GENERAL AWARENESS–100G

(For I YEAR UG STUDENTS)

FIRST SEMESTER

OBJECTIVE TYPE QUESTIONS

NAME : 

ROLLNO. : 

CLASS : 

On Line - Edition: 2020
OURSOURCEOFINSPIRATION

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GENERAL STUDIES – I
SKILL BASED SUBJECT
SUBJECT NAME: GENERAL AWARENESS
SUBJECT CODE: 100 G

SYLLABUS
PART – A (DESCRIPTIVE TYPE) – FOR WRITTEN EXAM
Based on issues of Socio-economic development and general importance such as

2. Books are our best friends.
3. Happiness–key to success.
4. The power of Music.
5. Pros and Cons of new technologies.
7. Social networking and Youth.
8. Time Management.
11. Unemployment in India
12. Social Media Impact
13. Environmental Awareness
14. Youth Problems
15. Cyber Crime
16. Child Trafficking
17. Water Scarcity
18. Black Money
19. Illiteracy
20. Anti-Socialism
PART – B (MULTIPLE CHOICE QUESTIONS) - FOR ONLINE EXAM

1. Verbal Aptitude
2. Numerical Aptitude
3. Abstract Reasoning
4. Tamil and other Literature
5. General Science and Technology
6. Computer
7. Economics and Commerce
8. Social Studies
9. Sports
10. Current Affairs
General Awareness-100G

EXAMINATION PATTERN

I. CONTINUOUS ASSESSMENT: 25 MARKS

MCQ (ONLINE EXAMINATION) = 10 MARKS
ATTENDANCE = 5 MARKS
ASSIGNMENT = 10 MARKS

II. TERM END EXAMINATION: 75 MARKS

DURATION: 1hr. 45 mins.

PART A – WRITTEN EXAMINATION - DESCRIPTIVE TYPE QUESTIONS

DURATION: 1 Hour
MARKS: (5X5=25 marks)
OPEN CHOICE - WRITE ANY 5 QUESTIONS FROM 8 QUESTIONS

(Questions will be taken based on the syllabus prescribed for descriptive type questions)

PART B - ONLINE EXAMINATION - MULTIPLE CHOICE QUESTIONS

DURATION: 45 Mins
MARKS: (100X0.5=50 Marks)
From 500 Questions in the Question Bank
1. VERBALAPTITUDE

In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence.

1. Extreme old age when a man behaves like a fool
   A. Imbecility
   B. Senility
   C. Dotage
   D. Superannuation
   Answer: C

2. That which cannot be corrected
   A. Unintelligible
   B. Indelible
   C. Illegible
   D. Incorrigible
   Answer: D

3. The study of ancient societies
   A. Anthropology
   B. Archaeology
   C. History
   D. Ethnology
   Answer: B

4. A person of good understanding, knowledge and reasoning power
   A. Expert
   B. Intellectual
   C. Snob
   D. Literate
   Answer: B

5. A person who insists on something
A. Disciplinarian  
B. Stickler  
C. Boaster  
D. Orator  
**Answer: B**

6. State in which the few govern the many is  
   A. Monarchy  
   B. Oligarchy  
   C. Plutocracy  
   D. Autocracy  
**Answer: B**

7. A style in which a writer makes a display of his knowledge  
   A. Pedantic  
   B. Verbose  
   C. Pompous  
   D. Ornate  
**Answer: A**

8. Her thinking leans ____ democracy.  
   A. with  
   B. towards  
   C. for  
   D. None of these  
**Answer: B**

9. He got too tired _____ over work.  
   A. because of  
   B. because off  
   C. on  
   D. for  
**Answer: A**

10. _____ his principles, he has to be very careful.
A. with regard of  
B. with regard on  
C. with regard to  
D. None of these  

Answer: C

11. Building has been built _____ the new plan.
A. accordance to  
B. in accordance with  
C. for  
D. about  

Answer: B

12. He crossed the broken bridge _____ warning.
A. in spite of  
B. in spite off  
C. on  
D. about  

Answer: A

13. The train _____ as fast as the bus.
A. went  
B. running  
C. moves  
D. going  

Answer: C

14. He was seen _____ to the school.
A. went  
B. going  
C. gone  
D. go
15. She ____ in the sun for 1 hour.
A. sitting
B. has been sitting
C. has been sit
D. has sit
Answer: B

16. ____ it help you in your studies ?
A. will
B. was
C. is
D. are
Answer: A

17. I ____ never seen such a picture before.
A. did
B. was
C. have
D. has
Answer: C

18. Words of same sound is?
A. homonemes
B. Antonyms
C. Homonyms
D. None of these
Answer: C

19. Sounding the same but spelt differently?
A. Symphonious
B. Homophonous
C. Synonyms
D. Samonymous

Answer: B

20. Choose the correct answer
A. My friend has got a new job.
B. My friend has got a new work.
C. My friend is got a new job.
D. My friend did got a new job.

Answer: A

21. Choose the correct sentence.
A. Do you like a glass of water?
B. Would you like a glass of water?
C. Would you like the glass of water?
D. Do you like the glass of water?

Answer: B

22. Antonym of Imperil?
A. Safeguard
B. Endanger
C. Hazard
D. Jeopardise

Answer: A

23. Antonym of Inscrutable?
A. Baffling
B. Obvious
C. Confuse
D. Reduce

Answer: B

24. Antonym of Rabid?
A. Frantic
B. Sober
C. Chaos
D. Vulgar

**Answer: B**

25. Antonym of Ravenous?

A. Greedy
B. Very Hungry
C. Assuaged
D. None of these

**Answer: C**

26. She has no interest _____ politics.

A. On
B. In
C. With
D. To

**Answer: B**

27. She is your neighbor.

A. Is She?
B. Was She?
C. Isn’t she?
D. Were she?

**Answer: C**

28. It is time you _____ home.

A. Go
B. In
C. Has gone
D. Went

**Answer: D**

29. I want _______ information.
A. Father
B. Further
C. Fathor
D. Furher

**Answer:** B

30. Of the two sisters Susie is the __________
   A. Elder
   B. Eldest
   C. Older
   D. Oldest

**Answer:** B

31. The child has been missing _____ yesterday.
   A. To
   B. For
   C. On
   D. Since

**Answer:** D

32. We _____ learning English since six months.
   A. Has
   B. Have been
   C. Learned
   D. Learn

**Answer:** B

33. Neither Peter nor James _____ there.
   A. Was
   B. Were
   C. Has
   D. Have

**Answer:** A
34. This movie is ___ interesting.
   A. Too
   B. To
   C. Very
   D. For
   Answer: C

35. I Knew _____ I had made a mistake.
   A. If
   B. That
   C. To
   D. whether
   Answer: B

36. He spends more ____ he earns
   A. Then
   B. Than
   C. When
   D. What
   Answer: B

37. ____ She mends her ways she will land in trouble
   A. If
   B. Unless
   C. Neither
   D. Can
   Answer: B

38. Politics _____ a complicated business.
   A. Was
   B. Were
   C. Is
   D. Are
39. The police ______ the thief.
   A. Has
   B. Have
   C. Was
   D. Were
   Answer: B

40. Ten miles __ a long way to walk.
   A. Were
   B. Are
   C. Is
   D. Too
   Answer: C

41. I _____ tired
   A. feel
   B. am feel
   C. were
   D. am felt
   Answer: A

42. I Have difficulty ______ dates and numbers.
   A. Remembering
   B. In remembering
   C. To remember
   D. Remember
   Answer: B

43. She ___ her skirt to match her blouse.
   A. Died
   B. Dyeing
   C. Dying
44. I ______ down on the couch yesterday.
   A. Lay  
   B. Lied  
   C. Layed  
   D. Lie  
   Answer: A

45. The train ______ at 6.30.
   A. Departs  
   B. Leaves  
   C. Stops  
   D. Signals  
   Answer: A

46. It looks ______ it is starting to rain.
   A. As  
   B. As if  
   C. Like  
   D. If  
   Answer: C

47. I will be there at 6 o’clock _____
   A. Sharp  
   B. Sharply  
   C. Correct  
   D. Correctly  
   Answer: A

48. I ___ an e-mail right now.
   A. Will write
49. It will be fine ___ you do it the way I told you.
   A. As like
   B. As could
   C. So as
   D. As long as
   Answer: D

50. My green pencil ___ on the floor
   A. Am
   B. Are
   C. Were
   D. Is
   Answer: D
2. NUMERICAL APTITUDE

1. A positive number which when added to 1000 gives a sum, which is greater than it is multiplied by 1000. The positive integer is___
   A.1
   B. 2
   C. 3
   D.4
   **Answer: A**
   **Explanation:**
   In positive numbers it is possible only with the number 1 not with any other number.(1000+1 > 1000*1).

2. 16 children are to be divided into two groups A and B of 10 and 6 children. The average percent marks obtained by the children of group A is 75 and the average percent marks of all the 16 children is 76. What is the average percent marks of children of group B?
   A.76.77
   B. 77.66
   C.66.77
   D.67.66
   **Answer: B**
   **Explanation:**
   \[16*76 = 1216 – (10*75) = 466\]
   Average for 6 = 466/6 = 77.66

3. A person invested Rs.5000 at some rate (simple interest) and 4000 at 1% higher rate of interest. If the interest in both the cases is equal after 4 years. What is the rate of interest in former case?
   A.1
   B. 2
   C. 3
   D.4
   **Answer: D**
   **Explanation:**
   \[I = \text{Simple Interest} = \frac{Pnr}{100}\]
   \[(5000*r*4)/100 = (4000*(r+1)*4)/100\]
   \[200r= 160r+160\]
   \[5r= 4r+4\]
   \[r=4\]

4. The average marks of girls in a class is 62.5. The average marks of 4 girls among them is 60. The average marks of remaining girls is 63, then what is the number of girls in the class?
   A.42
   B. 24
   C. 34
   D.44
   **Answer: B**
   **Explanation:** Let X be the total no.of.girls in the class
\[62.5X = 240 + (X-4)63\]
\[62.5X = 240 + 63X - 252\]
\[-0.5X = -12\]
\[X = 24\]

5. A charity arranges a bike race. 120 people take part. \(\frac{1}{3}\) of the people finished the race in under half an hour. How many people finished the race in 30 minutes or more?

A. 40
B. 120
C. 80
D. 60

Answer: C  
Explanation:  
\(\frac{120}{3} = 40 \times 2 = 80\)

6. A family of 4 split the cost of all the household bills equally. The water bill was Rs.80.40, the gas bill was Rs.35 and the electric bill was Rs.40. The rent for the month was Rs.490. How much does each member of the family put towards covering all the bill costs?

A. 161.25
B. 191.35
C. 161.35
D. 161.50

Answer: C  
Explanation:  
\(\frac{80.40 + 35 + 40 + 490}{4} = 645.4 \div 4 = 161.35\)

7. If \(a\) is an odd number, which of the following is an even number?

A. \(2a + 7\)
B. \(2a + 3\)
C. \(2a + 1\)
D. \(2a - 4\)

Answer: D  
Explanation:  
a is an odd number, but \(2a\) is even. Note that (even+even) or (even-even) gives even number.

