

MCQ PRACTICE WORKSHEET _ CLASS 6

ENGLISH (60 Questions)

- 1) Identify the kind of noun the underlined word represents. How many books are there in the library?
A) Abstract Noun
B) Common Noun
C) Material noun
D) Collective Noun
- 2) Identify the kind of noun the underlined word represents. The businessman was happy with the growth of his business.
A) Abstract Noun
B) Common Noun
C) Material noun
D) Collective Noun
- 3) Identify the kind of noun the underlined word represents. The presidential candidate addressed all the voters.
A) Abstract Noun
B) Common Noun
C) Material noun
D) Collective Noun
- 4) Identify the kind of noun the underlined word represents. Bob spoke loudly with anger in his voice.
A) Abstract Noun
B) Common Noun
C) Material noun
D) Collective Noun
- 5) Identify the kind of noun the underlined word represents. Harinand spent most of his childhood in Chennai.
A) Abstract Noun
B) Common Noun
C) Material noun
D) Collective Noun
- 6) Identify the kind of noun the underlined word represents. Jaya's heart is full of kindness and love.
A) Abstract Noun
B) Common Noun
C) Material noun
D) Collective Noun
- 7) Identify the kind of noun the underlined word represents. I watched a new movie last Sunday.
A) Abstract Noun
B) Proper Noun
C) Material noun
D) Collective Noun
- 8) Identify the kind of noun the underlined word represents. One of the dangerous dog breeds is a Rottweiler.
A) Abstract Noun
B) Proper Noun
C) Material noun
D) Collective Noun
- 9) Identify the kind of noun the underlined word represents. The school children visited the Melbourne zoo yesterday.
A) Abstract Noun
B) Proper Noun
C) Material noun
D) Collective Noun
- 10) When do you usually _____ to the post office?
A) go
B) goes
C) went
D) had gone
- 11) Tara enjoys _____ jewelry in her free time.
A) make
B) do
C) making
D) doing
- 12) Why _____ ? It is not time yet.
A) do you go
B) are you not going
C) are you going
D) you go
- 13) Fill in the blanks with the most appropriate collective noun. A _____ of wolves running after a _____ of geese.
A) bunch, basket
B) pack, gaggle
C) pride, gaggle
D) colony, flock

- 14) Fill in the blanks with the most appropriate collective noun. I saw a ____ of mountains on my way back home.
- A) group
 - B) collection
 - C) stack
 - D) range
- 15) Fill in the blanks with the most appropriate collective noun. A ____ of singers were teaching a ____ of students.
- A) pack, nest
 - B) host, crowd
 - C) troop, bunch
 - D) choir, class
- 16) Complete the following sentence choosing the correct pronoun. We scored as many goals as ____.
- A) they
 - B) them
 - C) him
 - D) we
- 17) Complete the following sentence choosing the correct pronoun. I am one year older than ____.
- A) they
 - B) he
 - C) him
 - D) we
- 18) Complete the following sentence choosing the correct pronoun. God helps those who help ____.
- A) ourselves
 - B) yourself
 - C) himself
 - D) themselves
- 19) Fill in the blanks with the most appropriate preposition given in the brackets. He wrote a letter _____ his father.
- A) from
 - B) to
 - C) near
 - D) with
- 20) Fill in the blanks with the most appropriate preposition given in the brackets. We are engaged _____ our work.
- A) into
 - B) in
 - C) at
 - D) on
- 21) Fill in the blanks with the most appropriate preposition given in the brackets. Are you prepared ____ the test?
- A) to
 - B) for
 - C) with
 - D) at
- 22) Select the correct article to complete the following sentence. _____ Nile is in Egypt.
- A) an
 - B) a
 - C) the
 - D) all of these
- 23) Select the correct article to complete the following sentence. It is _____ indication that you are late.
- A) the
 - B) a
 - C) an
 - D) none of these
- 24) Select the correct article to complete the following sentence. Are you attending _____ reception today?
- A) a
 - B) an
 - C) the
 - D) all of these
- 25) Fill in the blanks with the most appropriate conjunction. He was warned _____ he dived into the sea.
- A) so
 - B) but
 - C) if
 - D) yet
- 26) Fill in the blanks with most appropriate conjunction. You can either sit up _____ sit down.
- A) or
 - B) and
 - C) not
 - D) but
- 27) Choose the most appropriate conjunction to join the following sentences. Raj was having a great time. I was getting bored at home.
- A) while
 - B) as
 - C) and
 - D) or

28) Identify the adjective mentioned in the following sentence. The room was dimly lit so we could meditate.

- A) dimly
- B) lit
- C) dimly lit
- D) meditate

29) Identify the adjective mentioned in the following sentence. The fox is a sly animal.

- A) fox
- B) animal
- C) sly
- D) is

30) Identify the adjective mentioned in the following sentence. Seema witnessed the accident with her own eyes.

