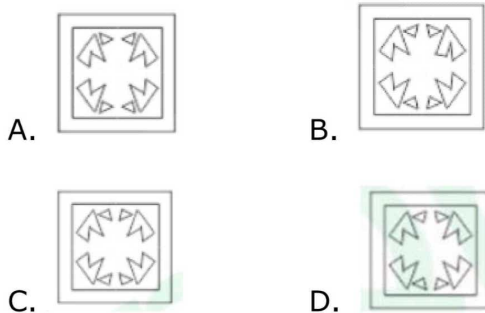


Section: General Intelligence

1. A paper is folded and cut as shown in the following figures. How will it appear when unfolded?



Ans. D

2. 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. 2421 B. 7261
C. 5472 D. 4842

Ans. B

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

$$28 - 42 \div 2 + 276 \times 23 = -44$$

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

Ans. D

4. 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.

Year : June

- A. Week : Thursday B. April : Month
C. Week : Calendar D. Year : Century

Ans. A

5. There are two Married couples in a family. % has two children. A is wife of @, who is brother of #. F is daughter of %. U is sister of S, who is son of @. T is son of #, who is a male.

How is A is related to %?

- A. Sister B. Sister in law
C. Brother D. Brother in law

Ans. B

6. Arrange the following words in the order as they would appear in English dictionary.

- 1) Denote 2) Destiny
3) Diagonal 4) Demand
5) Density

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

Ans. B

7. If FINGER is coded as 15232112239 and MARKET is coded as 14192916252, then how will

MILTON be coded as?

- A. 22213235295 B. 22122353295
C. 2222213355 D. 21223239525

Ans. A

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

(11, 13, 288)

- A. (7, 11, 162) B. (19, 23, 828)
C. (3, 5, 31) D. (13, 17, 415)

Ans. A

9. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- A. AVZ B. UPF
C. OKL D. EZV

Ans. C

10. Three 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 tractors are boats.

All cups are boats.

All jars are tractors.

Conclusions:

I. Some tractors are cups.

II. No jar is boat.

III. Some cups are jars.

- A. Only conclusions I and II follow.
B. Only conclusions II and III follow.
C. None of the conclusions follows.
D. Only conclusions I and III follow.

Ans. C

11. In a code language, LOGITECH is written as CFCEBAYD. How will INFORMATION be written as in that language?

- A. EEBFIDBWFEE B. EBEDIFBWFEE
 C. EEBFIDWBEFE D. EBEFDIWBEFE

Ans. C

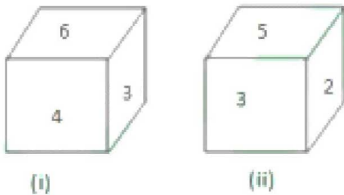
12. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

MARK : FHMP :: LOAN : _____

- A. SVEV B. EVSV
 C. EVVS D. SVVE

Ans. C

13. Two different positions of the same dice are shown. Which number will be at the top if 2 is at the bottom?



- A. 4 B. 6
 C. 1 D. 3

Ans. B

14. Twenty teams take part in a football tournament. Each team has to play every other team. How many games would be played in the tournament?

- A. 195 B. 190
 C. 170 D. 180

Ans. B

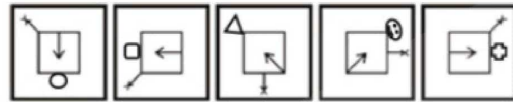
15. Select the option that is related to the third number in the same way as the second number is related to the first number.

68 : 100 :: 45 : _____

- A. 41 B. 114
 C. 14 D. 141

Ans. A

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



- A. B.

- C. D.

Ans. D

17. 'Painter' is related to 'Paintbrush' in the same way as 'Farmer' is related to _____

- A. Colour B. Crops
 C. Harvest D. Plough

Ans. D

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

Lecturers. Singers. Men

- A. B.
 C. D.

Ans. A

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

a_b_aad_ca_dbc_adb_a

- A. Dcabca B. dbcaca
 C. dcbaac D. dcabac

Ans. C

20. How many triangles are present in the following figure?







- A. 24 B. 26
C. 30 D. 28

Ans. D

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



- A.  B. 
C.  D. 

Ans. C

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

- A. Parasailing B. Surfing
C. Swimming D. Driving

Ans. D

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

3, 14, 29, 38, 51, 58, 69, ?

- A. 74 B. 37
C. 73 D. 47

Ans. A

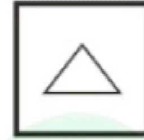
24. Select the set in which the numbers are related in the same way as are the numbers of the following set.




