acute angle, if $\operatorname{cosec}\theta = 1.25$, then the value of $\frac{4 \tan \theta - 5 \cos \theta}{\sec \theta + 4 \cot \theta}$ is equal to :
 A. $\frac{3}{7}$ B. $\frac{4}{7}$
 C. $\frac{1}{4}$ D. $\frac{1}{2}$
 Ans. D
 4. Three articles are bought at ₹ 200 each. One of them is sold at a loss of 10%. If the other two articles are sold so as to gain 20% on the whole transaction, then what is the gain percent on the two articles?
 A. 28 B. 32
 C. 35 D. 30
 Ans. C

5. ABCD is a cyclic quadrilateral such that its sides AD and BC produced meet at P and sides AB and DC produced meet at Q. If $\angle A = 62^\circ$ and $\angle ABC = 74^\circ$, then the difference between $\angle P$ and $\angle Q$ is :
 A. 44° B. 23°
 C. 32° D. 38°
 Ans. C
 6. A can do 40% of a work in 6 days and B can do 30% of the same work in 3 days. They started the work together but B left after 2 days and A continued to work. In how many days was the entire work completed?
 A. 10 B. 12
 C. 9 D. 15
 Ans. B
 7. The given Bar graph presents the Revenue and Expenditure (in crores of Rupees) of a company during the five year period, 2014-2018.



- What is the ratio of the total revenue of the company in 2015 and 2018 to that of its expenditure in 2014 and 2018?
 A. 5 : 4 B. 7 : 5

- C. 9 : 7 D. 13 : 10
- Ans. C
8. If $x + y + z = 3$ and $xy + yz + zx = -18$, then what is the value of $x^3 + y^3 + z^3 - 3xyz = ?$
- A. 187 B. 217
C. 191 D. 189

- Ans. D
9. If a 10-digit number $75y97405x2$ is divisible by 72, then the value of $(2x - y)$, for the greatest value of x , is :
- A. 24 B. 21
C. 12 D. 18

- Ans. C
10. For $0^\circ < \theta < 90^\circ$, if $2\cos^2\theta = 3\sin\theta$, then the value of $(\operatorname{cosec}^2\theta - \cot^2\theta + \cos^2\theta)$ is equal to :
- A. $1\frac{1}{2}$ B. $2\frac{3}{4}$
C. $1\frac{3}{4}$ D. $2\frac{1}{4}$

- Ans. C
11. Sudha decided to donate 12% of her monthly income to an orphanage. On the day of donation, she changed her decision and donated a sum of ₹ 4800 which was equal to 80% of what she had decided earlier. What is 27% of her monthly income?
- A. ₹ 13959 B. ₹ 11934
C. ₹ 14040 D. ₹ 13500

- Ans. D
12. In ΔABC , D is a point on BC such that $\angle BAD = \frac{1}{2}\angle ADC$, $\angle BAC = 87^\circ$ and $\angle C = 42^\circ$. What is the measure of $\angle ADB$?
- A. 94° B. 68°
C. 102° D. 78°

- Ans. D
13. For $0^\circ < \theta < 90^\circ$, if $\frac{\sec\theta(1 - \sin\theta)(\sec\theta + \tan\theta)}{(\sec\theta - \tan\theta)^2} = \frac{1+k}{1-k}$ then k is equal to :
- A. $\operatorname{Cosec}\theta$ B. $\cos\theta$
C. $\sec\theta$ D. $\sin\theta$

Ans. D

14. Incomes of A and B are in the ratio 5 : 3 and their expenditures are in the ratio 9 : 5. If income of A is twice the expenditure of B, then what is the ratio of savings of A and B?
- A. 2 : 3 B. 1 : 1
C. 3 : 2 D. 3 : 4

- Ans. B
15. The given Bar Graph presents the Revenue and Expenditure (in crores of Rupees) of a company during the five year period, 2014-2018.



The expenditure of the company in 2017 is what percentage less than the average revenue (per year) in 2014, 2015 and 2016?

- A. $11\frac{2}{9}$ B. $11\frac{1}{9}$
C. $8\frac{1}{3}$ D. $12\frac{1}{3}$

- Ans. C
16. The parallel sides of a trapezium are 20 cm and 10 cm and its non-parallel sides are equal to each other. If its area is 180 cm^2 , then what is the length (in cm) of each non-parallel side?
- A. 11 B. 13
C. 12 D. 15

- Ans. B
17. In a circle with centre O, AB is a diameter. Points C, D and E are on the circle on one side of AB such that ABEDC is a pentagon. The sum of angles ACD and DEB is :
- A. 240° B. 225°
C. 270° D. 180°

- Ans. C
18. ΔABC is a triangle, where $\angle B$ is obtuse. AD is perpendicular on CB produced at D. If $AB = 8\text{ cm}$, $BC = 7\text{ cm}$ and $BD = 4\text{ cm}$, then AC is equal to :

- A. 14 cm B. 13 cm
C. 15 cm D. 12 cm

Ans. B

19. A shopkeeper marks his goods at 25% above the cost price. He sells three fourth of the goods at the marked price and the remaining at 40% discount on the marked price. His gain/loss percent is :

- A. Loss, 8.75% B. Loss, 12.5%
C. Gain 10.5% D. Gain 12.5%

Ans. D

20. A sum invested at 8% p.a. amounts at ₹ 20250 at the end of one year, when the interest is compounded half yearly. What will be the simple interest on the same sum for $4\frac{3}{5}$ years at double the earlier rate of interest?