- A) saw
- B) own
- C) eyes
- D) own eyes

31) On their teacher's command every student rushed towards _____ school ground.

- A) a
- B) the
- C) on
- D) an

32) In _____ direction will I find your house?

- A) which
- B) what
- C) that
- D) this

33) Give me _____ time to decide.

- A) a few
- B) few
- C) a little
- D) little

34) Select the appropriate option to complete the sentence. The sun _____ in the east.

- A) rises
- B) will rise
- C) is rising
- D) rise

35) Choose the correct option to complete the sentence given below into simple past tense. John Cabot _____ to America in 1498.

- a) sailed
- b) will be sailing
- c) was sailing
- d) has sailed

36) Which one of the following is an example of Simple Future Tense?

- a) I will be talking to him.
- b) I will talk to him.
- c) I will have talked to him.
- d) I will have been talking to him.

37) Which one of the following is an example of Simple Future Tense?

- a) My brother watched a movie yesterday.
- b) My brother was watching a movie yesterday.
- c) My brother is going to watch a movie now.
- d) My brother will watch a movie tomorrow.

38) Choose the suitable option to complete the sentence given below into the Simple Future Tense. My mother _____ a dress for me.

- a) will buy
- b) buys
- c) bought
- d) has bought

39) We _____ our favourite program every day in the evening.

- a) watch
- b) watched
- c) watches
- d) watching

40) we _____ some sandwiches and fresh fruits to eat .

- a) buy
- b) buys
- c) buying
- d) bought

41) Monkeys _____ to eat bananas.

- a) liking
- b) like
- c) will like
- d) like

42) I work 18 hours a day but I _____ my job .

- a) loving
- b) love
- c) loved
- d) loves

43) Identify the kind of noun the underlined word represents. Diamond is the hardest substance known.

- a) material
- b) proper
- c) common
- d) collective

44) Identify the kind of noun the underlined word represents. You will need two tons of cement.

- a) material
- b) common
- c) proper
- d) abstract

45) Identify the kind of noun the underlined word represents. Food is wrapped in Aluminium foil paper.

- a) common
- b) abstract
- c) material
- d) collective

46) Choose the correct synonym for **abandon**.

- a) pursue
- b) collect
- c) give up
- d) hunt

47) The revolt spread over a **huge** area. The underlined word can be replaced by

- a) vast
- b) little
- c) tiny
- d) in significant

48) My mom cooks delicious food. Replace delicious with

- a) blend
- b) insipid
- c) tasty
- d) none of these.

49) Find the option with correct spelling.

- a) Environment
- b) Enviroment
- c) Environmant
- d) Enviroment

50) Find the option with correct spelling.

- a) Intresting
- b) Interesting
- c) Intressting
- d) Intersting

51) Find the option with correct spelling.

- a) Asembly
- b) Assambly
- c) Assembli
- d) Assembly

52) Choose the correct antonym for **appreciate**.

- A) criticise
- B) applaud
- C) assist
- D) punish

53) Choose the correct antonyms for **coward**.

- A) crook
- B) lifeless
- C) courteous
- D) brave

54) Choose the correct antonym for **glad**

- A) happy
- B) contented
- C) pleased
- D) sad

55) Choose the correct set of jumbled words to make a meaningful sentence.

- A) below eight/children/not/ are allowed
- B) Not /below eight/are/allowed/children
- c) are children/ not/ below eight/ allowed
- D) Children/below eight/ are /not /allowed

56) Choose the correct set of jumbled words to make a meaningful sentence.

- A) his belief/Gandhiji's/ greatest/ was/ in/ strength/ God
- B) Gandhiji's/ greatest/ belief/was/ strength/ God
- C) Gandhiji's /greatest/ strength/ was/his/ belief/ in God
- D) God/ Gandhiji's /his/ was/ belief/ greatest/in/ strength

57) Choose the correct set of jumbled words to make a meaningful sentence.

- A) dress/on/this/beautiful/looks /you.
- B) you/look/beautiful/this/on/dress
- C) you/on/beautiful/looks/dress/this
- D) this/dress/looks/beautiful/on/you

58) Choose the most appropriately punctuated sentence.

- A) How did you come here?
- B) how did you, come here?
- C) how did you come here.
- D) how! Did you come here.

59) Choose the most appropriately punctuated sentence.

- A) He said I am not interested
- B) He said "I am not interested"
- C) he said, "I am not interested.
- D) He said, "I am not interested".

60) Complete the sentence using the correct punctuation. Although she hurt her foot_____ she played football.