8. A chair is bought for Rs.1950 and sold at Rs.2340. what is the gain percent.

A. 20%
B. 25%
C. 30%
D. 35%

Answer: A  
Explanation:  
Gain = Rs.(2340-1950) = Rs.390  
Gain % = \(\frac{390}{1950} \times 100 = 20\%\)
9. If a radio is purchased for Rs.490 and sold for Rs.465.50. What is the loss %?
   A.25%
   B.5%
   C.15%
   D.35%
   Answer: B
   Explanation:
   Loss = 490 - 465.5 = 24.5
   Loss % = (24.5/490)*100 = 5%

10. 1,1,4,8,9,27 what will be the next 2 numbers?
    A.16,64
    B.61,46
    C.35,46
    D.46,35
    Answer: A
    Explanation:
    1^2 = 1, 1^3 = 1
    2^2 = 4, 2^3 = 8
    3^2 = 9, 3^3 = 27
    4^2 = 16, 4^3 = 64

11. Riya earns Rs.12 per hour for gardening. If she worked 25 hours this month and spent 1/3 of her earnings for rent, What is her savings for this month?
    A.Rs.100
    B.Rs.200
    C.Rs.300
    D.Rs.400
    Answer: B
    Explanation:
    Total money earned = 12*25 = Rs.300
    Money spent on rent = 300/3 = 100
    Thus the savings for the month = 300-100 = Rs.200

12. Madan is sixth from the left and Prabhu is tenth from the right end in a row of boys. If there are eight boys between Madan and Prabhu, how many boys are there in the row?
    A.22
    B.24
    C.26
    D.42
    Answer: B
    Explanation:
    Clearly, number of boys in the row = (6+10+8) = 24

13. Sam ranked sixteenth from the top and twenty ninth from the bottom among those who passed an examination. Six boys did not participate in the competition and five failed in it. How many boys were there in the class?
    A.35
    B.45
    C.50
    D.60
    Answer: C
    Explanation:
    Total boys in the class = (16+29)-(6+5)+2 = 35
D. 55
Answer: D
Explanation:
Number of boys who passed = (15 + 1 + 28) = 44
Total number of boys in the class = 44 + 6 + 5 = 55

14. If 7(x - 2) = 3x - 2 what is the value of x?
A. -4
B. 2
C. 4
D. 3
Answer: D
Explanation:
7(x - 2) = 3x - 2
7x - 14 = 3x - 2
4x = 12
x = 12/4 = 3

15. If 9/8 = 12/x, then which of the following equals x?
A. 2/3
B. 3/2
C. 16/9
D. 32/3
Answer: D
Explanation:
9/8 = 12/x
(9/8) * (1/12) = 1/x
(9/96) = 1/x
(3/32) = 1/x
x = 32/3

16. The numbers are in the ratio 2: 3 such that the difference of their square is 125. The numbers are____
A. 15, 10
B. 10, 15
C. 12, 18
D. 18, 12
Answer: B
Explanation:
Let the two numbers be 2x and 3x
Then (3x)^2 - (2x)^2 = 125
9x^2 - 4x^2 = 125
5x^2 = 125
x^2 = 125/5 = 25
x = 5
Therefore the two numbers are 10(2*5), 15(3*5)

17. Sam and Joan are playing a tennis match. If the probability of Sam’s win is 0.59, then choose the probability of Joan’s win.
18. In a lottery, there are 10 prizes and 25 blanks. A lottery is drawn at random. What is the probability of getting a prize?
   A. $\frac{1}{10}$
   B. $\frac{2}{5}$
   C. $\frac{2}{7}$
   D. $\frac{5}{7}$
   Answer: C
   Explanation:
   \[ P(\text{getting a prize}) = \frac{10}{10+25} = \frac{10}{35} = \frac{2}{7} \]

19. David purchased a house for Rs. 75000 and a site for Rs. 15000 respectively. If he sold the house for Rs. 83000 and the site for Rs. 10000, then what is the resultant percentage of gain?
   A. 30% 
   B. $\frac{330}{3} \%$
   C. $\frac{31}{3} \%$
   D. 3.33%
   Answer: D
   Explanation:
   \[ \text{Cost price} = 90000, \text{Selling price} = 93000 \]
   \[ \text{Gain} = \text{SP} - \text{CP} = 93000 - 90000 = 3000 \]
   \[ \text{Gain \%} = \left(\frac{3000}{90000}\right) \times 100 = 3.33\% \]

20. Solve the equation for x: \(19(x+y) + 17 = 19(-x+y) - 21\)
   A. -1 
   B. -2 
   C. -3 
   D. -4 
   Answer: A
   Explanation:
   \[ 19x + 19y + 17 = -19x + 19y - 21 \]
   \[ 38x = -38 \]
   \[ x = -1 \]

21. A and B can together complete a piece of work in 4 days. If A alone can complete the same work in 12 days, in how many days can B alone complete that work?
25. The difference between a number and its three-fifth is 50. What is the number?

A. 75

26. Answer: C

Explanation:
Let the number be x
7x - 15 = 2x + 10
5x = 25
x = 5

27. Answer: A

Explanation:
Let the number be x
32x + 20 = 30x + 80
2x = 60
x = 30
B. 100
C. 125
D. None of these
**Answer: C**

**Explanation:**
Let the number be $x$
Then, $x - \frac{3}{5} x = 50$
$\frac{2}{5} x = 50$
$x = \left(\frac{50*5}{2}\right) = 125$

26. Solve $(x+1)(x-3) = 0$
A. -1, 3
B. 2, 3
C. -1, 5
D. -1, 6
**Answer: A**

**Explanation:**
$(x+1)(x-3) = 0$
$x+1 = 0$, $x-3 = 0$
$x = -1$, $x = 3$

27. The product of two consecutive odd numbers is 4623. Which is the greater of the two numbers?
A. 66
B. 69
C. 68
D. 67
**Answer: B**

**Explanation:**
$x(x+2) = 4623$
$x^2 + 2x - 4623 = 0$
After factorisation,
$(x-67)(x+69)=0$
$x=67$, Greater odd number $= x+2 = 67+2 = 69$

28. Solve for $x$: $x^2 - 3x - 10 = 0$
A. 2, 5
B. 5, -2
C. 4, 7
D. 8, 9
**Answer: B**

**Explanation:**
$x^2 - 3x - 10 = 0$
After factorisation
$(x-5)(x+2)$
x - 5 = 0 or x + 2 = 0
x = 5 or x = -2

29. If $7^{(x-y)} = 343$ and $7^{(x+y)} = 16807$, What is the value of $x$?
A. 4
30. If $3^{(x-y)} = 27$ and $3^{(x+y)} = 243$, then $x$ is equal to:
A. 0
B. 2
C. 4
D. 6
Answer: C
Explanation:

$$3^{(x-y)} = 27 = 3^3$$
$$x-y = 3 \quad \text{(Equation 1)}$$

$$3^{(x+y)} = 243 = 3^5$$
$$x+y = 5 \quad \text{(Equation 2)}$$
by solving both the equations

$$x= 4 & y=1$$

31. Find $3*2-9+7$
A. 5
B. 4
C. 3
D. 8
Answer: B
Explanation:

$$3*2-9+7 = 6-9+7 = -3+7 = 4$$

32. What is 45% of 500?
A. 225
B. 230
C. 250
D. 245
Answer: A
Explanation:

$$500\times(45/100) = 500\times0.45 = 225$$

33. A radio is bought for Rs.780 and sold at Rs.650. What is the loss percent?
A. 15.67%
B. 16.67%
C. 17.67%
D. 18.67%
Answer: B
34. The reciprocal of $\frac{3}{9}$ is ______?
   A. $\frac{9}{3}$
   B. $\frac{1}{3}$
   C. $\frac{1}{9}$
   D. $\frac{9}{1}$
   **Answer: A**
   **Explanation:**
   The reciprocal of $x$ can be obtained by $\frac{1}{x}$. But when the fractional value is given, the numerator and the denominator will be interchanged to get its reciprocal (by doing $\frac{1}{x}$).
   Therefore, the reciprocal of $\frac{3}{9}$ is $\frac{9}{3}$.

35. The average of 7 consecutive numbers is 20. The largest of these numbers is____.
   A. 21
   B. 22
   C. 23
   D. 24
   **Answer: C**
   **Explanation:**
   Let the numbers be $x$, $x+1$, $x+2$, $x+3$, $x+4$, $x+5$ and $x+6$.
   Then $\frac{(x+(x+1)+(x+2)+(x+3)+(x+4)+(x+5)+(x+6))}{7}=20$
   $7x+21=140$
   $x=17$
   Therefore, the largest number is $(x+6)=17+6=23$.

36. The average age of 30 boys of a class is equal to 14 yrs. When the age of the class teacher is included the average becomes 15 yrs. What is the age of the class teacher?
   A. 45
   B. 40
   C. 35
   D. 38
   **Answer: A**
   **Explanation:**
   Total ages of 30 boys = $14 \times 30 = 420$ yrs.
   Total ages when class teacher is included = $15 \times 31 = 465$.
   Therefore, the age of class teacher = $465-420 = 45$ yrs.

37. Which of the following number gives 240 when added to its own square?
   A. 15
   B. 16
   C. 18
   D. 20
   **Answer: A**
   **Explanation:**
   $15^2 + 15 = 225 = 15 = 240$. 

**Explanation:**
Loss = CP-SP = 780-650 = Rs.130
Loss % = (130/780)*100 = 16.67%
38. All natural numbers and 0 are called the _____ numbers.
   A. Whole
   B. Prime
   C. Rational
   D. None of these
   Answer: A
   Explanation:
   Whole numbers starts from 0, 1, 2, 3, 4, ..., etc.,

39. 1⁰ is equal to _____.
   A. -1
   B. 0
   C. 1
   D. None of these
   Answer: C
   Explanation:
   Anything power 0 will equals to 1 always.

40. Complete the sequence 10, 13, 16, ......, 22.
   A. 17
   B. 18
   C. 19
   D. 20
   Answer: C
   Explanation:
   The numbers in the sequence are increased by 3. So, the missing number is 16 + 3 = 19.

41. In words number 14 can be written as ______.
   A. Fortin
   B. Fourtin
   C. Forteen
   D. Fourteen
   Answer: D

42. 6-(5-3) + 10 = ______.
   A. 14
   B. 17
   C. 21
   D. 27
   Answer: A
   Explanation:
   6-(5-3) + 10 = 6-2+10 = 4+10 = 14.

43. The simplest form of 1.5 : 2.5 is ______.
   A. 6:10
   B. 15:25
   C. 0.75:1.25
   D. 3:5
   Answer: D
44. A clock seen through a mirror shows quarter past three. What is the correct time shown by the clock?
   A. 3.15
   B. 8.45
   C. 9.15
   D. 9.45
   **Answer: B**

45. Tom was not at school on Saturday last. He was first absent for four days before that. Today is Monday, the 31st of October. When was Tom first absent? Give the day and date.
   A. Monday, Oct.24
   B. Tuesday, Oct.25
   C. Wednesday, Oct.26
   D. Thursday, Oct.27
   **Answer: B**

46. A clock shows the time as 12.20. What is the angle the hour hand makes with the minutes hand?
   A. 100
   B. 110
   C. 120
   D. 130
   **Answer: B**

47. Which number should come in place of both the question mark(?)?
   \( (?)/81 = 144 / (?) \)
   A. 108
   B. 972
   C. 1296
   D. 11664
   **Answer: A**
   **Explanation:**
   \( (?)/81 = 144 / (?) \)
   \( 108/81 = 144/108 \)
   \( 1.33 = 1.33 \)

48. What percentage should be added to 40 to make it 50?
   A. 15
   B. 25
   C. 75
   D. 80
   **Answer: B**
   **Explanation:**
   10 should be added to 40 to make it 50. 10 is \( \frac{1}{4} \) th that is 25% of 40.

49. How many lines can be drawn through two points?
   A. 1
50. When we multiply an exact number by zero what will be the exact answer?
   A. The exact number
   B. Cannot be multiplied
   C. Zero
   D. None of these.
   Answer: C
   Explanation:
   If a number is multiplied by zero then it results in zero itself.
3. ABSTRACT REASONING

Arrange the words given below in a meaningful sequence:


A. 5, 1, 2, 4, 3
B. 4, 2, 1, 5, 3
C. 1, 3, 2, 4, 5
D. 1, 2, 3, 5, 4
Answer: C


A. 3, 1, 2, 4, 5
B. 1, 2, 4, 3, 5
C. 5, 4, 3, 2, 1
D. 3, 1, 4, 5, 2
Answer: D


A. 4, 1, 5, 2, 3
B. 4, 1, 3, 5, 2
C. 4, 2, 5, 1, 3
D. 4, 1, 5, 3, 2
Answer: D


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

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

   Answer: A


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

   Answer: D


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

   Answer: C


   A. 2, 4, 5, 1, 3
   B. 2, 4, 3, 5, 1
   C. 2, 4, 1, 5, 3
   D. 2, 4, 5, 3, 1
A. 5, 2, 1, 3, 4
B. 2, 5, 1, 4, 3
C. 2, 5, 1, 3, 4
D. 2, 5, 3, 1, 4
Answer: C

A. 1, 3, 4, 5, 2
B. 2, 3, 5, 4, 1
C. 2, 3, 4, 1, 5
D. 3, 2, 4, 5, 1
Answer: D

Below in each of the questions are given two statements I and II. These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statements. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.