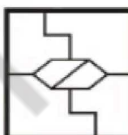
(11, 13, 17)

- A. (5, 7, 9) B. (29, 31, 41)
C. (19, 23, 29) D. (31, 37, 43)

Ans. C

25. Select the option in which the given figure is embedded.



- A.  B. 
C.  D. 

Ans. B

Section: General Awareness

1. Which popular Indian band of the 90s released their first album 'Boondein' with Mohit Chauhan as the lead?

- A. Pentagram B. 13AD
C. Silk Route X D. Lost Stories

Ans. C

2. In the new 2019 Narendra Modi cabinet, which portfolio is assigned to Smriti Irani?

- A. Ministry of Human Resource Development
B. Ministry of External Affairs
C. Ministry of Women and Child Development
D. Ministry of Law and Justice

Ans. C

3. In which year the Indian cricket team won the ODI World Cup for men for the second time?

- A. 2011 B. 2003
C. 2015 D. 2007

Ans. A

4. In the context of Cloud Computing, what is the full form of PaaS?

- A. Protocol as a Service
B. Performance as a Service
C. Payment as a Service

D. Platform as a Service

Ans. D

5. Which of the following banks was founded by Muttaiya Chidambaram Chettiar Muthiah Chidambaram Chettiar in Chennai in 1937?

A. Carrara Bank

B. Indian Overseas Bank

C. Syndicate Bank

D. Dhanlaxmi Bank

Ans. B

6. The quote "Bombs and pistols do not make a revolution. The sword of revolution is sharpened on the whetting-stone of ideas" belongs to which of the following freedom fighters?

A. Bal Gangadhar Tilak

B. Subhash Chandra Bose

C. Bhagat Singh

D. Lala Lajpat Rai

Ans. C

7. In which state is Sasthamcotta Lake located?

A. Tamil Nadu

B. Telangana

C. Kerala

D. Karnataka

Ans. C

8. Dolomite is an ore of which of the following metals?

A. Strontium

B. Potassium

C. Aluminium

D. Calcium

Ans. D

9. In April 2018, the United Nations General Assembly declared 3rd June as _____

A. World Water Transport Day

B. World Automobile Day

C. World Motorcycle Day

D. World Bicycle Day

Ans. D

10. In which year was the Central Board of Revenue Act in India promulgated?

A. 1983

B. 1963

C. 1973

D. 1953

Ans. B

11. Indira Sagar Dam which is a concrete gravity dam is located in which of the following states of India?

A. Uttar Pradesh is

B. Maharashtra

C. Chattisgarh

D. Madhya Pradesh

Ans. D

12. When pressure is applied to a fluid, the pressure change is transmitted to every part of the fluid without any loss. Which of the following laws explains this phenomenon?

A. Hooke's Law

B. Bernoulli's Law

C. Avogadro's Law

D. Pascal's Law

Ans. D

13. Which committee was appointed to give a detailed report on the Non Performing Assets of public sector banks?

A. Malegam Committee

B. Srikrishna Committee

C. Pannir Selvam Committee

D. Mandal Committee

Ans. C

14. In January 2019, which panel was setup by the RBI to suggest measures to strengthen the safety of the digital payments ecosystem in India?

A. Sudha Murthy Panel

B. Raghuram Rajan Panel

C. Nandan Nilekani Panel

D. Urjit Patel Panel

Ans. C

15. Who among the following has been appointed as the Ethics Officer of the Indian cricket board in March 2019?

A. Milind Kharat

B. Suresh Babu

C. Dinesh Kumar

Verma D. D.K.Jain

Ans. D

16. In which year was the State Financial Corporation Act passed? The Act provides for the establishment of state financial corporations.

A. 1972

B. 1983

C. 1951

D. 1947

Ans. C

17. The distributory of which river takes the name 'Padma' in Bangladesh?

A. Jhelum

B. Ganga

C. Brahmaputra

D. Indus

Ans. B

18. The Valley of Flowers National Park is located in

- A. Uttarakhand
- B. Jammu & Kashmir
- C. Himachal Pradesh
- D. Meghalaya

Ans. A

19. Who is the Asian cricketer named as the first non-British president of the prestigious Marylebone Cricket Club (MCC)?

- A. Wasim Akram
- B. Mahela Jayawardene
- C. Kumar Sangakkara
- D. Sunil Gavaskar

Ans. C

20. The world body governing of which sport has introduced a new game format called "Triples"?

- A. Table tennis
- B. Tennis
- C. Badminton
- D. Squash

Ans. C

21. Which of the following is NOT one of the tools of Robotics Process Automation?

- A. Blue Prism
- B. Ui Path
- C. Automation Anywhere
- D. PowerCenter

Ans. D

22. Pandit Shivkumar Sharma, who is a recipient of Padma Vibhushan, is associated with which of the following instruments?

