All India Sainik School Entrance exam 2024 9th

Name: _____

Date: _____

Question: 1 of 151   QID: 271   Marks: 4

1.If the area of a circle is 2464 cm2,then the radius of the circle (in cm) is [use π = (22/7).
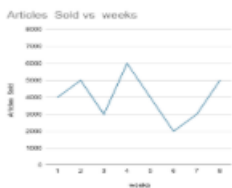
- A. 24
- B. 26
- C. 28
- D. 59

Question: 2 of 151   QID: 272   Marks: 4

2.The given line graph shows the number of articles sold by a company in the first 8 weeks of a particular year.

What is the average number of articles sold In 8 weeks?

- A. 5892
- B. 4875
- C. 4375
- D. 2945

Question: 3 of 151   QID: 273   Marks: 4

3.If a= √2+b=√3-√2 and c=√6+2√2 then the value of a2+b2 -c is

- A. 8
- B. 8-3√6
- C. =√8+4√2
- D. 11-3√6

4.$(2.5a - 3.5b)^2 - (3.5a - 2.5b)^2 =$

A. $-6a^2 - 6b^2$ B. $6b^2 - 6a^2$

C. $6a^2 - 6b^2$ D. $6a^2 - 6b^2$

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5 .6 identical pipes can fill a tank in 1 h and 30 min. How long will it take to fill
   the tank if 3 pipes stop working after filling half the tank?

A. 135 min   B. 125min

C. 110min   D. 110min

---

6 .A certain number of men can complete a work in 50 days. If there were 6 more men, the work could be finished in 10 days less.
   The number of men originally working are

A. 36   B. 30

C. 28   D. 24

---

7. If one angle of a triangle is 63^0 and remaining two angles are in the ratio 1:2,then the measure of the largest angle of the triangle, is

A. 63^0 B. 70^0

C. 78^0 D. 82^0

---

8. If 30% of 9(A+B)= 50%of (A+B), Then A:B is

A. 3.5   B. 5.3

C. 4.1   D. 1.4

9.In a fruit store, there are $4(a2 - 2/3b2)$ boxes and in each box are $(3/4\ a2+3b2)$
boxes and in each box there are $(3/4\ a2+3b2)$ apples. How many apples are there in the Store?

- **A.** 3a4+10a2b 2 -8b4
- **B.** 3a2++12a2 b 2 -8b4
- **C.** 12a4 +10a2b 2+6b4
- **D.** 12a2+12a2b 2 -6b4

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10. If $(\square)$ = $\dfrac{4ab}{a+b}$, then the value of $\dfrac{x+2a}{x-2a}$, + $\dfrac{x+2b}{x-2a}$,

- **A.** $\dfrac{2ab}{(a+b)2)}$
- **B.** 2
- **C.** 4
- **D.** $\dfrac{4ab}{(a+b)2}$

---

11. If 8 is multiplied with 7 more than a number, it becomes the same as 15 is added to 3 times the same number. This can be
represented by which of the following equations ?

- **A.** 7(8+ $\square$)=3 $\square$ +15
- **B.** 56 + $\square$ =3 $\square$ +15
- **C.** 8(7+ $\square$)=15+3$\square$
- **D.** 56$\square$+1=3 ($\square$ + 5)

12.{44($\square$ 4 -5 $\square$ 3 -24 $\square$ 2)} ÷[11 $\square$($\square$-8)}=

- **A.** 4$\square$($\square$ + 3)
- **B.** 7$\square$($\square$ + 2)
- **C.** 5$\square$($\square$ + 4)
- **D.** ($\square$ + 2) ($\square$ + 2)

---

13. In a polygon, the sum of interior angles is 3600.Its diagonals are equal but not all the sides. What is that polygon?

- **A.** Parallelogram
- **B.** Rhombus
- **C.** Rectangle
- **D.** Square

14. If circumference of a circle is 88 cm, then the area of the circle (in cm2) is {use π= 22 7 }

A.   600

B.   612

C.   616

D.   620

15. Numbers 1 to 40 are written on differentcards (one number on one card) and kept in a box. One card is picked up from the box. What is the probability that the card shows a perfect square number?

A. $\dfrac{1}{8}$

B. $\dfrac{12}{5}$

C. $\dfrac{3}{20}$

D. $\dfrac{1}{10}$

16. If a:b:c:d=1:2:3:5,then the value of $\dfrac{a2 + b2 + c2}{b2 + c2 + d2}$ is.

A. $\dfrac{7}{19}$

B. $\dfrac{19}{5}$

C. $\dfrac{8}{17}$

D. $\dfrac{4}{21}$

17.Atul drives a car at a speed of 48 km/h and starts his journey for his hometown 132 km away from residence at 9 am. At what time, will he reach his hometown?

A.   11:am

B.   11:20 am

C.   11:40 am

D.   11:45 am

18. If the points A (3,0) and B(0,4) are joined, then what will be the area of the triangle formed by AB and the coordinate axes?