11. Statements:
I. Standard of living among the middle class society is constantly going up since part of few years.
II. Indian Economy is observing remarkable growth.
A. Statement I is the cause and statement II is its effect.
B. Statement II is the cause and statement I is its effect.
C. Both the statements I and II are independent causes.
D. Both the statements I and II are effects of independent causes.
E. Both the statements I and II are effects of some common cause.
Answer: A

12. Statements:
I. The staff of Airport Authorities called off the strike they were observing in protest against privatization.

II. The staff of Airport Authorities went on strike anticipating a threat to their jobs.

   A. Statement I is the cause and statement II is its effect.
   B. Statement II is the cause and statement I is its effect.
   C. Both the statements I and II are independent causes.
   D. Both the statements I and II are effects of independent causes.

   **Answer: D**

13. Statements:
   I. Importance of Yoga and exercise is being realized by all sections of the society.
   II. There is an increasing awareness about health in the society particularly among middle ages group of people.

   A. Statement I is the cause and statement II is its effect.
   B. Statement II is the cause and statement I is its effect.
   C. Both the statements I and II are independent causes.
   D. Both the statements I and II are effects of independent causes.

   **Answer: B**

14. Statements:
   I. Many people visited the religious place during the week-end.
   II. Few people visited the religious place during the week days.

   A. Statement I is the cause and statement II is its effect.
   B. Statement II is the cause and statement I is its effect.
   C. Both the statements I and II are independent causes.
   D. Both the statements I and II are effects of some common cause

   **Answer: D**

15. Statements:
   I. The literacy rate in the district has been increasing for the last four years.
II. The district administration has conducted extensive training programme for the workers involved in the literacy drive.

A. Statement I is the cause and statement II is its effect.
B. Statement II is the cause and statement I is its effect.
C. Both the statements I and II are independent causes.
D. Both the statements I and II are effects of independent causes

Answer: B

In each of the following questions find out the alternative which will replace the question mark:

16. CUP : LIP :: BIRD : ?
   A. BUSH
   B. GRASS
   C. FOREST
   D. BEAK
   Answer: D

17. Paw : Cat :: Hoof : ?
   A. Lamb
   B. Elephant
   C. Lion
   D. Horse
   Answer: D

18. Ornithologist : Bird :: Archaeologist : ?
   A. Islands
   B. Mediators
   C. Archaeology
   D. Aquatic
   Answer: C
19. Peacock : India :: Bear : ?
   A. Australia
   B. America
   C. Russia
   D. England
   **Answer: C**

20. Conference : Chairman :: Newspaper : ?
   A. Reporter
   B. Distributor
   C. Printer
   D. Editor
   **Answer: D**

21. Master : OCUVGT :: Labour : ?
   A. NCDQWT
   B. NDERWT
   C. NBERWT
   D. NEDRWT
   **Answer: A**

22. Microphone : Loud :: Microscope : ?
   A. Elongate
   B. Investigate
   C. Magnify
   D. Examine
   **Answer: C**

23. Melt : Liquid :: Freeze : ?
   A. Ice
   B. Condense
C. Solid
D. Force
Answer: C

24. Cloth : Mill :: Newspaper : ?
A. Editor
B. Reader
C. Paper
D. Press
Answer: D

25. Country:President:State: ?
A. Governor
B. M.P
C. Legislator
D. Minister
Answer: A

In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose the word which is different from the rest.

26. A. Cap  B. Turban  C. Helmet  D. Veil
Answer: D

27. A. Curd  B. Butter  C. Oil  D. Cheese
Answer: C

28. A. Cumin  B. Groundnut  C. Cinnamon  D. Pepper
Answer: B

29. A. Biscuit  B. Chocolate  C. Cake  D. Bread
30. A. Asia    B. Argentina    C. Africa    D. Australia

Answer: B

31. The total of the ages of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago?
A. 71 years    B. 72 years    C. 74 years    D. 77 years

Answer: A

32. A is 3 years older to B and 3 years younger to C, while B and D are twins. How many years older is C to D?
A. 2    B. 3    C. 6    D. 12

Answer: C

33. 12 year old Manick is three times as old as his brother Rahul. How old will Manick be when he is twice as old as Rahul?
A. 14 years    B. 16 years    C. 18 years    D. 20 years

Answer: B

34. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series: 120, 99, 80, 63, 48, ?
A. 35    B. 38    C. 39    D. 40

Answer: A

35. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series: 3, 10, 101, ?
A. 10101    B. 10201    C. 10202    D. 11012

Answer: C

36. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series: 3, 4, 7, 13, 13, 21, 22, 31, 34, ?
A. 42    B. 43    C. 51    D. 52
37. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series: 198, 194, 185, 169, ?

A. 92  B. 112  C. 136  D. 144

Answer: D

38. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series: 6, 12, 21, ?, 48

A. 33  B. 38  C. 40  D. 45

Answer: A

39. Choose the appropriate answer for the following questions:

A train always has

A. Rails  B. Drivers  C. Guard  D. Engine

Answer: D

40. Which one of the following is always found in 'Bravery'?  

A. Experience  B. Power  C. Courage  D. Knowledge

Answer: C

41. A song always has

A. Word  B. Chorus  C. Musician  D. Rhythm

Answer: A

42. What is found necessarily in milk?

A. Cream  B. Curd  C. Water  D. Whiteness

Answer: D

43. A Car always has
A. Driver       B. Wheels       C. Bonnet       D. Bumper

Answer: B

44. Danger always involves
A. Enemy       B. Attack       C. Fear       D. Help

Answer: C

45. A Disease always has
A. Cure       B. Germs       C. Cause       D. Patient

Answer: C

46. What is necessarily found in race?
A. Competitors       B. Spectators       C. Judge       D. Prizes

Answer: A

47. A hill always has
A. Trees       B. Height       C. Animals       D. Water

Answer: B

48. Controversy always involves
A. Dislikes       B. Injustice       C. Disagreement       D. Passion

Answer: C

49. What is necessary in a newspaper?
A. Date       B. Advertisement       C. Editor       D. News

Answer: D

50. Which of the following is always associated with Tree?
A. Flowers       B. Leaves       C. Fruits       D. Roots

Answer: D
4. Tamil and other Literature

1. Name the first epic in Hindi literature?
   A. Chand Bardai
   B. Sharanagath
   C. Mantra
   D. Vapasi
   **Answer: A**

2. Name the first newspaper in Hindi literature?
   A. Dainik
   B. Dinamani
   C. Rajbhasha
   D. Udant Martand
   **Answer: D**

3. Who is the author of the novel Maila Anchal?
   A. Phanishwarnath Renu
   B. Premchand
   C. Mahadevi Varma
   D. Nirala
   **Answer: A**

4. Agni ki Udaan is an autobiography of ............
   A. Indira Gandhi
   B. A. P. J. Abdul Kalam
   C. Subhash Chandra Bose
   D. Pranab Mukherjee
   **Answer: B**
5. __________ was a French philosopher.
A. Jean Paul Sartre
B. Julie Petri
C. Emma Watson
D. Gérard Depardieu

Answer : A

6. The current president of France is __________.
A. Angela Merkel
B. Ram Nath Kovind
C. Emmanuel Macron
D. Donald Trump

Answer : C

7. The French Society is divided into __________ estates.
A. 1
B. 3
C. 2
D. 4

Answer : B

8. “Les Miserables” is written by __________.
A. Guillaume Apollinaire
B. Victor Hugo
C. Voltaire
D. Albert Camus

Answer : B

9. The French National Day is celebrated on __________.
A. 10th February
B. 13th September
C. 14th July
D. 2nd June

Answer : C

10. The French National Anthem is written by __________.
A. Albert Camus
B. Montesquieu
C. Rouget de Lisle
D. Alexander Dumas

**Answer : A**

11. The poem “Le Pont Mirabeau: is written by ____________.
A. Molière
B. Albert Camus
C. Voltaire
D. Guillaume Apollinaire

**Answer : D**

12. The river that passes through Paris is ____________.
A. Loire
B. Seine
C. Rhine
D. Garonne

**Answer: B**

13. The French King who was known as the “Sun King” is ____________.
A. Louis XIV
B. Charles IX
C. Francis II
D. James II

**Answer : A**

14. The National flower of France is ____________.
A. Iris
B. Rose
C. Lily
D. Tulip

**Answer : C**

15. The colors in the French National flag are ____________.
A. blue, white and red
B. white, red and blue
C. red, white and blue
D. red, green and white

**Answer : A**
16. The capital of France is ____________.
   A. Hong Kong  
   B. Beijing  
   C. Paris  
   D. New York  
   **Answer: C**

17. The Eiffel Tower was constructed by ____________.
   A. Marcel Proust  
   B. Gustave Eiffel  
   C. Jean Nouvel  
   D. Claude Nicolas  
   **Answer: B**

18. The official name of France in French is ____________.
   A. République Française  
   B. France  
   C. Francis  
   D. French Republic  
   **Answer: A**

19. The motto of France is ____________.
   A. Liberty, equality and fraternity  
   B. Equality, fraternity and liberty  
   C. Fraternity, equality and liberty  
   D. Equality and fraternity  
   **Answer: A**

20. 'Chudalamuthu' and his son 'Mohanan' are characters in:
   A. 'Naalu Kettu' by MT Vasudevan Nair  
   B. 'Mucheettu kalikkarante makal' by Vaikkom Muhammad Basheer  
   C. 'Thottiyude makan' by Thakazhi Sivasankara Pillai  
   D. 'Aarachaar' by K R Meera  
   **Answ**

21. 'Mandan Muthappa' is a character created by:
   A. Vaikkom Muhammad Basheer  
   B. Thakazhi  
   C. P Kesavadev
22. 'Mandan Muthappa' is a character created in:
   A. Premalekhanam
   B. Bhoomiyude avakaasikal
   C. baalyakaala sakhi
   D. Mucheettu kalikkaarante makal
   Answer: D

23. Which one of the following is a Main Character in the Novel Chemmeen by Thakazhi?
   A. Narayani
   B. Karuthamma
   C. Hakkeem
   D. Sumangala
   Answer : B

24. Majeed and Suhara are characters in:
   A. Prema lekhanam
   B. Odayil Ninnu
   C. Ummaachu
   D. Baalyakaala sakhi
   Answer: D

25. Which one of the novel written by MT Vasudevan Nair has a character named 'Appunni'? 
   A. Randamoozham
   B. Kaalam
   C. Naalu kettu
   D.uravithu
   Answer: C

26. Which one of the following novel depicts jail life before Indian independence?
   A. Adhikaram
   B. Delhi
   C. Aarachaar
   D. Mathilukal
   Answer: D

27. Who wrote 'Uppu' which won Vayalar Award?
   A.O N V Kuruppu
B. S K Pottekkattu
C. Uroob
D. Kovilan

Answer: A

28. Who among the following is famous for his travelogues?
A. P Kesavadev
B. M T vasudevan Nair
C. S K Pottekkattu
D. Kakkanadan

Answer: C

29. The 'Demon Seed' is the English translation of a novel written by:
A. M T vasudevan Nair
B. Vaikkom Mohammed Basheer
C. Mukundan
D. VThakazhi

Answer: A

30. Vaikkom Mohammed Basheer was born at:
A. Beypore
B. Thalayolapparambu
C. Sultan Battery
D. Thalasseri

Answer: B

31. In which novel written by Malayattur Rama Krishnan, Raghu is a character?
A. Yakshi
B. Verukal
C. Odayil Ninnu
D. Shabdangal

Answer: B

32. Uroob is the pen name of:
A. Kamala Das
b. P Kunjananthan Nair
C. K E Mathaayi
D. P C Kuttikrishnan

Answer: D
33. The pen name of P Kesava Pillai is
   A. P Kesava Dev  
   B. Uroob  
   C. Kovilan  
   D. Parapurath
   **Answer:** A 

34. Kamala Surayya is daughter of:
   A. Sugatha Kumari  
   B. Madhavikkutti  
   C. Balamaniyamma  
   D. R Leela Devi
   **Answer:** C 

35. The famous Rama bhakti kavi is
   A. Tulsi  
   b. Surdas  
   C. Rahim  
   D. Kabir
   **Answer:** D 

36. Who conducted the “India” newspaper?
   A. Suthanandha Bharathi  
   B. Kannadhasan  
   C. Bharathiyar  
   D. Bharathithasan
   **Answer:** C 

37. Where was Sundharar Born?
   A. Thiruvadhavur  
   B. Thirunavalur  
   C. Thirunarayur  
   D. Thiruthalur
   **Answer:** B 

