

Section: General Intel

1 Arrange the following activities in a logical and meaningful order.

- 1) Attending classes in college
- 2) Admission merit list declaration
- 3) Getting admission in the college
- 4) Applying for admission to college
- 5) Annual Examination — Class 12
- 6) Result declaration — Class 12

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

Ans. B

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

77, 92, 125, 178, 253, ?

- A. 350 B. 352
 C. 353 D. 351

Ans. B

3. Select the option in which Figure-X is embedded. (Rotation is not allowed)



Figure-X

- A. B.
- C. D.

Ans. A

4. 'Tadpole' is related to 'Frog' in the same way as 'Caterpillar' is related to '_____'.

- A. Butterfly B. Bat
 C. Baboon D. Boar

Ans. A

5. In a code language, ADVISORY is written as GDLYRVBU. How will CHEMICAL be written as in that language?

- A. MFOHFLOD B. KFQHFLPE

- C. JFPGFMOD D. KPFHFLOD

Ans. D

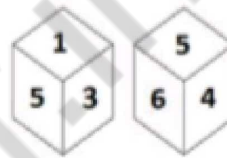
6. Which two numbers should be interchanged in the following equation to make it correct?

$$731 \div 13 + 450 - 25 \times 43 = 142$$

- A. 13 and 25 B. 450 and 25
 C. 13 and 43 D. 731 and 450

Ans. C

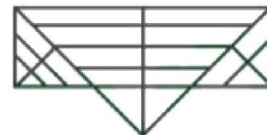
7. Two different positions of the same dice are shown below, the six faces of which are numbered 1 to 6. Find the number on the face opposite to the one having 5.



- A. 6 B. 4
 C. 2 D. 3

Ans. C

8. How many triangles are present in the given figure?



- A. 28 B. 32
 C. 31 D. 30

Ans. D

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

x__y q__ _txz__ _q s q t x__ _y q s_ t

- A. z y s q y y z y q B. y y s q z y z y q
 C. z y q s y z z y q D. z y s q y y y z t

Ans. A

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

B f D e Y 5 3 2

S 3 2 Y e D f B

A.

- B. B f D e Y 2 3 5
 C. B f D e Y 5 3 2
 D. B f D e Y 2 3 2

Ans. A

11. 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.

Detailed Meticulous

- A. Heavy : Light B. Hungry : Fulfilled
 C. Fat : Obese D. Loud : Loose

Ans. C

12. If DIRECTOR is coded as 49953269, then how will FRIENDLY be coded as?

- A. 69955437 B. 69845447
 C. 79954435 D. 68955438

Ans. A

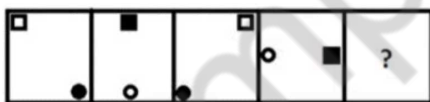
13. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

2 : 9

- A. 8 : 65 B. 4 : 65
 C. 7 : 50 D. 3 : 26

Ans. B

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



- A. B.
- C. D.

Ans. A

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

(8, 112, 28)

- A. (16, 282, 36) B. (18, 216, 22)
 C. (14, 364, 52) D. (12, 216, 34)

Ans. C

16. 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 chilies are potatoes.
 Some potatoes are onions.

Conclusions:

- I. Some onions are chilies
 II. Some onions are potatoes.
 III. No onion is chilly.

A. Conclusion II and either conclusion I or III follow.

B. Only conclusions I and II follow.

C. Only conclusions II and III follow.

D. Conclusion I and either conclusion II or III follow.

Ans. A

17. A total sum of Rs.153 is distributed among three friends A, B and C in such a way that C gets 5 times as much money than A gets and B gets 3 times as much money than A gets. How many rupees does B get?

- A. 65 B. 51
 C. 61 D. 66

Ans. B

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

Food. Lentils, pulses

- A. B.

Sathish Dhawan Space Centre located in _____

- A. Balasore
- B. Mumbai
- C. Sriharikota
- D. Thiruvananthapuram

Ans. C

5. Which author has been awarded the 27th Vyas Samman of the K.K. Birla Foundation in 2018?

- A. Ashish Chaudhary
- B. Yogita Yadav
- C. Pankaj Dubey
- D. Mamta Kalia

Ans. D

6. A/an _____ stock is the stock of a large, well-established and financially sound company that has operated for many years.

- A. Cyclical
- B. Defensive
- C. Blue-Chip
- D. Income

Ans. C

7. In Parliamentary proceedings, how many matters per day as per their priority in the ballot are allowed to be raised during 'Zero Hour'?