A.   5 unit^2

B.   6 unit^2

C.   7 unit^2

D.   12 unit^2

19. If in polyhedron, V stands for number of vertices, F stands for number of faces and E stands for number of edges, Then which of the following cannot be true for a polyhedron?

- A. V=8,F=6, E=12
- B. V=5, F=5, E= 8
- C. V= 6,F=5,E=10
- D. V=4,F=4,E=6

20. All faces of a cube of side 5 cm are red painted and are cut into smaller cube of side 1 cm. What is the total volume of smaller cubes formed, which have no face with red colour?

- A. $54cm3$
- B. $45cm3$
- C. $34cm3$
- D. $27cm3$

21. .what is the greatest value of A for which the 6-digit number 326A 50 is divisible by 3?

- A. 2
- B. 6
- C. 8
- D. 9

22. $\dfrac{7}{3} + \dfrac{7}{3} \div \dfrac{14}{3} \div \dfrac{1}{7} \left\{ \dfrac{14}{9} \right\}$

- A. $\dfrac{7}{3}$
- B. $\dfrac{3}{2}$
- C. $\dfrac{10}{3}$
- D. $\dfrac{1}{2}$

23. $\sqrt{\sqrt[3]{27 - 2 * \sqrt[3]{8 + \sqrt[3]{125}}}}$

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

24. The average of five prime number is

  ○ **A.** 36   ○ **B.** 5

  ○ **C.** 5.2   ○ **D.** 5.6

25.Two cubes have their surface areas in the ratio 4:5. What is the ratio of their volumes?

  ○ **A.** 64:729   ○ **B.** 8:27

  ○ **C.** 9.4   ○ **D.** 2.3

---

26. 4 equal cuboids with dimensions 6 cm*10cm*4*are joined side-by -side. The volume of the solid so formed, is

  ○ **A.** 240 cm3   ○ **B.** 480 cm3

  ○ **C.** 864 cm3   ○ **D.** 960 cm3

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27. Ritu is four years younger than her brother varun. After 5 yr, the sum of their ages will be 70 yr. What is the present of Ritu?

  ○ **A.** 30yr   ○ **B.** 25.5 yr
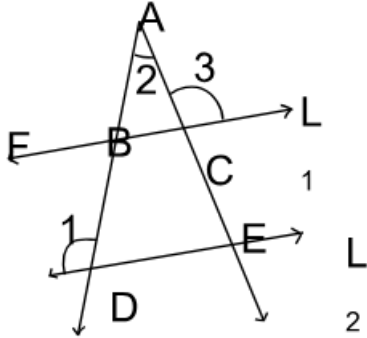
  ○ **C.** 28yr   ○ **D.** 32yr

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28. out of a certain number of marbles,(3 5) th are red and half of the number is 12, then how many are red marbles?

  ○ **A.** 24   ○ **B.** 36

  ○ **C.** 9   ○ **D.** 18

29. How many sides does a regular polygon have if each of its interior angles is 1560 ?

A. 24   B. 36

C. 9   D. 20

30. In a figure, L_1 is parallel to L_2 and <1= 1550 ,<2=400 ,then <3 is equal to

A. 115^0 B. 110^0
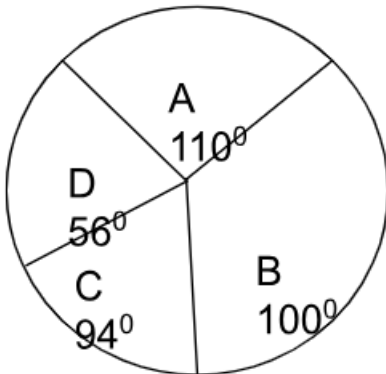
C. 105^0 D. 100^0

31. If $[a^8+1/a^8]$ $[a^4+1/a^4]$ $[a^2+1/a^2]$ $[a+1/a]$ $[a-1/a]=ab-1/a^b$ then value of b,is

A. 8   B. 16

C. 32   D. 64

32. Survey was done on 900 school children about their choice Of TV programmes

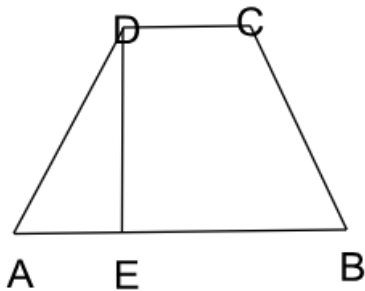(a) Sports   (b) Comedy Shows
(c) Serials   (d) News

Their choices are shown in the pie-chart .

How many children showed interest in comedy shows?

A. 235

B. 250

C. 265

D. 275

33. .ABCD is a trapezium in which AB∥ CD and DE ⊥ AB If AB=2 DC, DE=12 cm and area of ABCD=144cm2 ,then the length of AB,is
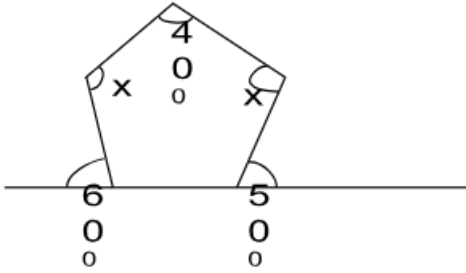

A. 16cm

B. 10cm

C. 8cm

D. 20cm

34. Which of the following statements are true?

A.cube of any odd number is odd.
B.cube of a single digit number cannot be a single digit number.
C.A perfect cube may end with exactly two Zeroes.
D.Cube of a 2-digit number has at least3 digits.