38. What is the meaning of koan?
   A. King
B. Minister
C. Soldier
D. Poet

Answer: A

39. How many Alvars are there?
A. 11
B. 12
C. 13
D. 14

Answer: B

40. Who composed “Periyapuranam”?
A. Nambiyandar Nambi
B. Sekkizhar
C. Ottakuthar
D. Thirumular

Answer: B

41. Who is the daughter of Madhavi?
A. Kannagi
B. Kayasandigai
C. Devandhi
D. Manimegalai

Answer: D

42. Which book was written by Thirumular?
A. Thirupattu
B. Thiruvasagam
C. Thirumandhiram
D. Thiruvisaipa

Answer: C

43. Whose history is considered as Seerapuranam?
A. Allah
B. Nabigal
C. Yesu
D. Umarupulavar

Answer: B
44. Which child was fed by cow?
   A. Udharan
   B. Thayabaran
   C. Aabuthiran
   D. Indhiran

   **Answer: C**

45. The flag of the Pandian King is---
   A. Fish
   B. Tiger
   C. cock
   D. cat

   **Answer: A**

46. The author of Silapathikaram is ----
   A. Elangovadikal
   B. Sathanar
   C. Thiruthakkadavar
   D. Seeththalaisathanar

   **Answer: A**

47. Who is the author of newspaper “Ezhuthu”?
   A. C.S Chellapa
   B. W. Pichamoorthi
   C. K.P Rajagopalan
   D. Meera

   **Answer: A**

48. The original name of Kannadasan is ----
   A. Muthaiah
   B. Jeganathan
   C. Jegadesan
   D. Durairajan

   **Answer:A**

49. The Father of modern poetry----
   A. Kalki
   B. W. Pichamoorthi
   C. Meera
D. C.S Chellapa

**Answer: B**

50. What was the age of Kannagi at the time of Marriage?

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

**Answer: A**
5. General Science and Technology

1. The branch of medical science which is concerned with the study of disease as it affects a community of people is called:
   A. Epidemiology
   B. Oncology
   C. Paleontology
   D. Pathology

   **Answer: A**

   **Explanation:** Epidemiology is the study of the distribution and determinants of health-related states or events (including disease), and the application of this study to the control of diseases and other health problems.

2. What radioactive element is routinely used in treating hyperthyroidism, and in reducing thyroid activity?
   A. Iron-59
   B. Gold-198
   C. Cobalt-60
   D. Iodine-131

   **Answer: D**

   **Explanation:** Radioiodine therapy is a nuclear medicine treatment for an overactive thyroid, a condition called hyperthyroidism, and also may be used to treat thyroid cancer. When a small dose of radioactive iodine I-131 (an isotope of iodine that emits radiation) is swallowed, it is absorbed into the bloodstream and concentrated by the thyroid gland, where it begins destroying the gland’s cells.

3. When the food is directly given in the veins, it is called ______ nutrition.
   A. Parenteral
   B. Enteral
   C. Intravenous
   D. Saline

   **Answer: A**

   **Explanation:** Parenteral nutrition is given to people directly in their veins. The food is in its most basic form, like Amino Acids instead of protein pulses, and can be absorbed by the body directly. It is given when the person is unconscious, has had an operation in the GI tract etc.

4. The Statue of Liberty is green because of
   A. green stone
   B. oxidized brass
   C. steel painted green
   D. oxidized copper
Answer: D
Explanation: The statue of liberty was actually a shiny copper color. But the statue changed from its shiny copper color to a dull brown, and finally to its blue-green color of today. Oxidation reactions happen when an atom loses an electron to another atom (oxidized copper).

5. In cases of muscle fatigue, which of the Vitamin should be taken?
A. A  
B. D  
C. E  
D. K

Answer: B
Explanation: Vitamin D helps the bones and muscles in absorbing various nutrients. When the levels of Vitamin D in the body go down, the muscles feel fatigued as they are not able to absorb the nutrients. The melanin pigments of the skin in the presence of sunlight produce Vitamin D but in case the levels go down, then Vitamin D is orally taken or injected in the muscles.

6. Exposure to which light may accelerate aging?
A. Blue light  
B. Red Light  
C. Yellow Light  
D. None of the above

Answer: A
Explanation: According to Oregon State University, prolonged exposure to blue light may accelerate aging, even if it does not reach your eyes. Light which comes from the phone, computer and household is also harmful. New research suggests that the light-emitting diodes that produce blue wavelength damage cells in the brain as well as retina.

7. In which continent scientists have found particles of rare isotope of Iron?
A. Africa  
B. Antarctica  
C. Europe  
D. Australia

Answer: B
Explanation: In a recent development, scientists have found particles of a rare isotope of iron (Fe-60) in Antarctica snow. It is believed that they have been originated from nearby supernovae. It will help in understanding the structure and origin of interstellar dust clouds, according to scientists.

8. Chandrayaan-2 Mission was launched by which vehicle?
A. GSLV MkIII  
B. PSLV C11  
C. GSLV F11  
D. PSLV C45  

Answer: A

**Explanation:** Chandrayaan-2 is the second mission to the moon which was launched on 22 July, 2019 by India's Geosynchronous Satellite Launch Vehicle (GSLV Mk III). It reached lunar orbit on 19 August, 2019. Despite the crash-landing of the Lander, ISRO confirmed that all the instruments are onboard the orbiter and are working well.

9. In 2019, Nobel Prize in Chemistry is given for which development?  
A. For the development of Lithium-ion batteries.  
B. To develop protein.  
C. For developing cryoelectron microscopy.  
D. None of the above  

Answer: A

**Explanation:** The recipients of the Nobel Prize in Chemistry 2019 are John B. Goodenough, M. Stanley Whittingham and Akira Yoshino for the development of lithium-ion batteries. Do you know that this lightweight, rechargeable and powerful battery can be used in mobile phones to laptops, electric vehicles? Not only this, it can even store significant amounts of energy from solar and wind power, making possible a fossil fuel-free society.

10. Which of the following statements is/are correct regarding bipolar disorder?  
A. It is a mental health condition.  
B. Patients with this disorder undergo intense mood shifts.  
C. Patients with this disorder faces difficulties in planning and decision making.  
D. All the above are correct.  

Answer: D

**Explanation:** Bipolar Disorder is a mental health condition in which patients undergo intense mood shifts that oscillate between depression and elevated moods. After researching, scientists found that such patients carry some residual impairment in terms of processing of information even in their 'normal' phases. The study has been done by jointly researchers from the National Institute of Mental Health and Neuroscience (Nimhans), Bengaluru and All India Institute of Medical Sciences, New Delhi.

11. If thyroid gland produces too much of the thyroxine hormone then it can cause  
A. Diabetes  
B. Goitre  
C. Dry skin  
D. Tumour  

Answer: B
**Explanation:** If your body releases too much thyroxine, you will suffer a condition called thyrotoxicosis. This can cause a goiter, which is a swelling of the neck because of an enlarged thyroid gland.

12. Which of the following has highest calorific value?
   A. Wood
   B. Petrol
   C. Methane
   D. LPG

**Answer:** D

**Explanation:** LPG is an energy-rich fuel source with a higher calorific value per unit than other commonly used fuels, including coal, natural gas, diesel, petrol, fuel oils and biomass-derived alcohols. This means that an LPG flame burns hotter, an advantage that can translate into higher efficiency.

13. Zika virus was named after the Zika Forest of which country?
   A. Nigeria
   B. Angola
   C. Nicaragua
   D. Uganda

**Answer:** D

**Explanation:** Zika virus was first detected in Uganda in 1947 by the scientists when they were researching on yellow fever. Zika Virus was named after the Zika Forest of Uganda. In the local language word, Zika means overgrown. In the research, scientists came across a different and apparently harmless virus transmitted by mosquitoes to monkeys and they named it as Zika.

14. What term is used to describe the cultivation of plants without soil?
   A. Aeroponics
   B. Aquaponics
   C. Fogponics
   D. Hydroponics

**Answer:** D

**Explanation:** Hydroponics is a subset of hydroculture, which is a method of growing plants without soil by instead using mineral nutrient solutions in a water solvent. Terrestrial plants may be grown with only their roots exposed to the nutritious liquid, or the roots may be physically supported by an inert medium such as perlite, gravel, or other substrates. Despite inert media, roots can cause changes of the rhizosphere pH and root exudates can impact the rhizosphere biology.

15. According to the Researchers, the first ever stable ring of pure carbon consists of how many atoms?
   A. 18
B. 60
C. 80
D. 108

**Answer: A**

**Explanation:** Oxford University and IBM Research Labs chemists have achieved that the first ring-shaped stable molecule of pure **carbon** is a circle of 18 atoms. The work was published in a recent issue "Science". Circular carbon molecules are known as cyclocarbons and the smallest such ring comprises 18 atoms which is predicted to be stable.

16. Which of the following correctly defines “Mother-of-pearl”?
A. An oyster which yields the pearl
B. A special large sized pearl found in Japan
C. A hard iridescent substance forming the inner layer of certain shells
D. Female individuals of certain species of shelled mollusk

**Answer:C**

**Explanation:** Nacre, also known as the mother of pearl, is an organic-inorganic composite material produced by some molluscs as an inner shell layer; it also makes up the outer coating of pearls. It is strong, resilient, and iridescent. So, the correct option is A hard iridescent substance forming the inner layer of certain shells.

17. Which of the following statements is incorrect about the Lysosome?
A. It is a membrane-bound organelle found in plant as well as animal cells
B. It is also called the suicidal bag of the cell
C. It helps in the synthesis of protein
D. It acts as a dispatch station of protein products received from the endoplasmic reticulum (ER)

**Answer: D**

**Explanation:** It acts as a dispatch station of protein products received from the endoplasmic reticulum (ER)

18. How does Corona virus transmit?
A. When an infected person sneezes or cough, droplets spread in the air or fall on the ground and nearby surfaces.
B. If another person is nearby infected person and inhales the droplets or touches these surfaces and further touches his face, eyes or mouth, he or she can get an infection.
C. If the distance is less than 1 meter from the infected person.
D. All the above are correct.

**Answer. D**
Explanation: Coronavirus (COVID-19) transmits through the above-mentioned options.

19. Which of the following protects the body against infectious disease and foreign invaders?
   A. Leukocytes
   B. Red blood cells
   C. Endoplasmic reticulum
   D. Golgi apparatus
   **Answer: A**
   **Explanation:** White blood cells or WBCs are also called leukocytes. They are the cells of the immune system that are involved in protecting the body against both infectious disease and foreign invaders.

20. Hemoglobin in humans has the highest affinity for which of the following gases?
   A. Methane
   B. Carbon Monoxide
   C. Nitrous oxide
   D. Carbon dioxide
   **Answer: B**
   **Explanation:** Haemoglobin shows maximum affinity with carbon monoxide as compared to carbon dioxide and oxygen. When compared with carbon dioxide, haemoglobin has more affinity with oxygen. When haemoglobin binds with carbon monoxide, it forms carboxyhaemoglobin. It gives bright red color to the blood.

21. Which of the following is not a part of the digestive system?
   A. Small Intestine
   B. Rectum
   C. Pharynx
   D. Spleen
   **Answer: D**
   **Explanation:** The spleen plays multiple supporting roles in the body. It acts as a filter for blood as part of the immune system. Old red blood cells are recycled in the spleen, and platelets and white blood cells are stored there.

22. Which of the following is not a correct statement?
   A. One liter of cold air will be heavier than one liter of hot air
B. Bats are blind but can fly in the dark because of echolocation
C. In human body, Liver stores glucose as glycogen
D. Foot and mouth disease of cattle is a viral disease

**Answer: B**

**Explanation:** Bats hunt in the dark using echolocation, meaning they use echoes of self-produced sounds bouncing off objects to help them navigate. ... Contrary to myth, bats aren't blind.

23. What is the core objective of World Bank supported STRIVE project in India?

A. Elimination of Malaria
B. Elimination of HIV/ AIDS
C. Skill Development
D. Rural Infrastructure Development

**Answer: C**

**Explanation:** Skills Strengthening for Industrial Value Enhancement (STRIVE) project is a World Bank assisted-Government of India project with the objective of improving the relevance and efficiency of skills training provided through Industrial Training Institutes (ITIs) and apprenticeships.