- A. 21
- B. 18
- C. 19
- D. 20

Ans. D

8. Flower colours of red, pink, blue and purple come mainly from pigments called _____

- A. Carotenoids
- B. Lycopene
- C. Chlorophyll
- D. Anthocyanins

Ans. D

9. In 1973, the Project Tiger was started in _____ National Park.

- A. Bhitarkanika
- B. Sanjay Gandhi
- C. Jim Corbett
- D. Sunderbans

Ans. C

10. After the battle of _____ in 1757, the British achieved political power in India.

- A. Aliwal
- B. Buxar
- C. Plassey
- D. Saragarhi

Ans. C

11. A chain of islands closely scattered in a body of water is called:

- A. Canyon
- B. Archipelago

C. Strait

D. Reef

Ans. B

12. Which Sikh Guru compiled the 'Adi Granth' the holy scripture of Sikhism?

- A. Guru Hargobind
- B. Guru Amar Das
- C. Guru Arjan Dev
- D. Guru Ram Das

Ans. C

13. As of June 2019, which Indian state has the lowest number of districts?

- A. Goa
- B. Telangana
- C. Sikkim
- D. Arunachal Pradesh

Ans. A

14. In India the Ursa Major Constellation is also known as:

- A. Devarshi
- B. Maharshi
- C. Saptarshi
- D. Swadeshi

Ans. C

15. Which one of the following nations will host the FIFA U-17 Women's World Cup in 2020?

- A. India
- B. China
- C. Nepal
- D. Bangladesh

Ans. A

16. The Indian movie star Rahul Bose was associated with _____ sport of India.

- A. Football
- B. Rowing
- C. Rugby
- D. Squash

Ans. C

17. Who among the following wrote the book 'Wise and Otherwise'?

- A. Gita Piramal
- B. Jhumpa Lahiri
- C. Arundhati Roy
- D. Sudha Murthy

Ans. D

18. Which process refers to the starting up of a computer and the loading of the required parts of the operating system into the RAM?

- A. Swipping
- B. Booting
- C. Mapping A
- D. Tagging

Ans. B

19. Matters, which are not points of order, can be raised by way of Special Mentions under Rule _____ of Lok Sabha.

- A. 377
- B. 302
- C. 223
- D. 214

Ans. A

20. Which one of the following is NOT a output device?

- A. Projector B. Headphones
C. Plotter D. Joystick

Ans. D

21. Bumchu' is a unique cultural festival celebrated in the Indian state of:

- A. West Bengal B. Odisha
C. Assam D. Sikkim

Ans. D

22. A/an_____ is the wide end of a river that meets the sea.

- A. Creek B. Estuary
C. Gorge D. Meander

Ans. B

23. _____is a type of good for which demand increases as its price rises

- A. Giffen Good B. Capital Good
C. Club Good D. Consumer Good

Ans. A

24. With which of the following sports is the term 'twiddle' associated?

- A. Table Tennis B. Cricket
C. Rugby D. Hockey

Ans. A

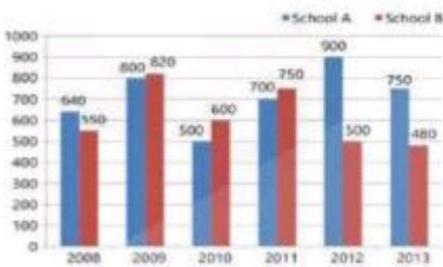
25. In which state was the second edition of the Indian Open International Boxing Tournament held?

- A. Odisha B. Assam
C. Karnataka D. Madhya Pradesh

Ans. B

Section: Quantitative Aptitude

1. The given Bar Graph presents the number of students of two schools for six years.



What is the average (Correct to two decimal places) of total students in schools A and B taken together during the six year period?

- A. 1221.67 B. 1122. 57
C. 1331. 67 D. 1132. 57

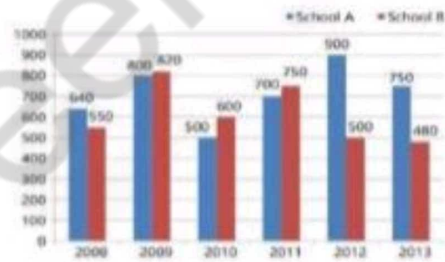
Ans. C

2. The distance between the centres of two circles of radius 3 cm and 2 cm is 13 cm. The length (in cm) of a transverse common tangent is:

- A. 8 B. 10
C. 12 D. 6

Ans. C

3. The given Bar Graph presents the number of students of two schools for six years.



What is the ratio of the number of students taken together for the years 2008. 2012 and 2013 in School A to the number of students taken together for the years 2000. 2012 and 2013 in school B?