- A. Santuoi
- B. Flute
- C. Tabla
- D. Viloin

Ans. A

23. Reliance Infrastructure has bagged a Rs. 648 crore contract from the Airport Authority of India to build a new airport at which of the following locations of Gujarat?

- A. Ambaji
- B. Veraval
- C. Hirasar
- D. Keshod

Ans. C

24. For which specific reason is Pingali Venkayya remembered even today?

- A. He composed the music for the National Anthem
- B. He helped in the annexation of Goa

C. He designed the Indian National Flag
D. He helped in the annexation of Hyderabad

Ans. C

25. The terms systolic and diastolic are used in the context of _____

- A. Detecting problems in eye sight
- B. Counting blood platelets
- C. Measuring blood pressure
- D. Finding blood vessels

Ans. C

Section: Quantitative Aptitude

1. A sum of Rs. 10000 amounts to Rs.1664 in 2 years, at a certain rate percent per annum. when the interest is compounded yearly. What will be the simple interest on the same sum for $5\frac{2}{5}$ years at the same rate?

- A. Rs.4320
- B. Rs.4160
- C. Rs.3840
- D. Rs.4040

Ans. A

2. If an eleven-digit number $5y5888406x6$ is divisible by 72, then what is the value of $(9x - 2y)$, for the least value of x?

- A. 5
- B. 3
- C. 4
- D. 7

Ans. B

3. PQRS is a cyclic quadrilateral. If P is four times $\angle R$ and $\angle S$ is three times $\angle Q$, then the sum of $\angle Q$ and $\angle R$ is:

- A. 77°
- B. 73°
- C. 81°
- D. 86°

Ans. C

4. In ΔABC , $BD \perp AC$. E is a point on BC such that $\angle BEA = x$. If $\angle EAC = 38$ and $\angle EBD = 40^\circ$, then the value of x is:

- A. 88°
- B. 68°
- C. 78°
- D. 72°

Ans. A

5. If $\cot \theta = \sqrt{6}$, then the value of $\frac{\cos^2 \theta + \sec^2 \theta}{\cos^2 \theta - \sec^2 \theta}$ is:

- A. $\frac{49}{36}$ B. $\frac{43}{36}$
 C. $\frac{7}{5}$ D. $\frac{48}{35}$

Ans. C

6. If $\sin \theta \sec^2 \theta = \frac{2}{3}$, $0^\circ < \theta < 90^\circ$, then the

value of $(\tan^2 \theta + \cos^2 \theta)$ is:

- A. $\frac{7}{6}$ B. $\frac{11}{12}$
 C. $\frac{13}{12}$ D. $\frac{5}{4}$

Ans. C

7. Sudha spends 80% of her income. When her income is increased by 30%, she increases her expenditure by 25%. Her savings are:

- A. Increased by 5%
 B. Decreased by 30%
 C. Decreased by 5%
 D. Increased by 50%

Ans. D

8. Eight years ago, the ratio of ages of A and B was 9 : 10. The ratio of their ages 4 years from now will be 12 : 13. What is the age (in years) of C now, if his age is 6 years more than that of A?

- A. 56 B. 42
 C. 50 D. 48

Ans. C

9. The simplified value of $3 \times 2 \div 3$ of $2 \times 3 \div (5 - 5 \times 5 \div 5$ of $5 - 5 \div 10$ of $1/5$) is:

- A. $6/7$ B. $17/5$
 C. $2/3$ D. $30/59$

Ans. A

10. A circle circumscribes a rectangle whose sides are in the ratio 4 : 3. If the perimeter of the rectangle is 56 cm, then what is the area in cm^2) of the circle?

- A. 70π B. 96π
 C. 90π D. 100π

Ans. D

11. O is the centre of a circle to which PAX and PBY are tangents from a point P at points A and B. Q is a point on the circle, such that $\angle QAX = 49^\circ$ and $\angle QBY = 62^\circ$. What is the measure of $\angle AQB$?