A. A,B,C only

B. B,C,D, only

C. A,B,D only

D. A,D only

35. The value of ⬚ from following figure ,is

- A. 35^0
- B. 70^0
- C. 125^0
- D. 25^0

36. Madan scored marks given in the following table.

Maths	English	Hindi	Science	S.ST
95	72	80	68	65

His average marks per subject is

- A. 72
- B. 74
- C. 75
- D. 76

37.Which of the following triangles with given sides is not a right-angled triangle?

A.3,4,5,   B.5,12,13

C.6,7,8   D.6,8,10

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

38.If two perpendicular sides of a triangle are 9 cm and 40 cm and length of the side opposite to right angle is ⬚ cm, then the value of ⬚ is.

- A. 39
- B. 40
- C. 41
- D. 42

39. The value of a car depreciates at 10% per annum . Jayant bought the car for 800000. What will be its value after 3 yr?

A. ₹ 583000
B. ₹ 583890
C. ₹ 592000
D. ₹583200

40.The median of the data is 3,11 the data set 3,11,8,9,6,7,12,is,

A. 6
B. 7
C. 8
D. 9

41.The average height of 6 boys is 5'3" If one boy is 6'1"tall , then the average height
   Of remaining boys, is

A. 6
B. 10
C. 15
D. 18

---

42. By which smallest number ,2700 must be Multiplies so that the new number is a perfect Cube?

A. 6
B. 10
C. 15
D. 18

---

43. The number of Zeroes at the end of the Number
   1 X 2 X 3 X 4 X ------ X 20,is

A. 6
B. 10
C. 15
D. 18

QID: 314

Marks: 4

44. The cost of 5 kg apples is ₹744 and the cost of 4 kg mangoes is ₹480.what is the total cost of kg apples, 8 dozen oranges and 8 kg mangoes?

A. ₹1416

B. ₹2136

C. ₹1826

D. ₹2756

QID: 315

Marks: 4

45. Pawan bought a second hand TV for)₹ 5856. In These transactions, his gain Was

A. 20%

B. 21%

C. 22%

D. 24%

QID: 316

Marks: 4

46. There are 120 students in a hostel and there are food provisions that last out if 3 more students join the growth .

A. 30 days

B. 22 days

C. 20 days

D. 17 days

QID: 317

Marks: 4

47. If an item sold at ₹1292 after giving a discount of 15 % then the market price of the

A. 20%

B. 25%

C. 33.33%

D. 30

QID: 318

Marks: 4

48. What smallest number should be subtracted 3142 to get a perfect square?

A. 5

B. 6

C. 7

D. 8

Print ID: 2024111813136900

49. If alphabets A,B,C,------are represented by number 2,3----------, the value of $\sqrt{z-A}$, is.

A. 5

B. 4

C. 7

D. 11

50. 6kg of metal A and 24kg of metal B are melt together to form an alloy. The percentage of metal A inn the alloy is

A. 20%

B. 25%

C. 33.33%

D. 30%

1.When electric current is passed through the copper sulphate solution?

A. Copper gets deposited on an electrode connected to the positive terminal of the battery.

B. Copper gets deposited on the electrode connected to the negative terminal of the battery

C. No reaction takes place.

D. Copper gets positively deposited either on or on the negative terminal of the battery.

3.Which of the following gases has the highest concentration in the atmosphere?

A. Oxygen

B. Carbon dioxide

C. Nitrogen

D. Sulphur dioxide

4. Global warming is not responsible for

A. increase in sea level

B. more severe storms

C. increased droughts

D. more earthquakes

5.Identify the multicellular microorganism from the following.

A. Bacteria　　　　B. Aspergillus
C. Paramecium　　D. Penicillium

Choose the correct option from the following

○ **A.** A only

○ **B.** A and B only

○ **C.** B,C and D only

○ **D.** B and only

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2. Match the following

Heavenly Body	Characteristics
A.Orion	1.Smallest objective revolving around sun between mars and jupiter
B.Comet	2.Brightest star in The sky located Close to orion
C.Sirus	3.A constellation can be seen during Winter time in late Evenings.
D.Asteroid	4.An object which Revolves sound Elliptical orbit and has a bright head and a tai.

Choose the correct option from the answers given below.

○ **A.** A-III, B-IV, C-I, D-II

○ **B.** A-III, B-IV, C-II, D-1

○ **C.** A-IV,B-I, C-II, D-I

○ **D.** A-III, B-II, C-IV, D-I

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6. Math List I with List II

6List -1	List-2
A. coke	1.obtained during the Process of coal to
B.coal Tar	2.almost Pure Form to Carbon
C.Coal Gas	3.Petroleum
D.Petrol	4.Naphthalene balls

Choose the correct option from the answers given below.