- A. ₹ 13500 B. ₹ 13800
C. ₹ 14200 D. ₹ 14500

Ans. B

21. The simplified value of $3 \times 6 \div 4$ of $6 - 6 \div 2 \times (4 - 6) + 4 - 2 \times 3 \div 6$ of $\frac{1}{3}$ is :

- A. $1\frac{3}{4}$ B. $7\frac{3}{4}$
C. $13\frac{3}{4}$ D. $8\frac{1}{3}$

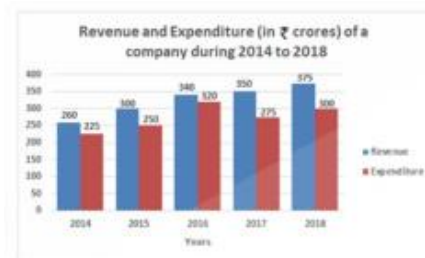
Ans. B

22. If $8(a + b)^3 + (a - b)^3 = (3a + b)(Aa^2 + Bab + Cb^2)$, then what is the value of $(A + B - C)$?

- A. 2 B. 4
C. 10 D. 11

Ans. B

23. The given Bar graph presents the Revenue and Expenditure (in crores of Rupees) of a company during the five year period, 2014-2018.



The total expenditure of the company from 2016 to 2018 is what percentage (nearest to an integer) of the total revenue for the five year period?

- A. 56 B. 55
C. 54 D. 53

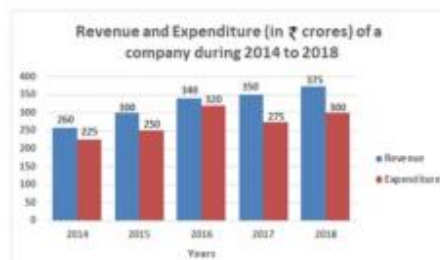
Ans. B

24. A train covers a certain distance in 45 minutes. If its speed is reduced by 5 km/h, it takes 3 minutes more to cover the same distance. The distance (in km) is :

- A. 64 B. 60
C. 54 D. 80

Ans. B

25. The given Bar graph presents the Revenue and Expenditure (in crores of Rupees) of a company during the five year period, 2014-2018.



To which year the percentage increase in the revenue as compared to that in its preceding year is between 5% and 8%?

- A. 2015 B. 2017
C. 2016 D. 2018

Ans. D

Section : English Language

1. Select the word which means the same as the group of words given.

A person who can speak only two languages

- A. Monolingual B. Multilingual
C. Linguist D. Bilingual

Ans. D

2. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

(A) On the morning of April 12, Gopal rose at 5.30 am.

(B) Then he drove to the Joggers Park which was four km away.

(C) There he met his group of walking enthusiasts.

(D) He put on his track suit and walking shoes

- A. CBAD B. ADBC
- C. DCAB D. ACBD

Ans. B

3. Select the word which means the same as the group of words given.

Guide the course of a ship especially by using instruments or maps

- A. Anchor B. Sail
- C. Travel D. Navigate

Ans. D

4. Select the most appropriate meaning of the given idiom.

Feather your own nest

- A. Make money unfairly
- B. Win a competition
- C. Be in a comfortable position
- D. Disturb others in their work

Ans. A

5. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select NO improvement

The government has ordered that all coaching centres without fire safety arrangements **housing above the fourth floor** be shut down immediately

- A. House up to the fourth floor
- B. Housed above the fourth floor
- C. No improvement
- D. Housed over a fourth floor

Ans. B

Comprehension :

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.

In one of the most high-profile localities in the capital, hundreds of (1) _____ walk across an unmanned railway track (2)_____ day to get to school. Lakshman (3)_____ his way down the rocky steps (4)_____ lead

to the railway track behind his settlement. He (5) _____ in the affirmative when asked if the track scares him. "I have fallen down these steps so many times during the monsoon. But there is no other way to walk to school," he says.

6. Select the most appropriate option for blank No. 1

- A. Men B. People
- C. Women D. Children

Ans. D

Comprehension :

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.

In one of the most high-profile localities in the capital, hundreds of (1) _____ walk across an unmanned railway track (2)_____ day to get to school. Lakshman (3)_____ his way down the rocky steps (4)_____ lead to the railway track behind his settlement. He (5) _____ in the affirmative when asked if the track scares him. "I have fallen down these steps so many times during the monsoon. But there is no other way to walk to school," he says.