- A. 67° B. 59°
 C. 69° D. 63°

Ans. C

12. If $\frac{(\sin \theta - \operatorname{cosec} \theta)(\cos \theta - \sec \theta)}{\tan^2 \theta - \sin^2 \theta} = r^3$,

then r

- A. $\sin \theta \cos \theta$ B. $\tan \theta$
 C. $\cot \theta$ D. $\operatorname{cosec} \theta \sec \theta$

Ans. C

13. Pipes A and B can fill a tank in S hours and 12 hours, respectively whereas pipe C can empty the full tank in 6 hours. A and B are opened for 3 hours and then closed and C is opened instantly. C will empty the tank in:

- A. $4\frac{1}{2}$ hours B. $4\frac{1}{4}$ hours
 C. $3\frac{1}{2}$ hours D. $3\frac{3}{4}$ hours

Ans. D

14. An article is marked at a price which is 1.2 times its cost price. After allowing a certain discount on the marked price, the profit reduces to 10%. The discount percent is:

- A. $8\frac{1}{3}$ B. 9
 C. 10 D. $8\frac{2}{3}$

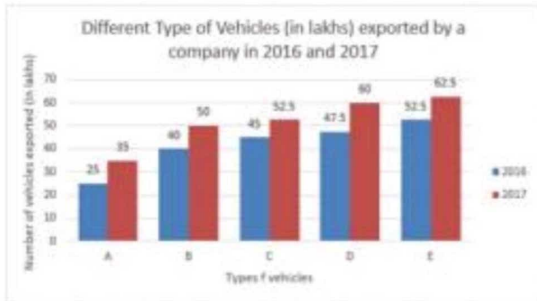
Ans. A

15. A vendor bought 40 dozen of fruits for Rs.2400. Out of these, 30 fruits were rotten and thrown away. At what rate per dozen should he sell the remaining fruits to make a profit of 25%?

- A. Rs.84 B. Rs.72
 C. Rs.90 D. Rs.80

Ans. D

16. The given Bar Graph presents Different Type of Vehicles (in lakhs) exported by a company in 2016 and 2017.



The export of which type of vehicle in 2017 is approximately 18.3% more than the export of same type of vehicle in 2016?

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

Ans. A

17. The average weight of the students in a group was 75.4 kg. Later on, four students having weights, 72.9 kg, 73.8 kg, 79.5 kg and 87.4 kg joined the group. As a result, the average weight of all the students in the group increased by 0.24 kg. What was the number of students in the group, initially?

- A. 46 B. 36
C. 50 D. 48

Ans. A

18. If x is real and $x^4 - 5x^2 - 1 = 0$, then the value of $\left(x^6 - 3x^2 + \frac{3}{x^2} - \frac{1}{x^6} + 1\right)$ is:

- A. 126 B. 110
C. 116 D. 96

Ans. A

19. If $24\sqrt{3}x^3 + 5\sqrt{5}y^3 = (2\sqrt{3}x + \sqrt{5}y) \times (Ax^2 + Bxy + Cy^2)$. then what is the value of $(A^2 - B^2 + C^2)$?

- A. 108 B. 128
C. 109 D. 139

Ans. C

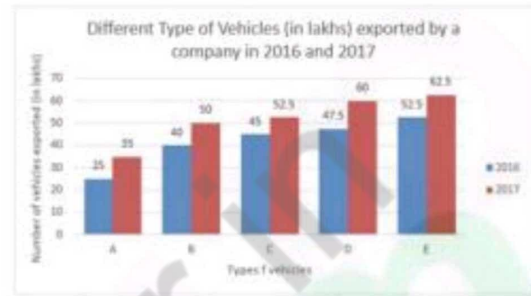
20. In $\triangle ABC$ D and E are the points on sides AC and AB, respectively such that $\angle ADE =$

$\angle B$. If $AE = 8$ cm, $CD = 3$ cm, $DE = 6$ cm and $BC = 9$ cm, then AD is equal to:

- A. 8 cm B. 6 cm
C. 9 cm D. 7.5 cm

Ans. C

21. The given Bar Graph presents Different Type of Vehicles (in lakhs) exported by a company in 2016 and 2017.

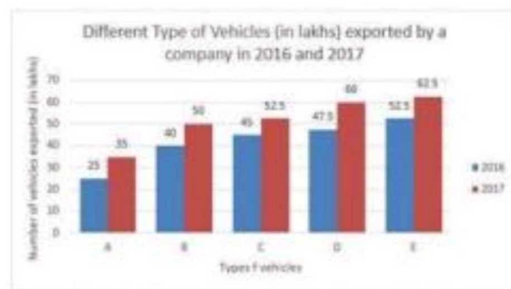


What is the ratio of the total number of vehicles of type D and E exported by the company in 2016 to that of vehicles of type C and E exported in 2017?