○ **A.** A.I, B-II,C-I, D-IV

○ **B.** A-II, B-IV, C-III,D-I

○ **C.** A-II,B-IV, C-I, D-III

○ **D.** A-III,B-II,C-IV,D-I

7. A combustible substance catches fire/burn as long as its temperature is its ignition temperature.

A. Higher than

B. Lower than

C. more than

D. Equal to or lower than

8.Which of the following is/ are present only in plant cells?

A. Cell membrane   B. Cell wall

C. Chloroplast   D. Nuclear membrane

Select the correct answer using the code given below.

A. B and C

B. A and D

C. B

D. C

---

9. Given below are the different stages in the life cycle of frogs. Arrange them in order of occurrence

A. Fertilisation   B. Tadpole

C.Laying of eggs   D.Development of embryo

Choose the correct option from the following,

A. A,C,B,D

B. C,A,D,B

C. C,B,D,A

D. D,A,C,B

---

10. Which source book keeps an endangered record of all animals and plants?

A. Blue Data Book

B. Green Data Book

C. Read Data Book

D. White Data Book

11.Identify the endemic flora of the Pachmarhi Biosphere Reserve from the following.

- A. Bison and flying squirrel
- B. Bison and sal
- C. Sal and wild mango
- D. flying squirrel and wild mango

12.When fertilisation does not occur then the released egg and thickened lining of the uterus is shed off. It is called

- A. Pregnancy
- B. Menarche
- C. Menopause
- D. Menstruation

13.Increase in height during puberty depends on

- A. genes
- B. inherited from mother only Eating right kind of exercise food and exercise
- C. exercise and genes inherited from parents
- D. eating right kind of food and genes inherited from parents

14. Consider the following statements.

A. Endocrine glands release hormones into the bloodstream to reach a target site.
B. Hormones are not chemical substances. Select the correct given below answer using the code.

- A. Only A is correct
- B. Only B is correct
- C. A and B are correct
- D. Neither A nor B is correct

15.The magnitude of the power of an earthquake is expressed on a scale called

- A. Richter scale
- B. Vernier scale
- C. Ratio scale
- D. Graphic scale

16. Calorific value of a fuel is expressed in

A. Joule

B. (kJ/kg)

C. Kilo Joule

D. Kilo joule/m2

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17. Tin cans are made by electro tin on to iron because tin

A. is less reactive than iron.

B. is more reactive than iron.

C. does not react with iron.

D. and iron both are least reactive.

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18. Arrange the rolling sliding and static friction in stage increasing order of friction and choose the correct option.

A. Rolling, static, sliding

B. Rolling, Sliding, Static

C. Static, Sliding, Rolling

D. Static, Rolling, Sliding

19.Which of the following is not a Rabi crop?

A. Wheat

B. pea

C. Mustard

D. Paddy

---

20. Identify the methods for replenishing soil with nutrients from the following.

A. Growing different crops alternately
B. Usage of manures.
C. Sowing healthy seeds.
D. Growing legumes as fodder in one season and wheat crop in the next season.

Choose the correct option from the following.

A. A,C and D

B. A,B and D

C. A and D

D. B and C

QID: 217

Marks: 2

21. The bulb of the dropper immersed in water is pressed. When the pressure is released water gets filled in the dropper.
This happens due to

A. Force of water

B. Force of gravity

C. Pressure of water

D. Atmospheric pressure

QID: 218

Marks: 2

22. An oscillating body is making 360 oscillations in 3 minutes. its frequency in hertz will be

A. 120

B. 2

C. 20

D. 12

QID: 219

Marks: 2

23. A person who is standing 2m in front of plane mirror, seems to be .... m away from his image

A. 2m

B. 4m

C. 0.5

D. 1m

QID: 220

Marks: 2

24. Which of the following statements are not true for metals?

A. Metals are good conductors of heat and electricity.
B. The Property of metals by which they can be beaten into thin sheets is called ductility.
C . Metals produce ringing sounds so they are said to be sonorous.
D. In general metallic oxides are acidic in nature.

   Choose the correct option from below.

A. B and C

B. Thermosetting plastics

C. B and D

D. A,B and D

QID: 221

Marks: 2

25. Polythene and PVC are examples of

A. Thermoplastics

B. Thermosetting Plastic

C. Melamine

D. Bakelite

Directions (Q. Nos. 96-100) Read the passage carefully and answer the questions given below

The Walt Disney Company became the first major media company to ban advertisements for candy bars and junk food on its television channels, radio stations and websites, to stop food manufacturers from peddling nutritionally challenged fattening junk for kids. The band covers foods with too much sugar, "too much salt or a full meal with more than 600 calories. Predictably, The outraged public said that banning smoking in public places and artery blocking trans guzzling comfort drinks by the litres was almost a human right violation.