- A. 229: 153 B. 101 : 117
C. 153 : 229 D. 117: 101

Ans. A

4. If the seven digit number $54x29y6$ ($x > y$) is divisible by 72, what is the value of $(2x + 3y)$?

- A. 32 B. 13
C. 38 D. 23

Ans. D

5. In ΔABC , the bisectors of $\angle B$ and $\angle C$ meet at O. inside the triangle. If $\angle BOC = 106^\circ$, then the measure of $\angle A$ is:

- A. 16° B. 106°
C. 32° D. 84°

Ans. C

17. A earns Rs.640 per day and works for 8 hours. B earns Rs.360 per day and works for 6 hours. The ratio of per day wages of A to that of B is:

- A. 5 : 4 B. 9 : 16
C. 16 : 9 D. 4: 5

Ans. C

18. The average age of fifteen persons is 32 years. If two more persons are added then the average is increased by 3 years. The new persons have an age difference of 9 years between them. The age (in years) of the elder among the new persons is:

- A. 62 B. 50
C. 53 D. 58

Ans. A

19. If $X^4 + X^{-4} = 47$, ($x > 0$), then the value of $(2x - 3)^2$ is:

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

Ans. C

20. The sum of the salaries of A and B together is Rs. 45000. A spends 85% of his salary and B. 70% of his salary. If now their savings are the same. what is B's salary (in Rs.)?

- A. 30,000 B. 18,000
C. 12,600 D. 15,000

Ans. D

21. The compound interest on a certain sum of money at 21% for 2 years is Rs.9.282. Its simple interest (in Rs.) at the same rate and for the same period is:

- A. 8,750 B. 8.400
C. 8,000 D. 8.500

Ans. B

22. The simplified value of

$$\frac{46 - \frac{3}{4} \text{ of } 32 - 6}{37 - \frac{3}{4} \text{ of } (34 - 6)}$$

- A. 2 B. $\frac{19}{16}$

C. $\frac{19}{64}$

V D. 1

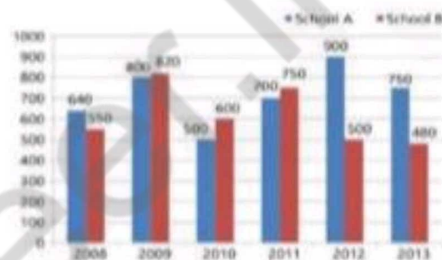
Ans. D

23. The ratio between the speeds of two trains is 2 5. If the first train runs 350 km in 5 h. then the difference between the speeds (in km/h) of both the trains is:

- A. 165 B. 180
C. 350 D. 105

Ans. D

24. The given Bar Graph presents the number of students of two schools for six years.



In which year the percentage increase in the number of total students in schools A and B taken together is the highest in comparison to its previous year'?

- A. 2012 B. 2011
C. 2010 D. 2009

Ans. D

25. A man bought three articles for Rs. 3000 each. He sold the articles respectively at 10% profit, 5% profit and 15% a loss. The total percentage profit/loss he earned is:

- A. 10% loss B. 5% loss
C. 5% profit D. No profit no loss

Ans. D

Section: English Language

1. Identify the most appropriate option to substitute the underlined segment. If no substitution is required, select No substitution. This was an only the mistake he made.

- A. only the mistake B. the mistake only
C. the only mistake D. No substitution

Ans. C

2. Fill in the blank with the most appropriate word.

The landlord is very_____ about cleanliness and finds fault with all his tenants.

- A. fabulous B. fastidious
C. pompous D. ominous

Ans. B

3. Identify the segment which contains the grammatical error.

Great many students who are good at other subjects perform poorly in English.

- A. perform poorly
B. in English
C. who are good at
D. Great many students

Ans. D

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

Through thick and thin

- A. to be scared of small dangers
B. passing through a thick forest
C. support under all circumstances
D. to be hard-hearted in times of loss

Ans. C

5. Identify the segment which contains the grammatical error.

Climate change are a greatest threat facing our planet which needs our immediate attention.

- A. our immediate attention
B. are a greatest
C. which needs
D. facing our planet

Ans. B

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

DISCOVER

- A. neglect B. find
C. hide D. ignore

Ans. B

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

IGNOMINIOUS

- A. wonderful B. disgraceful

- C. innocuous D. generous

Ans. B

8. Identify the most appropriate option to substitute the underlined segment. If no substitution is required, select No substitution.