- A. 4 : 5 B. 20 : 23
C. 10 : 11 D. 5 : 6

Ans. B

22. The given Bar Graph presents Different Type of Vehicles (in lakhs) exported by a company in 2016 and 2017.

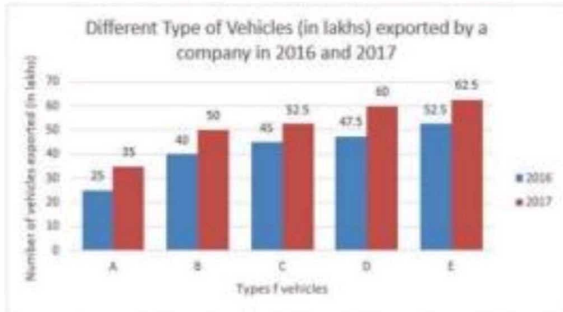


The total number of vehicles of type C and E exported by the company in 2017 is what percentage (correct to one decimal place) more than the total number of vehicles of type A, B and C exported in 2016?

- A. 5.4 B. 4.5
C. 4.1 D. 5.2

Ans. B

23. The given Bar Graph presents Different Type of Vehicles (in lakhs) exported by a company in 2016 and 2017.



The average number of all types of vehicles exported by the company in 2016 is what percent less than the number of type B vehicles exported in 2017?

- A. 15
B. 12
C. 18
D. 16

Ans. D

24. If $x + z = 2$, $xy + yz + zx = -11$, then the value of $x^3 + y^3 + z^3 - 3xyz$ is:

- A. 152
B. 70
C. 148
D. 74

Ans. D

25. A 360 m long train running at a uniform speed, crosses a platform in 55 seconds and a man standing on the platform in 24 seconds. What is the length (in metre) of the platform?

- A. 480
B. 445
C. 410
D. 465

Ans. D

Section: English Language

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

A sound that cannot be heard

- A. illegible
B. inevitable
C. incomprehensible
D. inaudible

Ans. A

2. Select the wrongly spelt word.

- A. inefficent X
B. Independence
C. influence
D. inequality

Ans. A

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

The merchant took out the dead parrot from the cage.

A. The dead parrot took out from the cage by the merchant.

B. The dead parrot is taken out from the cage by the merchant.

C. The dead parrot was taking out from the cage by the merchant.

D. The dead parrot was taken out from the cage by the merchant.

Ans. D

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

DENOUNCE

- A. criticise
B. applaud
C. vilify
D. blame

Ans. B

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

Adali Khal is such a ___ village in Garhwal that hardly any tourist can reach there.

- A. lonesome
B. Dreaming
C. remote
D. lost

Ans. C

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

A. But after a while they all began to blur in our memories.

B. When we arrived in Bangkok, we took a tour of the city's famous Buddhist temples.

C. However there was one temple, the Temple of Golden Buddha, which left an indelible impression in our hearts and minds.

D. We visited numerous temples that day.

- Ans. A. BACD
B. DCBA
C. ADBC
D. BDAC

Ans. D

7. 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.

She has been writing this novel for a year but she did not finish it yet.

- A. had not finished it
- B. has not finish it
- C. No improvement
- D. has not finished it

Ans. D

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

OPAQUE

- A. dull
- B. clear
- C. frosty
- D. hazy

Ans. B

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

ENTHRALL

- A. disgust
- B. free
- C. mesmerize
- D. repel

Ans. C

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

- A. There was an old apple tree in the centre of a village.
- B. The adults also sat in the shade and discussed important things.
- C. They remembered that they too had played around the tree when they were young.
- D. Children loved to play around the tree and pick delicious apples.

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

Ans. A

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

Bhola said to his mother, "Why is this charcoal so black?"

- A. Bhola asked his mother why was that charcoal so black.
- B. Bhola told his mother why that charcoal was so black.
- C. Bhola asked his mother why that charcoal was so black.
- D. Bhola asked his mother why this charcoal is so black.

Ans. C

12. 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.

They dissuaded me of visiting the War Memorial but I really wanted to see it.

- A. of visit
- B. No improvement
- C. from visiting
- D. to visiting

Ans. C

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

The crux of the matter

- A. the unknown point
- B. the lesser issue
- C. the critical point
- D. the interesting thing

Ans. C

14. Select the wrongly spelt word.

- A. bliss
- B. behave
- C. board
- D. better

Ans. B

15. Select the word which means the same as the group of words given a rabbit's dwelling.

- A. lair
- B. burrow
- C. sty
- D. den

Ans. B

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

The promoters of Med Hospitals has agreed to sell their business to Pal Hospitals.

- A. The promoters of
- B. to sell their business
- C. Med Hospitals has agreed
- D. to Pal Hospitals

Ans. C

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

Four corners of the earth

- A. from the very beginning
- B. from morning till night
- C. from all parts of the world
- D. from beginning to end

Ans. C