It seems most people are not just happy choosing their own poison. They also want it in super- sized does, guaranteed to kill sooner than later, for after tobacco use, obesity is the biggest public health bugbear that triggers more avoidable diseases and deaths than malnutrition. overweight and obesity are the lending causes for global deaths, killing 2.8 million adults each year. world wide obesity has more than doubled since 1980. The reasons for poor lifestyle choices are many, with almost all driven by socio- economic causes

such as low education, and limited income. Like killer infection, obesity and the resultand type-2 diabetes affect the poor more than affluent, largely because processed and fast food are cheaper and take less or no time to prepare than healthy home cooked meals. Limiting food choices, however, is not enough.

The need is not to get children off their

chairs and into the playgrounds. Too much screen time, largely social- networking followed by online and video gaming and television, are making healthy children fat and putting them at risk of type-2 diabetes in the second decade of their lives. The lifestyle disease that interferes with the way the body metabolises glucose typically affects people in their fifties and sixties and is linked with a host of complications.

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18.Obesity affects ………. More than the affluent.

○ **A.** The middle class   ○ **B.** The educated

○ **C.** The educated   ○ **D.** The sick

19..'Limiting food choices, however, isn't enough. Choose the synonym of underlined word

○ **A.** Restricting   ○ **B.** Calculating

○ **C.** Ignoring   ○ **D.** Restructuring

20..Choose the correct option. The antonym of ' miser' is

○ **A.** Rich   ○ **B.** Strong

○ **C.** Popular   ○ **D.** Generous

21. What did the Walt Disney Company bar?

- **A.** Candy
- **B.** Junk food
- **C.** The foods were healthy
- **D.** Advertisement for candy bars and junk food

22. .What was the purpose behind the ban?

- **A.** The food was unhealthy.
- **B.** The food was healthy.
- **C.** The food was cheap.
- **D.** The foods were costly

23. Choose the correct meaning of the following idiom.
   'A wolf in a sheep's clothing'

- **A.** A very relatable person
- **B.** A week person
- **C.** A fair and honest person
- **D.** A dangerous person pretending to be a harmless person

24. Choose the correct option indicating the meaning of the given sentence.
   She is too slow to be a runner.

- **A.** She is so slow to be a runner
- **B.** She is slow to run
- **C.** She is so slow that she cannot be a runner
- **D.** She is too slow, 'she couldn't be a runner

1. He is/the carpenter/who/made my chair
   (A)　　(B)　　　(C)　　　(D)

- **A.** A
- **B.** B
- **C.** C
- **D.** No error

2..Change the given sentence to indirect narration. Rita said to me, "I never eat junk food."

- A. Rita told me that she never ate junk food.
- B. Rita said to me that she never eats junk food.
- C. Rita said that she never ever eats junk food.
- D. Rita told me that I never ate junk food

3.Change the given sentence to indirect narration. they said to Rahul, "we are watching cricket."

- A. They said Rahul, That they are watching cricket.
- B. They told Rahul that they were watching cricket
- C. They told Rahul that they are watching cricket.
- D. They told Rahul that they have been watching cricket

4.Superlative degree of 'top' is

- A. Topest
- B. Topmost
- C. Toppest
- D. Most Top

5.Choose the correct question tag for the following sentence.
It is quite hot outside today?

- A. is it
- B. isn't it
- C. doesn't it
- D. aren't it

6.. Fill in the blank. Neither she------he was present in the class.

- A. nor
- B. or
- C. and
- D. but

7. fill in the blank.
She lost her daughter

○ **A.** Hello!

○ **B.** Alas!!

○ **C.** Look

○ **D.** Hurrah

8..Choose the most appropriate option. Reema is too generous not to help the needy.

○ **A.** Reema is so generous not to help the needy.

○ **B.** Reema is no generous that she can help the needy.

○ **C.** Reema is so generous enough to help the needy.

○ **D.** Reema is so generous she will help

9.Change the given sentence to passive voice. people speak different languages all over the world.

○ **A.** Different languages are spoken all over the world.

○ **B.** Different languages were being spoken all over the world.

○ **C.** Different languages was spoken all over the world.

○ **D.** Different languages were spoken all over the world.

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10. Choose the correct meaning of the given idiom / phrase. 'Helter skelter'

○ **A.** Natural and simple

○ **B.** Here and there

○ **C.** Merits and demerits

○ **D.** Arrogant and naughty

11.Choose the correct meaning of the following idiom. 'A wolf in a sheep 's clothing'

○ **A.**)A very relatable person

○ **B.** A weak person

○ **C.** A fair and honest person

○ **D.** A dangerous person pretending to be a harmless person

12.Choose the correct option from the following. Her uncle who ......to her was ......

○ **A.** had been kind, dead

○ **B.** was dead, kind

○ **C.** has been kind, dead

○ **D.** is dead ,kind

---

13. Fill in the blank with correct preposition
I saw him climbing .... the tree to pluck mangoes

○ **A.** upon

○ **B.** on

○ **C.** up

○ **D.** over

---

14. Choose the correct spelt word.

○ **A.** Autonomus

○ **B.** Autonomous

○ **C.** Autonemous

○ **D.** Autenomus

15.Choose the correct sentence having an adverb.