- A) !
- B) ?
- C) .
- D) ,

MATHEMATICS (60 Questions)

1. Which method is used to change a fraction to a decimal.
 - A) Numerator \div Denominator
 - B) Numerator \times Denominator
 - C) Denominator \div Numerator
 - D) Denominator - Numerator
2. 3 decades as a decimal fraction of a century is _____.
 - A) 0.003
 - B) 0.3
 - C) 0.03
 - D) 3.0
3. Which part of mixed fraction represents remainder after doing division?
 - A) Numerator
 - B) Denominator
 - C) Whole
 - D) A or B
4. What is the equivalent fraction of $\frac{2}{3}$ with denominator 27?
 - A) $\frac{9}{27}$
 - B) $\frac{4}{27}$
 - C) $\frac{12}{27}$
 - D) $\frac{18}{27}$
5. $3 \times 0.3 \times 0.03 \times 0.003 \times 30$ is equal to _____.
 - A) 0.0000243
 - B) 0.000243
 - C) 0.00243
 - D) 0.0243
6. One tenth of 12.35 added to 7.15 is _____.
 - A) 19.51
 - B) 1.951
 - C) 130.75
 - D) 8.386
7. The fraction $\frac{22}{5}$ lies between the whole numbers _____.
 - A) 2 and 3
 - B) 5 and 4
 - C) 4 and 5
 - D) 5 and 6
8. The fraction equivalent to $\frac{2}{3}$ is _____.
 - A) $\frac{(2-2)}{(3-2)}$
 - B) $\frac{(2 \times 3)}{(3 \times 3)}$
 - C) $\frac{(2+3)}{(3+2)}$
 - D) $\frac{(2 \div 3)}{(5 \times 3)}$
9. 9437 paise in rupees can be expressed as _____.
 - A) Rs.9.437
 - B) Rs.94.37
 - C) Rs.94.73
 - D) Rs.943.7
10. A car consumes 2.875 litres of petrol per hour. The quantity of required to run the car for 8 hours is _____.
 - A) 20
 - B) 21
 - C) 22
 - D) 23
11. If X persons : 10 persons = 7000 paise : Rs.100, then X means _____.
 - A) 50
 - B) 60
 - C) 70
 - D) 80
12. If I collect 30 seashells every 30 minutes, but I drop 4 shells every 2 hours. If I collect shells for 8 hours, I end up with _____ shells.
 - A) 464
 - B) 960
 - C) 644
 - D) 156
13. Ankita scored in science 12 more than half her marks in Maths. This statement can be expressed as _____.
 - A. $(x/2) + 12$
 - B. $(12/2) + X$
 - C. $2x + 12$
 - D. $12x / 2$

14. In a village, there are 5 water tanks to collect rainwater. On a particular day 'Y' litre of rainwater was collected in each tank. If 100 litres of water already there in 1 tank, then the total quantity of water in the tanks together on that day was ____ litres?
 A. $5Y + 100$
 B. $5Y - 100$
 C. $5Y$
 D. $100Y + 5$
15. Diya thought of a single digit number from 1 to 9. She then added 5 to the number she thought of. She then multiplied the number she got with 4. The final answer Diya got was 48. Hence the single digit Diya thought of was ____.
 A. 6
 B. 8
 C. 7
 D. 5
16. If 'a' and 'b' represent two numbers. Choose the expression that shows their sum being derived by their product.
 A. $ab(a+b)$
 B. $(a-b) \div (a+b)$
 C. $ab \div (a+b)$
 D. $(a+b) \div ab$
17. Go around the square counting every corner two times and no more. Add the count to me to get exactly fifty-five. Whom am I?
 A. 63
 B. 59
 C. 47
 D. 8
18. I had Rs.600 with me. I gave Rs.X to Salma, Rs. $X/2$ to Rohan and I am left with $X/2$. The amount I gave to Rohan is ____?
 A. Rs.30
 B. Rs.150
 C. Rs.250
 D. Rs.350
19. The algebraic expression of statement 'x' multiplied by itself is ____.
 A. x
 B. $2x$
 C. x^2
 D. x^3
20. This year my age is a multiple of 7. Next year it will be a multiple of 5. If I am above 20 years but less than 80 years, then my present age is ____.
 A. 21 years
 B. 29 years
 C. 35 years
 D. 49 years
21. Which of the following is greatest?
 A. $XCI - LXXXII$
 B. $LXXXVIII + XLIX$
 C. $XLIX + XXIX$
 D. $LXIX - XL$
22. When you know the weight of an object in kilograms, you can find its weight in grams by ____.
 A. Multiplying by 100
 B. Dividing by 100
 C. Multiplying by 1000
 D. Dividing by 1000
23. If A and B are whole numbers, then which of the following may not be a whole number?
 A. $A + B$
 B. $A \times B$
 C. $A - B$
 D. $3(2A + 3B)$
24. The greatest 3-digit number that will be obtained on reversing the digit is ____.
 A. 789
 B. 879
 C. 987
 D. 978
25. Using each odd digit only once from 0, 1, 2, 3, 4, 5 the number of 3-digit numbers that can be formed are ____.
 A. 6
 B. 5
 C. 4
 D. 3
26. The successor of a number which is 32059 more than the product of 21 and 12 is ____.
 A. 32311
 B. 32310
 C. 32312
 D. 32060
27. The sum of 469 and 367 in roman numerals is ____.
 A. $DXXXIII VI$
 B. $DCCCXXXVI$
 C. $DIIIXXXVI$
 D. $DCCXXXVI$

28. The digits to be placed in the blanks to form the smallest 4 digit number using each digit only once such that '7' is always in the tens place.