24. Presence of which among the following salts in water causes “Blue Baby Syndrome”?

A. Sulphates
B. Chlorides
C. Carbonates
D. Nitrates

**Answer: D**

**Explanation:** The most common cause of blue baby syndrome is water contaminated with nitrates. After a baby drinks formula made with nitrate-rich water, the body converts the nitrates into nitrites. These nitrites bind to the hemoglobin in the body, forming methemoglobin, which is unable to carry oxygen.

25. In which of the following plants, you can find Leghemoglobin?

A. Wheat
B. Soyabean
C. Potato
D. Brinjal

**Answer: B**
**Explanation:** Leghemoglobin (also leghaemoglobin or legoglobin) is an oxygen carrier and hemoprotein found in the nitrogen-fixing root nodules of leguminous plants. It is produced by legumes (Soyabean) in response to the roots being colonized by nitrogen-fixing bacteria, termed rhizobia, as part of the symbiotic interaction between plant and bacterium.

**TECHNOLOGY**

26. What is the name for information sent from robot sensors to robot controllers?
   A. temperature
   B. pressure
   C. feedback
   D. signal

**Answer:** C

27. According to analysts, for what can traditional IT systems provide a foundation when they’re integrated with big data technologies like Hadoop?
   A. Big data management and data mining
   B. Data warehousing and business intelligence
   C. Management of Hadoop clusters
   D. Collecting and storing unstructured data

**Answer:** A

28. What is Machine learning?
   A. The autonomous acquisition of knowledge through the use of computer programs
   B. The autonomous acquisition of knowledge through the use of manual programs
   C. The selective acquisition of knowledge through the use of computer programs
   D. The selective acquisition of knowledge through the use of manual programs

**Answer:** A

29. Facebook Tackles Big Data With _______ based on Hadoop.
   A. ‘Project Prism’
   B. ‘Prism’
   C. ‘Project Big’
   D. ‘Project Data’

**Answer:** A

30. What is the form of Fuzzy logic?
   A. Two-valued logic
   B. Crisp set logic
   C. Many-valued logic
   D. Binary set logic

**Answer:** C

31. Which of the following contains the output segments of Artificial Intelligence programming?
   A. Printed language and synthesized speech
   B. Manipulation of physical object
C. Locomotion
D. All of the mentioned

Answer: D

32. ML Menu, a natural language interface for the TI Explorer, is similar to __________
A. Ethernet
B. NaturalLink
C. PROLOG
D. The Personal Consultant

Answer: B

33. What is Artificial intelligence?
A. Putting your intelligence into Computer
B. Programming with your own intelligence
C. Making a Machine intelligent
D. Playing a Game

Answer: C

34. What is Machine learning?
A. The autonomous acquisition of knowledge through the use of computer programs
B. The autonomous acquisition of knowledge through the use of manual programs
C. The selective acquisition of knowledge through the use of computer programs
D. The selective acquisition of knowledge through the use of manual programs

Answer: A

35. In language understanding, the levels of knowledge does not include
A. Phonological
B. Syntactic
C. Empirical
D. Logical

Answer: C

36. A search algorithm takes _________ as an input and returns ________ as an output.
A. Input, output
B. Problem, solution
C. Solution, problem
D. Parameters, sequence of actions

Answer: B

37. What is the primary interactive method of communication used by humans?
A. reading
B. writing
C. speaking
D. all of the mentioned

Answer: C
38. A mouse device may be ____________
A. electro-chemical
B. mechanical
C. optical
D. both mechanical and optical

Answer: D

39. The HDFS client software implements __________ checking on the contents of HDFS files.
A. metastore
B. parity
C. checksum
D. none of the mentioned

Answer: C

40. __________ support storing a copy of data at a particular instant of time.
A. Data Image
B. Datanotes
C. Snapshots
D. All of the mentioned

Answer: C

41. __________ stores its metadata on multiple disks that typically include a non-local file server.
A. DataNode
B. NameNode
C. ActionNode
D. None of the mentioned

Answer: B

42. Mapper implementations are passed the JobConf for the job via the __________ method.
A. JobConfigure.configure
B. JobConfigurable.configure
C. JobConfigurable.configurable
D. None of the mentioned

Answer: B

43. The output of the _______ is not sorted in the Mapreduce framework for Hadoop.
A. Mapper
B. Cascader
C. Scalding
D. None of the mentioned

Answer: D

44. __________ is used to read data from bytes buffers.
A. Write
B. Read
C. Read & write
D. All of the mentioned

**Answer: A**

45. Applications can use the ________ provided to report progress or just indicate that they are alive.
A. Collector
B. Reporter
C. Dashboard
D. None of the mentioned

**Answer: B**

46. When talking to a speech recognition program, the program divides each second of your speech into 100 separate __________
A. Codes
B. Phonemes
C. Samples
D. Words

**Answer: C**

47. PROLOG is an AI programming language, which solves problems with a form of symbolic logic known as predicate calculus. It was developed in 1972 at the University of Marseilles by a team of specialists. Can you name the person who headed this team?
A. Alain Colmerauer
B. Niklaus Wirth
C. Seymour Papert
D. John McCarthy

**Answer: A**

48. Programming a robot by physically moving it through the trajectory you want it to follow is called __________
A. contact sensing control
B. continuous-path control
C. robot vision control
D. pick-and-place control

**Answer: B**

49. ART (Automatic Reasoning Tool) is designed to be used on __________
A. LISP machines
B. Personal computers
C. Microcomputers
D. All of the mentioned

**Answer: A**
50. Which particular generation of computers is associated with artificial intelligence?
A. Second
B. Fourth
C. Fifth
D. Third

Answer: C
6. Computer Science

1. Who created the C Programming language?
   A. Thompson.
   B. Dennis Ritchie.
   C. Robin Milner.
   D. Frieder Nake.
   **Answer:** B

2. The binary equivalent of 2 is
   A. 10.
   B. 11.
   C. 00.
   D. 10.
   **Answer:** A

3. Who among the following is considered as the ‘father of artificial intelligence’?
   A. Charles Babbage.
   B. Lee De Forest.
   C. John McCarthy.
   D. JP Eckert.
   **Answer:** C

4. Which was the first virus detected on ARPANET, the forerunner of the internet in the early 1970s?
   A. Exe Flie.
   B. Creeper Virus.
   C. Peeper Virus.
   D. Trozen horse.
   **Answer:** B

5. One kilobyte is equal to:
   A. 1000 bytes.
   B. 100 bytes.
   C. 1024 bytes.
   D. 1023 bytes.
   **Answer:** C

6. Find out the odd one:
   A. Internet.
   B. Linux.
   C. Unix.
   D. Windows.
   **Answer:** A

7. When was the first smart phone launched?
Answer: 1992

8. Which of the following is not an example of an Operating System?
A. Windows 8.
B. BSD Unix.
C. Microsoft Office XP.
D. Red Hat Linux.
Answer: C

9. Which of the following is not an input device?
A. Mouse.
B. Light pen.
C. Keyboard.
D. VDU.
Answer: D

10. The hexadecimal number system consists of the symbols
A. 0 – 7.
B. 0 – 9, A – F.
C. 0 – 7, A – F.
D. None of these.
Answer: B

11. Java was originally invented by
A. Oracle.
B. Microsoft.
C. Novell.
D. Sun.
Answer: D

12. Expand JPEG
A. Join Photographic Excellent Group.
B. Joint Photographic Excellent Group.
C. Joint Photographic Experts Group.
D. Join Photo Experts Group.
Answer: C

13. RAM is a ______ memory.
A. Volatile.
B. Nonvolatile.
C. Both A and B.
D. None of these.
Answer: A

14. Which one of the following is an Anti-Virus Program?
A. Norton.
B. Quick heal.
C. K7.
D. All of these.  
**Answer: D**

15. HTML is a ____________ Language  
   A. Procedural.  
   B. Mark up.  
   C. Object Oriented.  
   D. Object based.  
   **Answer: B**

16. Electronics wallet refers to ___________.  
   A. Website selling electronics appliances online.  
   B. Mechanism for secure e-payments.  
   C. Wallets housing smart credit/debit cards.  
   D. Wallets fitted with electronically operated locks.  
   **Answer: B**

17. What is operating system?  
   A. Collection of programs that manages the hardware resources.  
   B. System service provider to the application program.  
   C. Link to interface the hardware and application program.  
   D. All of the mentioned.  
   **Answer: D**

18. Unsolicited commercial email is known as ________.  
   A. Spam.  
   B. Malware.  
   C. Spyware.  
   D. Virus.  
   **Answer: A**

19. The list of coded instructions is called ________.  
   A. Algorithm.  
   B. Computer program.  
   C. Utility Program.  
   D. Flowchart.  
   **Answer: B**

20. Source code that is available to view, modify and redistribute in, is called ________.  
   A. Proprietary.  
   B. Closed source.  
   C. Open source.  
   D. Licensed.  
   **Answer: C**

21. A video consists of a sequence of ____________.  
   A. Frames  
   B. Signals  
   C. Packets
D. Slots
**Answer: A**

22. A combination of an encryption algorithm and a decryption algorithm is called _________.
   A. plain text.
   B. Cipher.
   C. original text.
   D. shift cipher.
**Answer: B**

23. DBMS stands for
   A. Database Marginal System.
   B. Directory Based memory standard.
   C. Dual Bus Mask Storage.
   D. Database Management System.
**Answer: D**

24. What is the older high-level (non-assembler) programming language?
   A. C.
   B. Lisp.
   C. Fortan.
   D. Basic.
**Answer: C**

25. Which one of the following is a valid storage device?
   A. CPU
   B. Keyboard
   C. Track ball
   D. Pen drive
**Answer: D**

26. ALU stands for ____________.
   A. Arithmetic Logic Unit.
   B. Application Logic Unit.
   C. Array Logic Unit.
   D. None of above.
**Answer: A**

27. The brain of any computer system is _________.
   A. ALU.
   B. CPU.
   C. None of above.
   D. Control Unit.
**Answer: B**

28. What difference does the 5th generation computer have from other generation computers?
   A. Technological advancement.
B. Object Oriented Programming.
C. Scientific code.
D. All of the above.

**Answer: D**

29. Which of the following computer generation uses concept of artificial intelligence?
A. First Generation.
B. Second Generation.
C. Third Generation.
D. Fourth Generation.

**Answer: D**

30. When a key is pressed on keyboard, which standard is used for converting the keystroke into the corresponding bits?
A. ANSI.
B. ASCII.
C. EBCDIC.
D. ISO.

**Answer: B**

31. Which device is used as the standard pointing device in a Graphical User Environment?
A. Keyboard.
B. Mouse.
C. Joystick.
D. Trackball.

**Answer: B**

32. Which of the following is valid storage type?
A. CPU.
B. Keyboard.
C. Pen Drive.
D. Track Ball.

**Answer: C**

33. From what location are the 1st computer instructions available on boot up?
A. ROM BIOS.
B. CPU.
C. boot.ini.
D. CONFIG.SYS.

**Answer: A**

34. What could cause a fixed disk error?
A. No-CD installed.
B. Bad RAM.
C. Slow processor.
D. Incorrect CMOS settings.

**Answer: D**
35. In laser printer technology, what happens during the conditioning stage?
   A. The wire places a uniform positive charge on the paper.
   B. A uniform negative charge is placed on the photosensitive drum.
   C. A uniform negative charge is placed on the toner.
   D. All of the above.
   **Answer:** B

36. An optical input device that interprets pencil marks on paper media is
   A. O.M.R.
   B. Punch card reader.
   C. Optical scanners.
   D. Magnetic tape.
   **Answer:** A

37. Conversion of decimal number $61_{10}$ to its binary number equivalent is
   A. $110011_2$
   B. $11001110_2$
   C. $111101_2$
   D. $11111_2$
   **Answer:** C

38. The first microprocessors produced by Intel Corp and Texas Instruments were used primarily to control small __________.
   A. Microwave ovens.
   B. Washing machines.
   C. Calculators.
   D. Personal computers.
   **Answer:** C.