7. Select the most appropriate option for blank No. 2

- A. Some B. All
- C. Every D. Whole

Ans. C

Comprehension :

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.

In one of the most high-profile localities in the capital, hundreds of (1) _____ walk across an unmanned railway track (2)_____ day to get to school. Lakshman (3)_____ his way down the rocky steps (4)_____ lead to the railway track behind his settlement. He (5) _____ in the affirmative when asked if the track scares him. "I have fallen down these steps so many times during the

monsoon. But there is no other way to walk to school," he says.

8. Select the most appropriate option for blank No. 3

A. Had made B. Makes
C. Was making D. Make

Ans. B

Comprehension :

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.

In one of the most high-profile localities in the capital, hundreds of (1) _____ walk across an unmanned railway track (2)_____ day to get to school. Lakshman (3)_____ his way down the rocky steps (4)_____ lead to the railway track behind his settlement. He (5) _____ in the affirmative when asked if the track scares him. "I have fallen down these steps so many times during the monsoon. But there is no other way to walk to school," he says.

9. Select the most appropriate option for blank No. 4

A. Whom B. What
C. Who D. Which

Ans. D

Comprehension :

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.

In one of the most high-profile localities in the capital, hundreds of (1) _____ walk across an unmanned railway track (2)_____ day to get to school. Lakshman (3)_____ his way down the rocky steps (4)_____ lead to the railway track behind his settlement. He (5) _____ in the affirmative when asked if the track scares him. "I have fallen down these steps so many times during the monsoon. But there is no other way to walk to school," he says.

10. Select the most appropriate option for blank No. 5

A. Shakes B. Salutes
C. Nods D. Winks

Ans. C

11. Select the wrongly spelt word

A. Neither B. Nibble
C. Nightingale D. Ninteenth

Ans. D

12. Select the most appropriate synonym of the given word.

AVENGE
A. Punish B. Cheer
C. Encourage D. Comfort

Ans. A

13. Select the most appropriate antonym of the given word

HASTY
A. Sudden B. Cautious
C. Reckless D. Urgent

Ans. B

14. In the sentence identify the segment which contains the grammatical error

The blue lotus is one of the most beautiful flowers which grows in her garden

A. Is one of the most beautiful flowers
B. In her garden
C. The blue lotus
D. Which grows

Ans. D

15. In the sentence identify the segment which contains the grammatical error

On Saturday Rahul visited his professor to whom he had an appointment

A. To whom he had
B. Rahul visited his professor
C. An appointment
D. On Saturday

Ans. A

16. Select the correct indirect form of the given sentence.

The stranger said to me, "Can you tell me the way to the River Bank Colony?"

A. The stranger asked me can you tell me the way to the River Bank Colony
B. The stranger asked me if you could tell him the way to the River Bank Colony
C. The stranger asked me if I could tell him the way to the River Bank Colony

D. The stranger told me that I could tell him the way to the River Bank Colony

Ans. C

17. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement

The ceremony **will following by** tea and refreshments for the guests.

- A. No improvement
- B. Will followed by
- C. Will be followed by
- D. Will follow with

Ans. C

18. Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- (A) He meets me in the same frank friendly way as always without mentioning it.
- (B) He has owed it to me for twelve month now
- (C) I can realize whenever I meet him that he has forgotten that he owes me a dollar.
- (D) My friend Todd woes me a dollar.

- A. CBAD
- B. CBDA
- C. ADBC
- D. DBCA

Ans. D

19. Select the most appropriate synonym of the given word

SCRAP

- A. Hoard
- B. Save
- C. Store
- D. Reject

Ans. D

20. Select the most appropriate antonym of the given word

ACCESSIBLE

- A. Reachable
- B. Stressed
- C. Attainable
- D. Restricted

Ans. D

21. Select the most appropriate meaning of the given idiom.

Be an old hat

- A. Be superstitious
- B. Be outdated
- C. Be crazy
- D. Be foolish

Ans. B

22. Select the most appropriate word to fill in the blank.

Leopards learned to _____ to semi-urban living near Mumbai and Gurugram.

- A. Adapt
- B. Adopt
- C. Change
- D. Prepare

Ans. A

23. Select the wrongly spelt word

- A. Scenary
- B. Scarce
- C. Scheme
- D. Scanty

Ans. A

24. Select the most appropriate word to fill in the blank.

Darkness _____ over the increasing the danger of wild animals

- A. Collapsed
- B. Descended
- C. Grounded
- D. Declined

Ans. B

25. Select the correct passive form of the given sentence.

The mechanic repaired my car quite satisfactorily

- A. My car repaired quite satisfactorily by the mechanic
- B. The mechanic was repaired quite satisfactorily by my car
- C. My car was repaired quite satisfactorily by the mechanic
- D. My car is repaired quite satisfactorily by the mechanic

Ans. C