- A. 1, 0, 2
- B. 2, 0, 2
- C. 0, 1, 2
- D. 1, 2, 0

29. Find the missing number which will replace the (*) mark.

- A. 12
- B. 24
- C. 14
- D. 16

30. By what name do we call line of symmetry for a line segment?

- A. Parallel line
- B. Perpendicular bisector
- C. Ray
- D. None of these

31. Using the digits 0 to 9 and not repeating the digits, which three digits will have a horizontal line of symmetry?

- A. 105
- B. 138
- C. 841
- D. 372

32. Which of the following is not symmetrical about its diagonals?

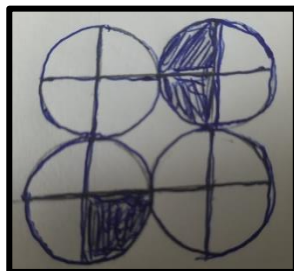
- A. Square
- B. Rectangle
- C. Rhombus
- D. Kite

33. In which of the following water image and mirror image is same?

- A. MOM
- B. WOW
- C. 808
- D. 303

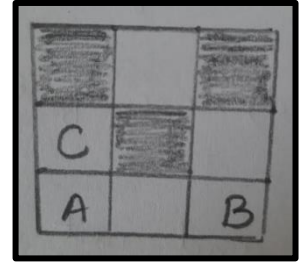
34. How many minimum sectors is to be shared to make the given figure symmetrical.

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



35. Which square must be shaded so that the figure has a line of symmetry?

- A. A
- B. B
- C. C
- D. Both A and B



36. A man has 25 paise, 50 paise and 1 Rupee coins. There are 220 coins in all and the total amount is 160. If there are thrice as many 1 Rupee coins as there are 25 paise coins, then what is the number of 50 paise coin?

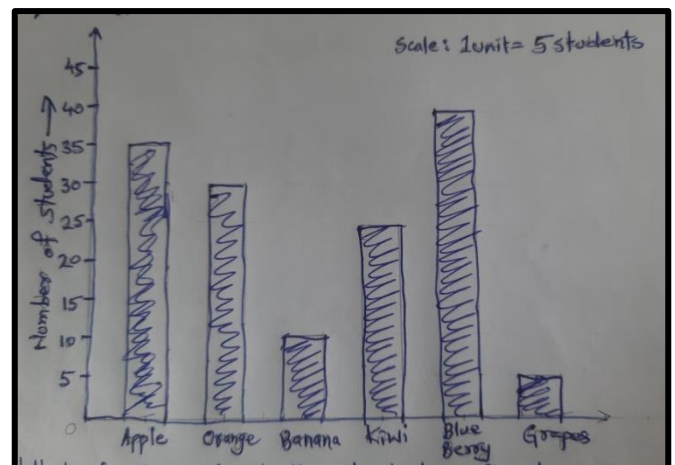
- A. 60
- B. 120
- C. 40
- D. 80

37. If the minute hand and hour hand makes 2 right angles in one hour. Then how many right angles does it form in one day?

- A. 24
- B. 36
- C. 48
- D. 72

38. Observe the given graph, what is the ratio of the least favourite fruit to the most favourite fruit.

- A. 1:8
- B. 1:7
- C. 1:6
- D. 1:5



39. A's money is to B's money in the ratio of 4:5 and B's money to C's money is in the ratio of 2:3. If A has Rs.800 then the amount with C is _____.

- A. 1000
- B. 1500
- C. 1200
- D. 2000

40. The area on each square on the chess board is 4 sq.cm. If during the game 2 rooks and 3 bishops of one player and 6 pawns and 1 bishop of the other player have been captured, then the area of the squares left unoccupied is ____.

- A. 84 sq.cm
- B. 164 sq.cm
- C. 128 sq.cm
- D. 172 sq.cm

41. Four squares each of length 3 cm is cut from a rectangular piece of paper whose length is 15 cm and breadth is 11 cm, hence the area of the paper left is ____.