○ **A.** He waited long for me.

○ **B.** He went on a long journey

○ **C.** He come by an flight.

○ **D.** He is of my near relation

16.Change into passive voice. 'Please don't disturb me.'

○ **A.** You are requested not to disturb me.

○ **B.** You are requested not disturb me.

○ **C.** Please do not disturb me.

○ **D.** You are requested do not disturb me.

17..Fill in the blank with correct conjunction. She is rich..... She is not content.

A. since   B. yet

C. as   D. while

Question: 100 of 151   QID: 324   Marks: 2

25.Choose the correct conjunction for the following sentence.
   This is the ring.........she gifted me.

A. beside   B. where

C. that   D. if

Question: 101 of 151   QID: 222   Marks: 2

1. Math List I with List II

   List-1   List-2
   A.Prejudice customs etc   1.Difference in Language food
   B.Stereotype   2.Judging People 'Negative'
   C.Discrimination   3.Fixing people into one image
   D.Diversity   4.Inequality

   Choose the correct option from the answers given below;

A. A -II B-II, C-III,D-IV   B. A-II,B-III,C-IV,D-I

C. A -III B-II C-I,D-IV   D. A-IV,B-III,C-II,D-I

Question: 102 of 151   QID: 223   Marks: 2

2.Which of the following is the main work of Patwari?

A. Maintaining law and order   B. Measuring land and keeping lang records

C. Maintaining accounts of the villagers   D. Settles disputes of the villagers

---

Question: 103 of 151   QID: 224   Marks: 2

3. Which of the following is a human made resource?

A. Technology   B. Water

C. Copper   D. Natural gas

4. Which of the following is not a component of maps?

○ **A.** Distance

○ **B.** Direction

○ **C.** Plan

○ **D.** Scale

5.Which of the following is not a natural ecosystem?

○ **A.** Forest

○ **B.** Sec

○ **C.** Aquarium

○ **D.** Desert

6.Where are mushroom rocks found ?

(a) Valleys

○ **A.** Valleys

○ **B.** Glaciers

○ **C.** Hills

○ **D.** Deserts

7. Which of the following is formed by the material carried by glaciers?

○ **A.** Flood plains

○ **B.** Moraines

○ **C.** Beach

○ **D.** Loess

8.Which of the following are the key features of the Constitution of India?

A. Federalism,
B. Parliamentary form of Government,
C. Separation of Powers. Select the correct answer by using the given below.

○ **A.** A and B only

○ **B.** B and C only

○ **C.** A and C only

○ **D.** A, B and C

9.Oxbow lakes are found in

○ **A.** Mountains   ○ **B.** Deserts

○ **C.** Glaciers   ○ **D.** River valley

---

10. Match List I with List II

List-1   List-2
A.Biotic   1.Rivers,Lakes,Seas,Oceans
B.Hydrosphere   2.Thin layers of air
C.Atmosphere earth   3.Hard top Layers
D.Lithosphere Organisms   4.The World of Living

Choose the correct option from the answers given below.

○ **A.** A -I, B-II, C-III, D-IV   ○ **B.** A-II,B-III,C-I,D-II

○ **C.** A-III, B-I, C-II,D-IV   ○ **D.** A-IV,B-I,C-II,D-III

11.Who began a campaign against the practice of sati?

○ **A.** Raja Ram Mohan Roy   ○ **B.** Ishwarchandra Vidyasagar

○ **C.** Jyotirao Phule   ○ **D.** Shri Narayana Gara

---

14. Match List I with List II.

List -I   List-II

A. Sukta   I.slave
B. Chariots   IIScarifice
C. Yasa   III.Used in battles
D. Dasa   IV.Well Said

Choose the correct option from the answers given below.

○ **A.** A-II,B-IV,C-III,D-I   ○ **B.** A-IV,B-I,C-III,D-II

○ **C.** A-III,B-II,C-IV,D-I   ○ **D.** A-IV,B-III,C-II,D-I

15. Where is Gangri glacier?

○ **A.** Assam

○ **B.** Mizoram

○ **C.** Ladakh

○ **D.** Uttarakhand

16. Which one of the following may be called a 'dwarf' planet?

○ **A.** Pluto

○ **B.** Saturn

○ **C.** Mercury

○ **D.** Venus

17. Where was the Harappan city of Dholavira located?

○ **A.** Rajasthan

○ **B.** Rann of kutch

○ **C.** Gulf of Khambhat

○ **D.** Punjab

18. Which of the following is a conventional source of energy?

○ **A.** Biogas

○ **B.** Firewood

○ **C.** Solar energy

○ **D.** Wind energy

19. Arrange the following steps of terrace farming in chronological order.

A. The Sides Of each plot are raised to retain water.
B. They cultivate rice on it.
C. The land on a hill slope is made into flat plots.
D. Plots are carved out in steps.

○ **A.** A,B,C,D

○ **B.** B,C,D,A

○ **C.** D,B,C,A

○ **D.** C,D,A,B

20.For how many years is a Gram Panchayat elected?