39. Which printer uses a combination of laser-beam & electro photographic techniques?
   A. Laser printers.
   B. Dot-Matrix.
   C. Line printer.
   D. Daisy wheel.
   **Answer:** A

40. Which protocol provides e-mail facility among different hosts?
   A. FTP.
   B. SMTP.
   C. TELNET.
   D. SNMP.
   **Answer:** B

41. Tracking based on geo-location information is _________.
   A. Location based.
   B. Markerless.
   C. Marker based.
   D. GPS.
42. OSS stands for ___________
   A. Open System Service.
   B. Open Source Software.
   C. Open System Software.
   D. Open Synchronized Software.
   Answer: B

43. Interpreter is used as a translator for?
   A. Low level language
   B. High Level Language
   C. COBOL
   D. C
   Answer: B

44. A computer assisted method for the recording and analyzing of existing or hypothetical systems is ________.
   A. Data transmission.
   B. Data flow.
   C. Data capture.
   D. Data processing.
   Answer: B

45. A modem could be attached to which port?
   A. Parallel port.
   B. ASYNC port.
   C. Keyboard connector.
   D. Video port.
   Answer: A

46. Cache memory is used in a computer system to
   A. Ensure fast booting.
   B. Replace static memory.
   C. Replace hard-disk.
   D. Speed-up memory access.
   Answer: D

47. What does EEPROM stand for?
   A. Encapsulated Erasable and Programmable Read Only Memory.
   B. Electrically Erasable and Programmable Read Only Memory.
   C. Enhanced Erasable and Programmable Read Only Memory.
   D. Error Erasable and Programmable Read Only Memory.
   Answer: B

48. Program which is readily available for computer users as a part of software package is classified as ____________.
   A. Library program.
B. Program library.
C. Software library.
D. Directory library.
Answer: A

49. Which of the following loader is executed when a system is first turned on or restarted?
A. Bootloader.
B. Compile and Go loader.
C. Bootstrap loader.
D. Relating loader.
Answer: C

50. Worldwide web was proposed by __________.
A. Bill Gates.
B. Bill Rogers.
C. Tim Berners Lee.
D. None of Above.
Answer: C
7. Economics and Commerce

Economics

1. Which company has recently partnered with the Union Ministry of Housing and Urban Affairs for the implementation of DAY-NULM scheme?
   A. Amazon
   B. Google
   C. Flipkart
   D. Microsoft
   **Answer:** C

2. What is the estimated GDP growth rate of India for 2019-20, according to Central Statistical Office (CSO)?
   A. 6.8 percent
   B. 6.4 percent
   C. 6.0 percent
   D. 5.0 percent
   **Answer:** D

3. Which Indian state has topped in the disbursements to MSMEs under Emergency Credit Line Guarantee Scheme?
   A. Uttar Pradesh
   B. Gujarat
   C. Tamil Nadu
   D. Odisha
   **Answer:** C

4. Bank Rate is defined as the rate at which:
   A. RBI lends short term loans to commercial banks
   B. a commercial bank can lend to its customers
   C. RBI lends long term loans to commercial banks
   D. the commercial banks are able to borrow overnight funds from RBI
   **Answer:** C

5. Which of the following currencies is not included in the Special Drawing Rights (SDR) Currency Basket?
   A. Indian Rupee
   B. British Pound
   C. Japanese Yen
   D. Chinese Renminbi
   **Answer:** A

6. On which of the following rates Reserve Bank of India provides loan to scheduled commercial banks?
   A. Repo Rate
   B. Reverse Repo rate
   C. Credit Rate
   D. Bank rate
Answer: D

7. Which of the following is not an example of complementary goods? (negative cross elasticity of demand. In this if the price of one item is decreased the demand for another is increased)
A. Printers and Ink Cartridges
B. Tea and Sugar
C. Mobile phones and SIM cards
D. Tea and Coffee
Answer: D

8. For which of the commodities the unit bpd is used in international trade?
A. Meat & Livestock
B. Precious Metals
C. Industrial metals
D. Crude oil
Answer: D

9. Which among the following is also called as permanent council of economic cooperation?
A. World Economic forum
B. G 8
C. G-20
D. World Trade Organization
Answer: C

10. India’s first Special Economic Zone dedicated to the Aerospace industry is located at
A. Maharastra
B. Guajarath
C. Karnataka
D. Tamilnadu
Answer: C

11. The Ad Valorem Tax is applied on which among the following?
A. The price of commodity
B. The value added
C. The advertisement expenditure
D. The unit of the commodity
Answer: A

12. Which Indian born Economist became the first woman chief economist?
A. Arundhati Bhattacharya
B. Gita Gopinath
C. Chanda Kochhar
D. None of the above
Answer: B

13. Which of the following is not the feature of a capitalist economy?
1. Restriction on Trade
2. Restriction on private property
3. No private property
Choose the correct option from the codes given below:
A. 1 and 2 only
B. 1 and 3 only
C. 2 and 3 only
D. 1, 2 and 3
Answer: D

14. What do you mean by the supply of goods?
A. Stock available for sale
B. Total stock in the warehouse
C. The actual production of the good
D. Quantity of the good offered for sale at a particular price per unit of time
Answer: D

15. What do you mean by demand of a commodity?
A. desire for the commodity
B. Need for the commodity
C. Quantity demanded of that commodity
D. Quantity of the commodity demanded at a certain price during any particular period of time
Answer: D

16. What things are taken into consideration while revising the poverty line periodically.
A. By conducting a survey every five years
B. National Sample Survey Organisation carry out the survey
C. Both a and b are taken into consideration
D. None of the above
Answer: C

17. What does Price flooring mean?
A. Shortage
B. Surpluses
C. Equilibrium
D. None of the above
Answer: B

18. The main economic problem faced by all society is.
A. Unemployment
B. Inequality
C. Poverty
D. Scarcity
Answer: D

19. The cost of one thing in terms of the alternative given up is called:
A. Real cost
B. Production cost
C. Physical cost
D. Opportunity cost
Answer: D
20. The economist’s objections to monopoly rest on which of the following grounds?
A. There is a transfer of income from consumers to the monopolist
B. There is welfare loss as resources tend to be misallocated under monopoly
C. Only A is correct
D. Both A and B are correct
Answer: D

21. A change in fiscal policy affects the balance of payments through:
A. The current account only
B. The capital account only
C. Both, the current account and capital account
D. Neither current account nor capital account
Answer: C

22. Who is the ‘lender of the last resort’ in the banking structure of India?
A. State Bank of India
B. Reserve Bank of India
C. EXIM Bank of India
D. Union Bank of India
Answer: B

23. The following is the direct tax among:
A. House tax
B. Entertainment tax
C. Service tax
D. Value Added tax
Answer: A

24. Which country was the first to adopt a gold standard in the modern sense?
A. France
B. Great Britain
C. Portugal
D. India
Answer: B

25. Which among below is the economic effect of population pressure in India?
A. Higher burden of unproductive consumers on total population
B. Disintegration of family
C. Overcrowding of cities
D. Ecological degradation
Answer: A

26. Memorandum of Association contains ________.
A. Objective clause
B. Name clause
C. Capital clause
D. All of the above
Answer: (D)
27. “Organisation is the foundation of management.” This statement is given by _________.  
A. Henry Ford  
B. Haney  
C. Keeling  
D. Lansberry Fish  
**Answer: (A)**

28. Informal organization is as necessary as formal organization chiefly for the reason that it _________.  
A. resists change  
B. builds morale  
C. has close association with decision making  
D. fulfils separate goals and standards  
**Answer: (B)**

29. Which one of the following reports should have ‘responsibility statement’ under the Companies Act, 1956?  
A. Auditor’s report  
B. Board of Director’s report  
C. Company Secretary’s report  
D. Audit Committee’s report  
**Answer: (B)**

30. Which one of the following is the most important function of a manager?  
A. Communication  
B. Directing  
C. Supervising  
D. Decision-making  
**Answer: (B)**

31. A plan when expressed in quantitative terms is called_____.  
A. Policy  
B. Procedure  
C. Objective  
D. Budget  
**Answer: (D)**

32. The number of subordinates a superior can effectively handle is called______.  
A. Cooperation  
B. Coordination  
C. Supervision  
D. Span of control  
**Answer: (D)**

33. A public company can start business_______.  
A. After incorporation  
B. After promotion  
C. After registration  
D. After getting certificate of commencement of business
Answer: (D)

34. The liability of a shareholder in a company limited by shares is ____________.
A. unlimited
B. limited by guarantee
C. limited to the unpaid value of shares subscribed by him
D. none of the above
Answer: (C)

35. ‘Garner Vs Murray’ relates to:
A. Deficiency A/c
B. Insolvency
C. Contract
D. Hire purchase
Answer: (B)

36. Acid test ratio is:
A. Current assets: current liabilities
B. Quick assets: current liabilities
C. Total assets: total liabilities
D. Fixed assets: fixed liabilities
Answer: (B)

37. MBO refers to:
A. Management by objectives
B. A technique of achieving organisational goals
C. Performance review
D. None of the above
Answer: (A)

38. The concept of Managerial Grid has been propounded by:
A. Black and Mouton
B. Likert
C. Fiedler
D. None of the above
Answer: (A)

39. Entrepreneurs are motivated by _______.
A. money.
B. personal values.
C. pull influences.
D. All the above.
Answer: (D)

40. IFCI stands for_____________.
A. Industrial finance corporation of India
B. Institutional finance corporation of India
C. Industrial funding corporation of India

D. Indian finance corporation and institution
Answer: (A)

41. ___________ is an activity-oriented approach
A. CPM
B. PERT
C. GERT
D. WASP
Answer: (A)

42. Effective cost of debentures is ____ as compared to shares
A. higher
B. lower
C. equal
D. medium
Answer: (C)

43. The term 'span of management' is also known as ____.
A. span of business
B. span of control
C. span of activity
D. span of planning
Answer: (B)

44. Depletion method is also called ________.
A. Annuity method
B. Insurance policy method
C. Output method
D. Reducing balance method
Answer: (C)

45. Insurance contract is sort of contract which is approved by
A. The Indian Contract Act
B. Indian Factory Act
C. Indian Companies Act
D. The Indian finance Act
Answer: (A)

46. Study of human population is called as ____ environment.
A. Political
B. Social
C. Demographic
D. Economic
Answer: (C)

47. When a party to a contract transfers his contractual rights to another, it is known as ____________.
A. rescission of contract
B. waiver of contract
C. discharge of contract
D. assignment of contract
48. When shares issued at premium which of the following account is credited?
A. Share premium account  
B. Share first call account  
C. Share allotment account  
D. Share forfeited account
Answer:(A)

49. Discount of issue of shares is a ________.
A. Revenue loss  
B. Capital loss  
C. Deferred revenue expenditure  
D. Direct expenses
Answer:(B)

50. The WTO Agreement related to investment measures is__.
A. TRIPS  
B. TRIMS  
C. GATS  
D. TCA
Answer:(B)
1. In India, the Human Rights Commission was established in the year
   A. 1991
   B. 1992
   C. 1993
   D. 1994

   **Answer:** C

2. The person who was named ‘Tiger of Mysore’ is
   A. Tippu Sultan
   B. Hyper Ali
   C. Sabdar Ali
   D. Fadek Hyder

   **Answer:** A

3. The science of constructing map is called
   A. Topography
   B. Demography
   C. Cartography
   D. Geography

   **Answer:** C

4. Highest Salinity is found in this waterbody
   A. Caspian sea
   B. Dead sea
   C. Lake of Uttah
   D. Van lake

   **Answer:** D

5. ‘Khajuraho’ temple was built by
   A. Sandelas
   B. Chauhans
   C. Prathiharas
   D. Rajputs

   **Answer:** D

6. The king who was praised as ‘LakBaksha’ is
   A. Qut-bu-din Ibek
   B. Nasurudeen
   C. Itumish
   D. Balban

   **Answer:** A

7. The king who invaded India many a times to capture Punjab before the third Battle of Panipet is
   A. Mohamud Ghorı
B. Auranzeb
C. Ahamed Shah Abdali
D. Gazani Mohamud

**Answer: C**

8. The Longitude that determines Indian Standard Time passes through the city of
A. Jaipur
B. Allahabad
C. Vishakapatnam
D. Jabblpur

**Answer: B**

9. The significance of ‘Great bath’ in the Harappan Civilization
A. Important water
B. Harvest water
C. Utility water
D. Holy water

**Answer: D**

10. Name of the female poets of Vedic period are
A. Niska, Panjali, Swarna
B. Prajapathi, Viswpathi, Sadamana
C. Abala, Kosa, Lobamudra
D. Garki, Maithreyi, Avvai