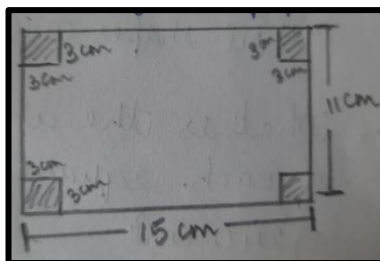
- A. 28
- B. 129
- C. 159
- D. 165

42. A string is 70 cm long and is used to form a regular polygon, which regular polygon will it be able to form.

- A. Equilateral triangle
- B. Hexagon
- C. Heptagon
- D. Octagon

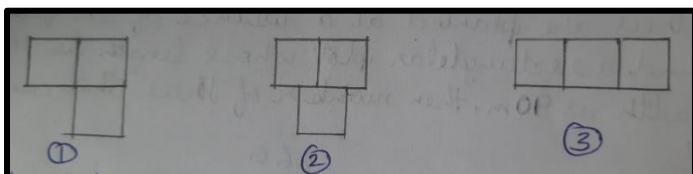
43. A square and a rectangular plot of an area have same perimeter. If the square is of side 60 cm and rectangle is of length 80 cm. The area of rectangle is ____.

- A. 3200 sq.cm
- B. 320 sq.cm
- C. 480 sq.cm
- D. 4800 sq.cm



44. Ratio of length to breadth of a rectangle is 7:5. The area of the rectangle is 875 sq.cm, find the difference between length and breadth.

- A. 10 cm
- B. 20 cm
- C. 30 cm
- D. 40 cm



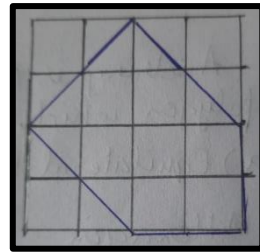
45. Given shapes, 1, 2 and 3 are made up of 3 identical squares. Which of the following

statements are correct with respect to the shapes.

- A. Only 1 and 2 have equal perimeter.
- B. Only 2 and 3 have equal perimeter.
- C. Only 1 and 3 have equal perimeter.
- D. All three have equal perimeter.

46. What is the area of the figure if the perimeter of each square is 24 cm.

- A. 240 sq.cm
- B. 360 sq.cm
- C. 120 sq.cm
- D. 160 sq.cm

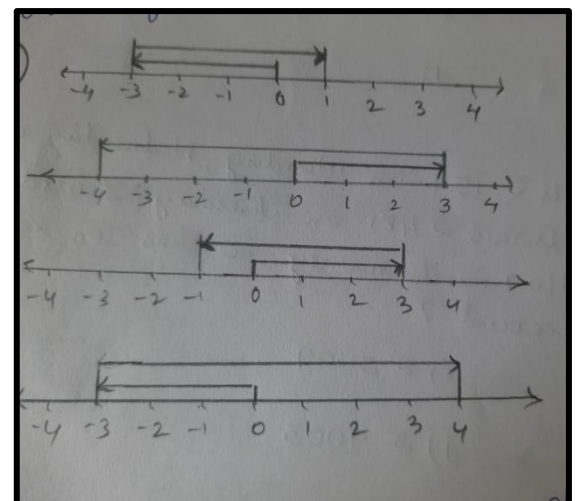


47. The greatest negative integer is ____.

- A. - 50,000
- B. - 1
- C. - 10,000
- D. Does not exist.

48. Akshay plots two points A and B on the number line such that i) Point A lies 5 points to the left of zero; ii) Point B lies 3 points to the right of A. Which of the following correctly represents point A and B?

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



49. The additive inverse of the sum of -572 and -257 is ____.

- A. -829
- B. 829
- C. 315
- D. -315

50. With zero as its starting point, a car travels 40 km south then 20 km north. The car then travelled 50 km west. Then the total distance travelled is ____ km.

- A. 110 km
- B. -70 km
- C. 10 km
- D. -30 km

51. The sum of $10 + (-10) + 10 + (-10) + \dots$. If the number of terms is 121 is ____.

- A. 0
- B. -10
- C. 10
- D. 121

52. A person deposits Rs.1211 on Monday, Wednesday, and Friday. He with draws Rs.481 on Tuesday, Thursday, and Saturday. How much money he has on Sunday in his bank account?

- A. 3090
- B. 390
- C. 3009
- D. 9003

53. Write True (T) or False (F) for the given statements and choose the correct options.

- i) Zero is the smallest integer.
- ii) The smallest negative integer is -1.
- iii) 0 is greater than -3.
- iv) -16 is greater than -17.

- A. TTTT
- B. TFTF
- C. FTTT
- D. TTTF

54. The angles are to be bisected to obtain an angle of 90° is ____.

- A. 55° and 35°
- B. 75° and 35°
- C. 35° and 85°
- D. 55° and 30°

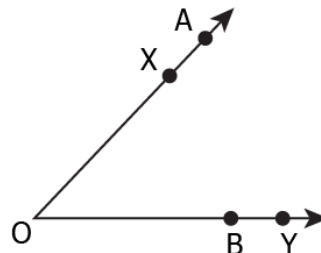
55. X is the midpoint of AB. If $AX=9.3$ cm, what is the measure of AB?