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

21.Which of the following soldiers was hanged to death on 29th March, 1857?

- A. Bhagat Singh
- B. Rajguru
- C. Sukhdev
- D. Mangal Pandey

22.Where were the Mughal emperor Bahadur Shah Zafar and his wife Begum Zinat Mahal sent to prison?

- A. Delhi
- B. Meerut
- C. Rangoon
- D. Lucknow

23. Which of the following books contain the ideas of Chanakya?

- A. Upanishads
- B. Arthashastra
- C. Yog Darshan
- D. Prashasti

24.Who created the sacred space Dhamsal?

- A. Baba Guru Nanak
- B. Kabir
- C. Tukaram
- D. Eknath

25. What is the Place called ' where a river flows into another water body' called?

- A. River's mouth
- B. Delta
- C. Basin
- D. Tributary

12.Where is the Tata Iron and Steel Company situated?

- A. On The banks of Hooghly River
- B. On the bank of son River
- C. On the banks of Ganges
- D. On the banks of Subarnarekha

13.When was the English Education Act introduced?

- A. 1735
- B. 1800
- C. 1835
- D. 1870

4.Find the missing number.
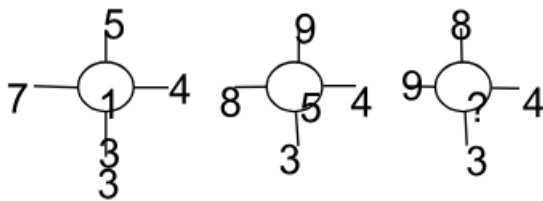
- A. 12
- B. 14
- C. 15
- D. 18

5..Find the next pattern in the sequence

A.

B.

C.

D.
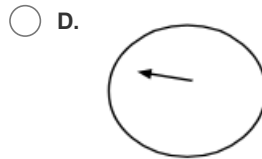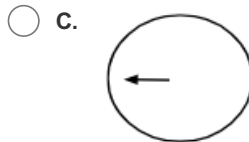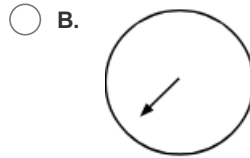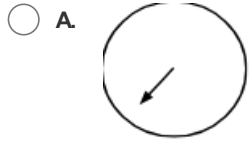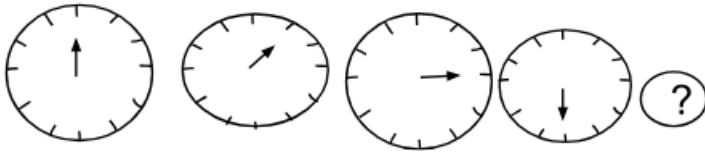
6. Complete the following analogy. 3:11::7:?

A. 42
C. 38
B. 29
D. 51

7.Complete the following analogy. Y:2::7:?

A. 9
C. 8
B. 7
D. 12

8..A number is greater than 3 but less than 8.Also, it is greater than 6 but less than 10. the number is

A. 5
C. 7
B. 6
D. 8

9. If Delhi can be coded as CCIDD, how would you Code Bombay?

A. AJMTVT

B. AMJXVS

C. MJXVSU

D. WXYZAX

10.Amit is standing in the North of Bob who is in the west of Chetan on a ground . The position of Amit with respect to Chetan is in the direction

A. East

B. North-west

C. North- South

D. North

11.Complete the analogy. MAN:PDQ::WAN:?

A. NAW

B. ZDQ

C. YDQ

D. YQD

12.Complete the analogy. 25: 125:: 36:?

A. 126

B. 206

C. 216

D. 318

13. Find the odd one out.

A. Pen

B. Sharpener

C. Scale

D. Stationery

14.How many such 5's are there in the following number sequence each of which is immediately preceded by 3 or 4 but not immediately followed by 8 or 9? 35954553584567357554523

- A. 3
- B. 4
- C. 5
- D. 6

---

15 .4,12,30,68,146

- A. 360
- B. 286
- C. 304
- D. 464

---

16. Find the missing number out of the options given below.


```
 0 | 7
---+---
 ? | 26
```

- A. 45
- B. 60
- C. 63
- D. 76
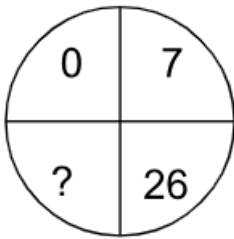
17.Arrange the following in a logical order.

(a) Day
(b) Week
(c) Second (d) Minute
(e) Hour

Choose the correct answer from the options given below.

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

18.Complete the analogy. Lizard :Reptile::Whale:?

○ **A.** Rodent

○ **B.** Amphibian

○ **C.** Mammal

○ **D.** Ocean

---

19. Find the missing number in the following Series 1,9,25,49,?,121

○ **A.** 64

○ **B.** 81

○ **C.** 91

○ **D.** 100

---

20. Arrange the following in the chronological order

.(a) Birth   (b). Death
(c). Funeral   (d). Marriage
(e). Education

 Choose the correct answer from the options given below.