He is a good singer of the two.

- A. No substitution B. the best singer
C. the better singer D. the good singer

Ans. C

9. Select the most appropriate passive form of the given sentence.

Please lock the door.

- A. The door should kindly being locked.
B. You are requested to lock the door.
C. You are being ordered to lock the door.
D. Please let the door be lock.

Ans. B

10. Select the most appropriate word for the group of words.

people who enjoy social company

- A. gregarious B. unanimous
C. gorgeous D. herbivorous

Ans. A

11. Select the most appropriate antonym of the given word.

RETALIATION

- A. reconciliation B. retribution
C. retrospection D. regression

Ans. A

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

1) Till quite recently the trend was to go to the west that offered advanced medical facilities.

2) This is because it has on offer the highest level of services, facilities and professional skills.

3) But over the last decade the trend has reversed and India is being chosen for medical tourism.

4) Today, it is not uncommon to travel to a foreign country for medical treatment.

- A. BCDA B. DACB
C. CBDA D. ABCD

Ans. B

13. Select the most appropriate indirect form of the given sentence.

She said to you, "I have a thousand rupees in my purse now."

A. She told you that she has a thousand rupees in my purse now.

B. She told you that she had a thousand rupees in her purse then.

C. She said you that she have a thousand rupees in my purse then.

D. She told me that she had a thousand rupees in her purse now.

Ans. B

14. Select the wrongly spelt word.

A. eager B. beggar

C. vehical D. value

Ans. C

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

1) This kindness converted his street into a neighbourhood.

2) He and his wife were always ready to lend a helping hand.

3) Mohan was an ideal neighbour in every way. 4) Whether it was lending tools or watering fields, the couple embodied neighbourly kindness.

A. DBCA B. CBDA

C. CDAB D. BDAC

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.

Each child deserves love and care. The child who is (1) _____ for what he is even if he is slow or (2) _____, will grow with confidence in himself. He will (3) _____ the ability to make the best use of the (4) _____ which come his way and make light of any (5) _____ that may pose difficulties in his path.

16. Select the most appropriate option to fill in blank number 1

A. appreciated B. thanked

C. rebuked D. jeered

Ans. A

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.

Each child deserves love and care. The child who is (1) _____ for what he is even if he is slow or (2) _____, will grow with confidence in himself. He will (3) _____ the ability to make the best use of the (4) _____ which come his way and make light of any (5) _____ that may pose difficulties in his path.

17. Select the most appropriate option to fill in blank number 2

A. clumsy B. capable

C. clever D. courteous

Ans. A

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.

Each child deserves love and care. The child who is (1) _____ for what he is even if he is slow or (2) _____, will grow with confidence in himself. He will (3) _____ the ability to make the best use of the (4) _____ which come his way and make light of any (5) _____ that may pose difficulties in his path.

18. Select the most appropriate option to fill in blank number 3

A. maintain B. develop

C. conceal D. consider

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

Each child deserves love and care. The child who is (1) _____ for what he is even if he is slow or (2) _____, will grow with confidence in himself. He will (3) _____ the ability to make the best use of the (4) _____ which come his way and make light of any (5) _____ that may pose difficulties in his path.

19. Select the most appropriate option to fill in blank number 4

- A. opportunities B. dreams
C. favours D. threats

Ans. A

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.

Each child deserves love and care. The child who is (1) _____ for what he is even if he is slow or (2) _____. will grow with confidence in himself. He will (3) _____ the ability to make the best use of the (4) _____ which come his way and make light of any (5) _____ that may pose difficulties in his path.

20. Select the most appropriate option to fill in blank number 5

- A. consequences B. intrusions
C. prohibitions D. handicaps

Ans. D

21. Fill in the blank with the most appropriate word.

We must not lose heart in times of

- A. diversity B. adversity
C. deformity D. inactivity

Ans. B

22. Select the most appropriate word for the group of words.

One who eats too much

- A. overweight B. glutton
C. corpulent D. obese

Ans. B

23. Select the most appropriate meaning of the given idiom. Rule the roost

- A. to make all the decisions
B. to be prosperous but generous
C. to frequently pick a quarrel
D. to blindly follow others

Ans. A

24. Select the correctly spelt word.

- A. genuine B. genwin
C. genuin D. genune

Ans. A

25. Select the most appropriate antonym of the given word.

LOYALTY

- A. faith B. treason
C. trust D. fidelity

Ans. B