- A. 4.65 cm
- B. 18.6 cm
- C. 9.3 cm
- D. 18 cm

56. What is the vertex in the figure?

- A. Point A and B
- B. Point O
- C. Point X and Y

D. Both A and B



57. How many meters are there in 4889 centimeters.

- A. 4889 meters
- B. 488.9 meters
- C. 48.89 meters
- D. 4.889 meters

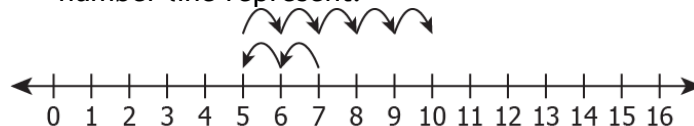
58. What type of angle is formed between the hands of a clock when it is 10.15?

- A. Acute angle
- B. Obtuse angle
- C. Right angle
- D. Streight line

59. Bus fare for student travelling from school to stadium is subsidised and is charged at the rate Rs.52 per student. What will be the amount paid for 12 students.

- A. 64
- B. 624
- C. 49
- D. 4

60. Which operation of numbers does this number line represent?



- A. $7-5+10$
- B. $7-5+5$
- C. $7-2+10$
- D. $7-2+5$

SCIENCE/EVS (60 Questions)

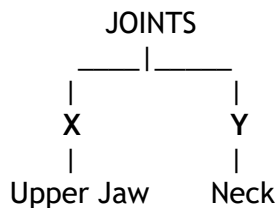
1. Observe the figure and choose the correct options
- A. A gives more energy than B
 - B. B gives more energy than A
 - C. A and B both gives equal amount of energy
 - D. A and B are not good source of energy



- A. Sprouted Chana B. Boiled Chana
2. Which set has leaf and stem as an edible plant? i) Spinach, Ginger; ii) Mint, Chilli; iii) Cabbage, Potato; iv) Ladyfinger, Radish.
- A. i and iii
 - B. ii and iv
 - C. iii and iv
 - D. i and iv
3. The wrong practice among the following are:
i) Seema cut the leafy vegetables and washes with water; ii) Ajay includes Rabdi, Puri every day in his breakfast; iii) Sham uses iodised salt in cooking; iv) Raj includes sprouted seeds in his diet.
- A. i and ii
 - B. i and iii
 - C. i, ii and iii
 - D. None of the above
4. Mohan found that his gums were bleeding while brushing his teeth. Which food items do you suggest to include in Mohan's diet?
- A. Milk
 - B. Amla
 - C. Guava
 - D. Both A and C
5. The correct order of the process involved in making cotton fabric from cotton is:
- A. Handpicking of cotton balls -> Knitting -> Spinning -> Weaving
 - B. Handpicking of cotton balls -> Ginning -> Spinning -> Weaving
 - C. Handpicking of cotton balls -> Weaving -> Spinning -> Ginning
 - D. Handpicking of cotton balls -> Spinning -> Ginning -> Knitting
6. A student is provided with the following four materials like, wood, plastic, wool and steel. Which of the following material will the student identify as hardest and softest respectively?
- A. Plastic and Steel
 - B. Steel and Wool
 - C. Wool and Wood
 - D. Wood and Steel
7. Rahul took a glass beaker filled with water and put silver coin, feather, and oil. What would be his observation.
- A. He saw coin floats on water and feather and oil sink in water.
 - B. Coin sinks in water and both feather and oil floats on it.
 - C. Coin and feather sinks in water and oil floats on water.
 - D. Coin sinks with oil in water and only feather floats.
8. Amita took few samples of threads and burnt them over the flame. In one of the threads, she found the thread melted, shrunk. The thread is likely to be:
- A. Jute
 - B. Cotton
 - C. Nylon
 - D. Silk
9. The correct order to separate salt from a mixture of salt and sand is:
- A. Evaporation, Dissolving, Filtration
 - B. Filtration, Evaporation, Dissolving
 - C. Filtration, Dissolving, Evaporation
 - D. Dissolving, Filtration, Evaporation
10. Which of the following is not an example of response to stimulus.
- A. Closing of leaves of Mimosa pudica plant when touched.
 - B. A chick hatching out of egg.
 - C. Watering of mouth when we see tamarind.
 - D. Shutting of eyes when an object is suddenly thrown.

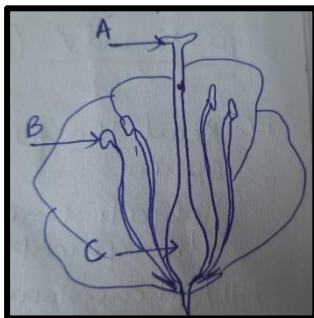
11. Identify X and Y in the given chart.