○ **A.** A,E,D,C,B

○ **B.** A,C,D,E,B

○ **C.** A,E,D,B,C

○ **D.** A,E,B,D,C

21.Find the odd one out.

○ **A.** BCD

○ **B.** KMN

○ **C.** GHI

○ **D.** WXY

22.Anil, Bobby, Chetan, Deepak and Elen are five friends. Anil is shorter than Bobby but taller than Elen. Chetan is the tallest. Deepak is shorter than Bobby and taller than Anil. Who is in the middle with respect to their heights?

○ **A.** Sunday

○ **B.** Saturday

○ **C.** Tuesday

○ **D.** Monday

23 .JI:K2:L3:M4…..?

A. N2

B. N7

C. O8

D. N5

24. Find the odd one out.

A. 13

B. 17

C. 37

D. 63

25.Find the missing number.
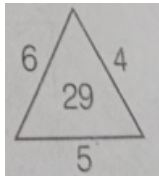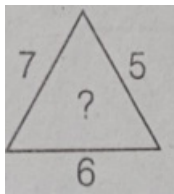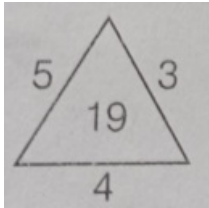

A. 25

B. 37

C. 41

D. 47

STUDY BOX DOON
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ANSWER KEY

1 (c) 2 (c) 3 (b) 4 (b) 5 (c) 6 (b) 7(a) 8 (b) 9 (c) 10 (a)
11 (c) 12 (c)13 (c) 14 (a) 15 (d) 16 (c) 17 (a) 18 (d) 19 (b) 20 (c)
21 (d) 22 (c) 23 (c) 24 (c) 25 (d) 26 (b) 27 (d) 28 (c) 29 (b) 30(c)
31 (c) 32 (b) 33 (a) 34 (d) 35 (c) 36 (d) 37 (d) 38 (c)39 (d) 40 (c)
41 (b) 42 (b) 42 (b) 44 (b) 45 (c)46 (c) 47 (c) 48 (a) 49 (b) 50 (a)
51 (c) 52 (c) 53 (d) 54 (d) 55 (a) 56 (d) 57(c) 58 (d) 59 (b) 60 (c)
61 (b) 62 (b) 63 (b) 64 (c) 65 (d)66 (b) 67 (c) 68 (c) 69 (d) 70 (c)
71 (b) 72 (c) 73 (b) 74 (c)75 (d)76(d) 77(*) 78(b) 79(b) 80(c)
81(b) 82(c) 83(a) 84(b) 85(b) 86(a) 87(b) 88(d) 89(a) 90(c)
91(b) 92(a) 93(a) 94(b) 95(c) 96(a) 97(d) 98(d) 99(a) 100(d)
101(d) 102(b) 103(c) 104(d) 105(d) 106(c) 107(b) 108(a) 109(b) 110(c)
111(c) 112(d) 113(d) 114(a) 115(a) 116(b) 117(a) 118(b) 119(d) 120(a)
121(d) 122(b) 123(b) 124(c) 125(a) 126(b) 127(b) 128(a) 129(c) 130(c)
131(d) 132(b) 133(d) 134(d) 135(d) 136(a) 137(d) 138(c) 139(d) 140(c)
141(a) 142(b) 143b() 144(d) 145(d) 146(d) 147(c) 148(b) 149(a) 150(a)

A.   ....   B.   ...
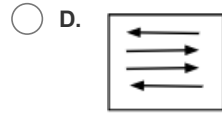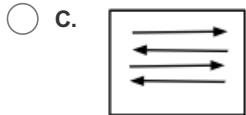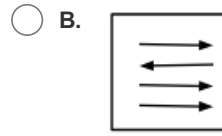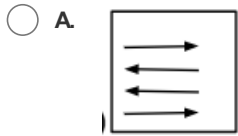

1..Find the next pattern in the sequence.
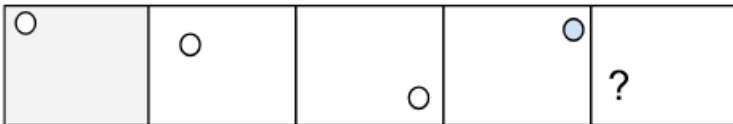
A.

B.

C.

D.

2.Replace the question mark in the following series

A.

B.

C.

D.

Question: 151 of 151 QID: 250 Marks: 2
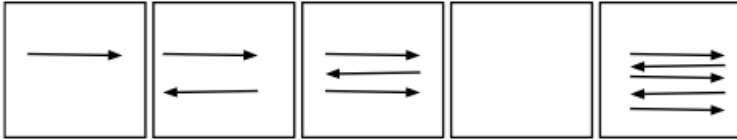
3. Arrange the following words as per order in the dictionary.

A. Consume   B.Consciousness   C.Consequence   D.Conservation
E. Consequence

 Choose the correct answer from the options given below.

A. C,B,A,E,D

B. C,A,B,E,D

C. C,E,B,D,A

D. C,B,E,D,A

--- END OF QUESTION PAPER ---