**Answer: C**

11. Who was called Deshbandhu?
A. Lala Lajpat Rai
B. Chandra Shekhar Azad
C. Chittarajan Das
D. Bal Gangadhar Tilak

**Answer: C**

12. What is the source of income of the Panchayats?
A. House Tax
B. Education Tax
C. Income Tax
D. Transport Tax

**Answer: A**

13. The Prime Minister whose death occurred outside India was
A. V.P. Singh
B. Chaudhary Charan Singh
C. Lal Bahadur Shastri
D. Chandra Shekhar

**Answer: C**
14. The Indian government has been following the policy of liberalization, globalization and privatization since
A. 1988  
B. 1991  
C. 1979  
D. 2001

Answer: B

15. The Naxalite movement in India got inspiration from
A. Russian Revolution  
B. French Revolution  
C. Industrial Revolution  
D. Chinese Revolution

Answer: D

16. Name the operation which flushed out the terrorists holed up inside the Golden Temple in Amritsar?
A. Operation Atish  
B. Operation Kamyab  
C. Operation Bluestar  
D. Operation Sagar

Answer: C

17. Tropical cyclones of the West Indies is
A. Typhoons  
B. Hurricanes  
C. Rita  
D. Billy Billy

Answer: C

18. The first woman to head a public sector bank is
A. Arundhati Bhattacharya  
B. Shikha Sharma  
C. Chanda Kochar  
D. Usha Ananthasubramanyan

Answer: A

19. When is the International Yoga Day celebrated?
A. March 21  
B. June 21  
C. April 22  
D. May 31

Answer: B

20. Which of the following is a judicial function of the Parliament?
A. It can impeach and remove the President out of his office  
B. It can impeach the judges of the Supreme Court
C. It can impeach the judges of the High Court of India
D. All of the above

**Answer:** D

21. Which is the oldest text in the world?
   A. Yajur Veda
   B. Atharva Veda
   C. Rig Veda
   D. Sama Veda

**Answer:** C

22. Zero was invented by
   A. Bhaskara
   B. Chanakya
   C. Aryabhata
   D. None of the above

**Answer:** C

23. Who was the founder of Indian National Congress?
   A. Anand Mohan Bose
   B. W. C. Bannerji
   C. A. O. Hume
   D. William Adam

**Answer:** C

24. The reign of Chandragupta Mauriya is from
   A. B.C. 298-273
   B. B.C. 324-299
   C. B.C. 261-236
   D. B.C. 280-255

**Answer:** B

25. Which is considered as the most ancient part of the world by historians?
   A. Gangetic Valley
   B. Southern part of mountain
   C. North Western Indian valley
   D. North Eastern part of India

**Answer:** B

26. Which of the following is India’s largest salt producing state?
   A. Rajasthan
   B. Gujarat
   C. Odisha
   D. Tamil Nadu

**Answer:** B

27. Which type of forests occupies the highest percentage of area in India?
A. Tropical deciduous  
B. Savanna and desert vegetation  
C. Equatorial evergreen  
D. Tropical Rain Forests  

Answer: A

28. India shares land borders with how many countries?  
A. Six  
B. Seven  
C. Eight  
D. Nine  

Answer: B

29. Which is the longest National Highway in India?  
A. NH-44  
B. NH-1  
C. NH-2  
D. NH-10  

Answer: A

30. Which among the following states is largest producer of Coffee in India?  
A. Tamilnadu  
B. Andhra Pradesh  
C. Karnataka  
D. Kerala  

Answer: C

31. Which port is known as Queen of Arabian Sea?  
A. Vizag port  
B. Paradip port  
C. Kochi Port  
D. Mumbai Port  

Answer: C

32. In which year First National Forest Policy issued by the Government of India?  
A. 1948  
B. 1952  
C. 1962  
D. 1968  

Answer: B

33. Which among the following is the largest river system among the Deccan system of rivers?
A. Godavari
B. Cauvery
C. Krishna
D. Periyar

Answer: A

34. Which among the following type of soil has the largest area covered in India?
A. Alluvial
B. Black
C. Red
D. Laterite

Answer: A

35. Which among the following is smallest district of India?
A. Alapuzha
B. Dausa
C. Mahe
D. Tirap

Answer: C

36. Pedology is the study of:
A. Oceans
B. Soils
C. Mountains
D. Land forms

Answer: B

37. What is the distance of the Sun from the Earth?
A. 7 light minutes
B. 8 light minutes
C. 9 light minutes
D. 10 light minutes

Answer: B

38. Which planet is known as” Bright Wandering Star”?
A. Mars
B. Venus
C. Saturn
D. Jupiter

Answer: D

39. The largest producer of rubber is__________?
A. Thailand
B. Malaysia
C. Singapore
D. India

Answer: A

40. Which of the following river crosses equator twice?
A. Nile
B. Amazon
C. Congo
D. None of the above

Answer: C

41. Who was the founder of Yoga philosophy?
A. Jaimini
B. Kapila
C. Akshapada Gautam
D. Patanjali

Answer: D

42. Which among the following dynasties is known to have given the largest grant of villages to the temples and Brahmans?
A. Prathihara
B. Guptas
C. Pala
D. Satavahana

Answer: B

43. In ancient India, which dynasty issued the largest number of Gold coins?
A. Guptas
B. Mauryas
C. Cholas
D. Nandas

Answer: A

44. On which among the following dates, the Gandhi-Irwin Pact was signed?
A. 5 March 1931
B. 6 March 1931
C. 7 March 1931
D. 8 March 1931

Answer: A
45. Which among the following was the first state in India in the pre-independence times, when the compulsory primary education was launched for the first?
A. Baroda  
B. Arcot  
C. Coorg  
D. Hyderabad

Answer: A

46. Who among the following played a dominant role in establishing the All India Trade Union Congress?
A. Basawon Singh (Sinha)  
B. Subodh Banerjee  
C. Lala Lajpat Rai  
D. Ashok Mehta

Answer: C

47. Who wrote ‘Indian War of Independence, 1857’?
A. R.C Majumdar  
B. V.D. Savarkar  
C. S.B. Chaudhary  
D. S.N. Sen

Answer: B

48. Who is often called as Hindu Luther of Northern India?
A. Dayanand Saraswati  
B. Ishwar Chandra Vidyasagar  
C. Radhakant Dev  
D. Keshav Chandra Sen

Answer: B

49. The first Individual Satyagrahi, Acharya Vinoba Bhave offered Satyagraha in which among the following way?
A. By not paying taxes  
B. By burning British Flag  
C. By making an antiwar speech  
D. By making a speech against the Viceroy of India

Answer: C

50. In which year Calcutta became Capital of British India?
A. 1768  
B. 1770  
C. 1772  
D. 1776

Answer: C
9. Sports

1. Where was India's first Day-Night Cricket Test organized?
   A. Delhi
   B. Kolkata
   C. Mumbai
   D. Chennai

   Answer: B

2. Who among the following won the gold medal in 10,000 meters race in Asian Athletics Championship, 2017?
   A. Govindan Lakshmanan
   B. Adilet Kyshtabekov
   C. Gopi Thonakal
   D. Chen Chich

   Answer: A

3. What were the mascots for the 2017 FIFA Under-17 World Cup Football Tournament played in India?
   A. SHERA
   B. BHOLU
   C. KHELEO
   D. APPU

   Answer: c

4. Which of the following teams won the final in Vijay Hazare Trophy 2018?
   A. Rajasthan
   B. Mumbai
   C. Delhi
   D. Punjab

   Answer: B

5. Archery is the national game of -
   A. Bhutan
   B. Denmark
   C. Sri Lanka
   D. Switzerland

   Answer: A

6. Who among the following has won Australian Open Men’s Singles title 2020?
   A. Roger Federer
   B. Novak Djokovic
   C. Dominic Thiem
   D. Rafael Nadal

   Answer: B
7. Who among the following Cricketer has been chosen for *ICC Best Cricketer of the Year 2019* -
   A. Rohit Sharma (India)
   B. Ben Stokes (England)
   C. Pat Cummins (Australia)
   D. Virat Kohli (India)

**Answer: B**

8. Who is the first Indian woman to win an individual Olympic medal?
   A. Karnam Malleshwari
   B. Sania Mirza
   C. P V Sindhu
   D. Saina Newal

**Answer: A**

9. *Fed Ex Cup* and *Augusta Masters* are coveted trophies of the game of -
   A. Squash
   B. Golf
   C. Billiards
   D. Hockey

**Answer: B**

10. Where was the 17th IAAF World Athletics Championship, 2019 organised?
    A. Dubai, Saudi Arabia
    B. Alhasa, Saudi Arabia
    C. Doha, Qatar
    D. Tokyo, Japan

**Answer: C**

11. Which Indian batsman was the first to hit six consecutive sixes in first-class cricket?
    A. Ravi Shastri
    B. Sunil Gavaskar
    C. Virat Kohli
    D. Sachin Tendulkar

**Answer: A**

12. Which Indian badminton player was runner-up at the 2019 Swiss Open tournament?
    A. Kidambi Srikanth
    B. Chetan Anand
    C. Sai Praneeth
    D. Parupalli Kashyap
13. Who among the following won the Italian Open Women's Tennis Singles Title 2019?
   A. Karolina Pliskova
   B. Johanna Konta
   C. Naomi Osaka
   D. Serena Williams

   **Answer: A**

14. Which one of the following is the motto of NCC?
   A. Unity and Discipline
   B. Unity and Integrity
   C. Unity and Command
   D. Unity and Service

   **Answer: A**

15. ______ has become the first bowler in the world to claim five international hat-tricks?
   A. Lasith Malinga (Sri Lanka)
   B. Jasprit Bumrah (India)
   C. Waseem Akaram (Pakistan)
   D. Shane Warne (Australia)

   **Answer: A**

16. Who won the Women Single's title in the U.S. Opens Tennis Tournament, 2018?
   A. Serena Williams
   B. AnastasijaSevastova
   C. Naomi Osaka
   D. Elena Vesnia

   **Answer: C**

17. Which Bangladesh all-rounder was the first and only cricketer to score a century and claim a hat-trick in the same test match?
   A. Mashrafe Mortaza
   B. Sohag Gazi
   C. Shakib Al Hasan
   d. Khaled Mahmud

   **Answer: B**

18. When was the first sport policy was declared by Madhya Pradesh Government?
   A. 1983
   B. 1989
19. In which year Sports Authority of India was established?

A. 1980  
B. 1985  
C. 1981  
D. 1982

**Answer: D**

20. In which year first Winter Olympics were held?

A. 1924  
B. 1928  
C. 1920  
D. 1916

**Answer: A**

21. Karnam Malleswari Won Bronze Medal in which of the following Olympics?

A. Athens, 2004  
B. Beijing, 2008  
C. Sydney, 2000  
D. London, 2012

**Answer: C**

22. The summer Olympics of 2028 will be organized at –

A. Paris  
B. Los Angeles  
C. Tokyo  
D. Moscow

**Answer: B**

23. The book *At the Close of Play* is an autobiography of –

A. Gary Kristen  
B. Yuvraj Singh  
C. Rahul Dravid  
D. Ricky Ponting

**Answer: D**

24. *Beighton Cup* is related to which of the following sport?