- A. X - Pivot; Y - Gliding
- B. X - Ball & Socket; Y - Hinge
- C. X - Hinge; Y - Pivotal
- D. X - Fixed; Y - Pivotal



12. Cockroaches and birds both have wings, yet birds fly and cockroaches don't and are capable of climbing wall because:
- A. Cockroaches lack muscles
 - B. Cockroaches have hollow bones
 - C. Cockroaches have 3 pairs of modified legs
 - D. Cockroaches don't have strong and broad wings

13. The figure shows the parts of flower, choose the correct labelling.



- A. A - Anther; B - Filament; C - Style
- B. A - Stigma; B - Filament; C - Ovary
- C. A - Style; B - Anther; C - Ovary
- D. A - Stigma; B - Anther; C - Ovary

14. Choose the incorrect option out of the following.
- A. I am a flower; I help in reproduction.
 - B. I am a bud; I help in anchoring plants.
 - C. I am a stem, I bear branches.
 - D. I am a leaf; I carry out photosynthesis.

15. _A_ melts when heated. On heating metal rim it _B_ and fits into the wheel. Cool water is poured over the rim which _C_ it and fits tightly onto the wheel. Some changes can be _D_ and some cannot be. A, B, C and D are:
- A. A-Ice; B-reversed; C-expand; D-contract
 - B. A-Ice; B-reversed; C-contract; D-expand
 - C. A-Ice; B-expand; C-contract; D-reversed
 - D. A-Ice; B-contract; C-expand; D-reversed

16. Following were the activities happening at Malu's house. i) Malu made some flowers by origami to decorate house; ii) Her father made dough balls; iii) Mother rolled the dough to make pairs; iv) Father heated the oil in the pan; v) Malu fried the puris. Identify the activities which cannot be reversed.

- A. ii and v
- B. iii and v
- C. iv and v
- D. all the activities

17. Read the following statements and choose the correct options. i) Objects through which we can see clearly are called transparent; ii) Phenomenon of changing left to right is lateral inversion; iii) Luminous objects do not have light of their own; iv) Shadows are formed when opaque objects comes in the path of light.

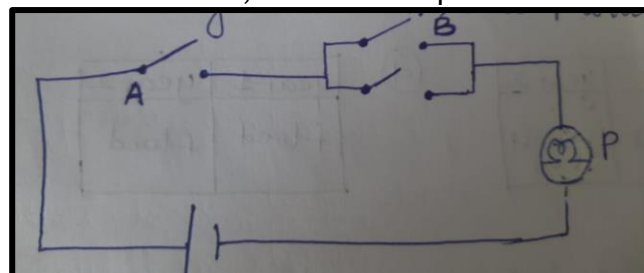
- A. TFTF
- B. FTTT
- C. TFFF
- D. TTFT

18. Amita stands on the ground and observes her shadow changes at different time. The position of her shadow changes with:

- A. The position of source of light
- B. The type of source of light
- C. The movement of air
- D. None of the above

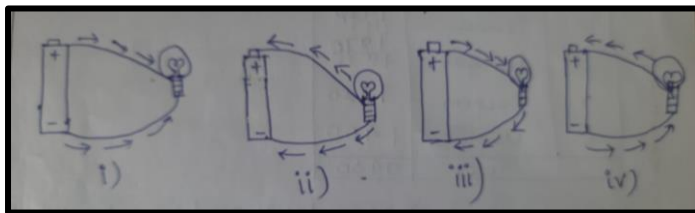
19. In the circuit diagram shown, bulb P will glow when:

- A. A is closed, B is close and C is open.
- B. Both B and C are closed and A is open.
- C. A is closed and both B and C are also closed.
- D. A is closed, B and C are open.



20. Which of the above figures shows the correct direction of the current?

- A. i and ii
- B. iii only
- C. iv only
- D. ii and iv



21. Rampur and Villaspur are two villages separated by river Kosi. One fine year there was heavy rainfall and the river Kosi started overflowing. The following year that region received no rainfall and river dried up. What are the two conditions faced by the villages in these two years.

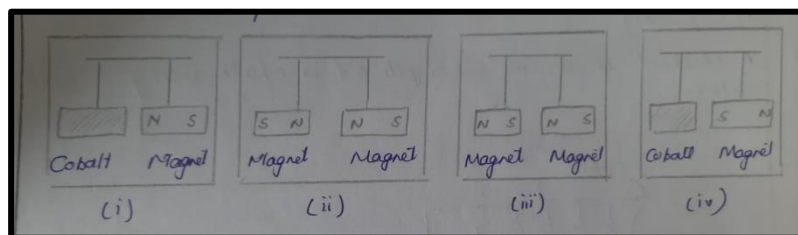
- A. Year-1: Flood; Year-2: Drought
- B. Year-1: Drought; Year-2: Flood
- C. Year-1: Drought; Year-2: Drought
- D. Year-1: Flood; Year-2: Flood

22. The following data represents the amount of water used in different places of Goa. How much amount of water is used by a person on an average per day in Ponda and Mapusa.