A. Football  
B. Hockey
C. Badminton
D. Cricket

**Answer: B**

25. Who became the first player in the history of Test Cricket to score centuries in 11 countries?

A. Virat Kohli
B. Hashim Amla
C. Younis Khan
D. Steve Smith

**Answer: C**

26. Joe Root is associated with which game?

A. Cricket
B. Chess
C. Polo
D. Golf

**Answer: A**

27. Where is Roop Singh Stadium located?

A. Gwalior
B. Indore
C. Bhopal
D. Jabalpur

**Answer: A**

28. What was the name of the Cricket World Cup played in 1987?

A. Reliance Cup
B. Benson and Hedges Cup
C. Wills Cup
D. None of the above

**Answer: A**

29. The Hopman Cup is associated with the game of –

A. Football
B. Tennis
C. Hockey
D. Badminton

**Answer: C**

30. The 2016 Kabaddi World cup was hosted by –
A. Korea  
B. Bangladesh  
C. India  
D. Pakistan

**Answer: C**

31. Who was the first women hockey player from Jharkhand to play in Olympics?

A. Asunta Lakra  
B. Nikki Pradhan  
C. Savitri Purthi  
D. Sumrai Tete

**Answer: B**

32. The *Brabourne Cricket Stadium* is situated in the Indian State of-  

A. Tamil Nadu  
B. Maharashtra  
C. Telangana  
D. West Bengal

**Answer: B**

33. First Indian woman cricketer honoured with MCC life membership is –  

A. Mithali Raj  
B. Neetu David  
C. Anjum Chopra  
D. Jhulan Goswami

**Answer: C**

34. Who was the captain of Indian Women’s Hockey team for Rio Olympics?

A. Poonam Rani  
B. Deepika  
C. Rani Rampal  
D. Sushila Chanu

**Answer: D**

35. Which of the following is the first woman cricketer who scored 6000 runs in ODIs?

A. Harmanpreet Kaur  
B. Jhulan Goswami  
C. Sushma Verma  
D. Mithali Raj

**Answer: D**

36. Which of the following Indian wrestlers clinched a Gold medal in the 65 kg category in the 2017 Asian Wrestling Championships final recently (May 2017)?
37. National Coach Curbax Singh Sandhu is associated with –

A. Women's hockey
B. Women's Boxing
C. Women's Cricket
D. Women's Basketball

**Answer: B**

38. Jitu Rai, a gold medallist in ISSF, is associated with which of the following sports?

A. Boxing
B. Wrestling
C. Cricket
D. Shooting

**Answer: D**

39. Who won the Men's Singles title in Australian Open Tennis Tournament 2017?

A. Andy Murray
B. Novak Djokovic
C. Rafael Nadal
D. Roger Federer

**Answer: D**

40. Against which of the following countries did India's men's cricket team clinch a white wash victory for the first time in an overseas tour in all the three formats (Test, ODI and T-20)?

A. New Zealand
B. South Africa
C. Sri Lanka
D. West Indies

**Answer: D**

41. In ODI cricket, who created the world record for highest number of stumpings in September 2017?

A. K. Sangakkara
B. M. S. Dhoni
C. Moin Khan
D. R. S. Kaluwitharna

**Answer: D**
42. Whom did Simona Halep defeat to win the French Open Tennis Tournament 2018?
A. Sloane Stephens
B. Serena Williams
C. Venus Williams
D. None of the above

Answer: A

43. Aanchal Thakur won India's first ever International medal in which of these sports?
A. Long Jump
B. Wrestling
C. Skiing
D. Chess

Answer: C

44. Which country has won the SAIF Suzuki Cup 2018 Football Competition?
A. India
B. Maldives
C. Sri Lanka
D. France

Answer: B

45. Which of the following tournaments is related to Tennis?
A. Davis Cup
B. I-League
C. Santosh Trophy
D. Durand Cup

Answer: A

46. Who won the Orange cap in the 2019 IPL for being the highest run scorer in the tournament?
A. Rohit Sharma
B. David Warner
C. AB de Villiers
D. Chris Gayle

Answer: B

47. Who set a new record for most number of sixes by an individual in an ODI innings?
A. Rohit Sharma
B. Eoin Morgan
C. Martin James Guptill
D. Chris Gayle
48. *Foil, Penholder Grip, Lob* are terms associated with the game of –

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

**Answer: C**

49. Saurabh Chaudhary excels in which one of the following sports?

A. Archery  
B. Shooting  
C. Boxing  
D. Judo  

**Answer: B**

50. Who won the Runners-up title of FIFA Football World Cup 2018?

A. Russia  
B. France  
C. Croatia  
D. None of the above  

**Answer: C**
1. Who received the famous ‘Sangita Kalanithi’ award of the Music Academy, recently?
   A. S. Sowmya
   B. Sudha Ragunathan
   C. Bombay Jeyashree
   D. Aruna Sairam
   **Answer: A**

2. Which Indian monument has found place in the Shanghai Cooperation Organization’s ‘8 Wonders of SCO’ list?
   A. Taj Mahal
   B. Statue of Unity
   C. Konark Sun Temple
   D. Ajanta Caves
   **Answer: B**

3. The Indian Prime Minister recently participated in the 50th anniversary of the ‘Thuglak’ magazine of which language?
   A. Telugu
   B. Kannada
   C. Tamil
   D. Malayalam
   **Answer: C**

4. Which Indian city plays host to the ‘International Children’s Film Festival’?
   A. Mumbai
   B. Kolkata
   C. Gurugram
D. Hyderabad

**Answer: B**

5. When is the ‘National Girl Child Day’ celebrated annually in India?
   
   A. January 23
   
   B. January 24
   
   C. January 25
   
   D. January 26

   **Answer: B**

6. Russia has been selected as the focal theme country of which International Book fair of India, recently?
   
   A. Delhi Book Fair
   
   B. Kolkata Book Fair
   
   C. Jaipur Book Fair
   
   D. Mumbai Book Fair

   **Answer: B**

7. When is the national Tourism day celebrated across the country?
   
   A. January 23
   
   B. January 24
   
   C. January 25
   
   D. January 26

   **Answer: C**

8. Which city plays host to the annual event ‘Bharat Parv, 2020’ which celebrates the spirit of India?
   
   A. Mumbai
   
   B. New Delhi
   
   C. Ahmedabad
D. Jaipur

**Answer: B**

9. Which web-series recently made a Guinness World Record in ‘the largest Indian Cinematic Music Band’ category?

A. No Margin for Error
B. Strike back
C. The Forgotten Army
D. Medal of Honour

**Answer: C**

10. Which country recently set a Guinness World Record for the highest altitude fashion show event ever held?

A. China
B. Nepal
C. India
D. Brazil

**Answer: B**

11. Which Indian city was recently certified formally as a World Heritage site by UNESCO?

A. Varanasi
B. Ahmedabad
C. Jaipur
D. Nagpur

**Answer: C**

12. As of 2020, how many languages in India are given the status of ‘Classical language’?

A. 4
B. 6
13. ‘Attukal Pongala’ is a famous annual women-festival of which state?
A. Tamil Nadu
B. Kerala
C. Karnataka
D. Telangana
Answer: B

14. Which film recently won the Oscar for best picture, which is also the first non-English film to win the award?
A. Les Misérables
B. Irishman
C. Parasite
D. Border
Answer: C

15. The Court of which country ordered the government to impose a ban on single use plastic?
A. Thailand
B. Vietnam
C. Nepal
D. Bangladesh
Answer: D

16. Taal Volcano, which was seen in news recently, is situated in which country?
A. Phillipines
B. Indonesia
17. Which country recently test-fired a nuclear-capable ballistic missile, named ‘K-4’, which can be launched from submarine?

A. China  
B. Russia  
C. India  
D. Israel

**Answer: C**

18. When is the International Customs Day (ICD) celebrated annually across the world?

A. January 24  
B. January 25  
C. January 26  
D. January 27

**Answer: C**

19. Which country has national emergency to tackle the attack of locust swarms?

A. India  
B. Pakistan  
C. Iran  
D. Afghanistan

**Answer: B**

20. What is the theme of the World Cancer Day 2020, recently observed across the world?

A. I can and we can  
B. I am and I will
21. Which country has donated 20 million pounds for developing vaccine to combat the deadly coronavirus?

A. United States
B. Russia
C. United Kingdom
D. France

**Answer: C.**

22. When is the ‘International Day of Women and Girls in Science’ celebrated across the world?

A. 10 February
B. 11 February
C. 12 February
D. 13 February

**Answer: B.**

23. As per the recent announcement from the US government, which technological company is developing a website to help with coronavirus test?

A. Microsoft
B. Google
C. Facebook
D. Amazon

**Answer: B.**

24. Which organisation announced on World Water Day, that between 3.5 and 4.4 billion people in the world will live with limited access to water?
A. Food and Agricultural Organization

B. United Nations

C. World Food Programme

D. World Wide Fund for Nature

**Answer: B.**

25. Which Indian newspaper that was being published in the United States for 50 years has ceased its printed edition?

A. India Abroad

B. Indians in America

C. Indian Panorama

D. Indian Diaspora

**Answer: A.**

26. Which country announced to provide $3 million assistance to India, through its ‘Partnerships for Affordable Healthcare Access and Longevity (PAHAL)’ project?

A. United Kingdom

B. United States

C. Germany

D. Japan

**Answer: B.**

27. AR500C, that was seen in news recently, is the first unmanned helicopter drone of which country?

A. North Korea

B. United States

C. China

D. Israel

**Answer: C**

28. Which country became the first in the world to make public transport free?
A. Thailand
B. Luxembourg
C. Canada
D. Brazil

**Answer: B.**

29. The Diamond Princess Cruise ship, which witnessed the largest coronavirus outbreak, is quarantined in which country?

A. Australia
B. China
C. South Korea
D. Japan

**Answer: D.**

30. World Health Organization (WHO) declared Covid-19 as a pandemic. Which disease was previously declared as pandemic by WHO?

A. H1N1 influenza
B. HIV
C. Swine Flu
D. Spanish Flu

**Answer: A.**

31. Which Indian player was named as the captain of ESPN Cricinfo’s ODI and T20 teams of the decade?

A. Virat Kohli
B. Mahendra Singh Dhoni
C. Rohit Sharma
D. Suresh Raina

**Answer: B**
32. Which country is set to host the men’s edition of the junior hockey World Cup 2021?
A. India
B. Argentina
C. France
D. Brazil
Answer: A

33. Which country’s cricket team won the Women’s T20 World Cup 2020?
A. India
B. England
C. Australia
D. South Africa
Answer: C

34. Which country has recently granted professional status to women’s football?
A. Brazil
B. United States
C. Spain
D. Argentina
Answer: C

35. Which country remains in the top spot in the latest FIFA rankings released?
A. Belgium
B. France
C. Brazil
D. England
Answer: A
36. Amazon India recently partnered with Eastern Railways, to set up a pick-up kiosk in which railway station?

A. Dum Dum junction  
B. Bidhan Nagar  
C. Sealdah  
D. Durga Nagar  

**Answer: C**

37. Which city is host to the annual World Economic Forum?

A. Geneva  
B. Davos  
C. New York  
D. Paris  

**Answer: B**

38. As of 2020, what is the Foreign Direct investment (FDI) limit, allowed in insurance intermediaries?

A. 0%  
B. 26%  
C. 49%  
D. 100%  

**Answer: D**

39. Which Indian Public sector banking launched ‘Start-up Banking’ initiative?

A. State Bank of India  
B. Bank of Baroda  
C. Punjab National Bank  
D. Bank of India  

**Answer: B**
40. ‘DigiPivot’, a skill development programme for women, is launched by which major technological company?

A. Facebook
B. IBM
C. Amazon
D. Google

**Answer: D**

41. Which is the first bank in India to launch a mobile application for opening a current account?

A. ICICI Bank
B. IndusInd Bank
C. Axis Bank
D. HDFC Bank

**Answer: B**

42. As per the World Bank’s classification, India is retained in which category of income group?

A. Low-income
B. Lower-middle income
C. Upper-middle income
D. High-income

**Answer: B**

43. India is to partner with which country in the implementation of the ‘Purvodaya’ scheme?

A. France
B. Germany
C. Japan
D. Italy

**Answer: C**
44. Which Public sector Enterprise is the implementing agency of ‘Renewable Energy Management Centre’ scheme?

A. Power Grid Corporation
B. NHPC Limited
C. NTPC Limited
D. Solar Energy Corporation of India

Answer: A

45. What is the name of the proposed retail shops to be certified by the Government, to encourage distancing and sanitation practices?

A. Janata Stores
B. Suraksha Stores
C. Bharat Stores
D. Lakshman Stores

Answer: B

46. India’s first underwater metro project is set to be launched in which city?

A. Kochi
B. Chennai
C. Kolkata
D. Mumbai

Answer: C

47. Leading car-maker Ford recently inaugurated its technology and innovation centre at which Indian city?

A. Hyderabad
B. Gurugram
C. Chennai
D. Mumbai
Answer: C

48. Which city was host to the National Conference on e-Governance 2020?
   A. New Delhi
   B. Bengaluru
   C. Mumbai
   D. Hyderabad
   Answer: C

49. Which is the first airport of India, to be certified as single-use plastic-free?
   A. Indira Gandhi International Airport, New Delhi
   B. Chhatrapati Shivaji International Airport, Mumbai
   C. Chennai International Airport, Chennai
   D. Cochin International Airport, Kochi
   Answer: A

50. A place called Nimu that was seen in news recently is located on the banks of which river?
   A. Indus
   B. Suru
   C. Yapola
   D. Hanley
   Answer: A