	Places	Water used in Litres/day/person on average
1	Panjim	1370
2	Ponda	1470
3	Margao	1870
4	Quepem	1320
5	Mapusa	1400
	Total	7430

- A. 2500
- B. 2300
- C. 2800
- D. 2870

23. In the following figures, two objects are hung close to each other. Select the set in which there is an attraction between the two (the magnet is indicated as N and S poles).



- A. i, ii, iv
- B. ii, iv
- C. I, iii, iv
- D. Only iii

24. The south pole of the magnet is near geographical ____ pole.

- A. North
- B. South
- C. East
- D. West

25. The correct ascending order of gasses as per their composition in air is:

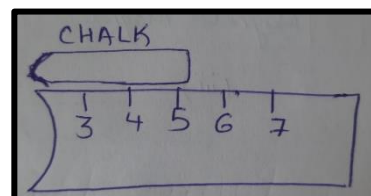
- A. Oxygen < Carbon dioxide < Nitrogen
- B. Carbon dioxide < Oxygen < Nitrogen
- C. Nitrogen < Oxygen < Carbon dioxide
- D. Nitrogen < Carbon dioxide < Oxygen

26. Akash took an empty plastic bottle, turned it upside down and dipped its open mouth into a bucket filled with water. He then tilted the bottle slightly and made following observation;

- i) bubbles of air came out from the bottle;
- ii) some water entered the bottle;
- iii) Nitrogen gas came out in the form of bubbles and oxygen got dissolved in water;
- iv) no bubbles are formed, only water entered the bottle. Which observations is / are correct?

- A. i and ii
- B. iv only
- C. iii and iv
- D. i only

27. A student measures length of a chalk using a broken ruler. A student made an error and reading was 5 cm. How can the effort be rectified?



- A. By measuring the length keeping chalk in the middle of pencil.
- B. By taking initial reading and final reading from the ruler and adding them.
- C. By taking initial reading and final reading and subtracting final reading from initial reading.
- D. By taking initial reading and final reading and subtracting initial reading from final reading.

28. Neeta brought redworms from the market to add to the pit made by her for vermicomposting project. Which of the following statement is false w.t.t redworms?
- Redworms can't survive in extreme surroundings.
 - Redworms eat food equal to their weight.
 - Redworms uses gizzard to grind their food.
 - Excreta of redworms pollute the soil.
29. Shreya, Kavita, Priti and Ajay stay in a building. At ground floor, two dustbins, blue and green colour are kept. All are provided with guidelines to segregate the waste correctly. Identify, who of the above have segregated the waste correctly?
- Shreya, BLUE: plastic bottles, thermocol; GREEN: Fruit peels, vegetable waste
 - Kavita, BLUE: polythene bag, metallic plate; GREEN: Rotten fruits, cotton clothes
 - Priti, BLUE: plastic toys, glass bottles; GREEN: Kitchen waste, paper
 - Ajay, BLUE: Aluminium foil, tetrapacks; GREEN: medical waste, plastic bags
- i, ii, iii
 - i, ii, iv
 - None of the above
 - All of the above
30. Maria walked 1.1518 km and later 200 m on right. The total distance is ____ meters.
- 1718 m
 - 17180 m
 - 171.8 m
 - 17.18 m
31. Read the following sentences and choose the correct option.
- Respiration takes place only during day time.
 - Respiration takes place only during night time.
 - Respiration takes place only both during day and night.
 - Respiration takes place only when plants are not making food.
- TFTF
 - FFTF
 - FTFT
 - FFTT
32. In which circuit will the bulbs glow the brightest?
- A simple circuit with one bulb and one cell
 - A simple circuit with two bulbs and one cell
 - A simple circuit with one bulb and two cells
 - A simple circuit with two bulbs and two cells
33. Nitu was very sick, and she was vomiting all day and also had loose motions. She was admitted to hospital. The doctor gave her body drips to get some strength and energy. Which of the following drip was given to Nitu?
- Blood drip
 - Glucose drip
 - Saltwater drip
 - All of these
34. The food turns tasteless when chewed for long time. This is because ____.
- taste evaporates
 - food becomes less
 - food is digested in the mouth by saliva
 - of more saliva
35. Raju is always tired and looks ill. He is constantly losing weight and always seem to be having low energy levels. By the symptoms Raju is likely to be:
- Constipated
 - Dehydrated
 - Suffocated
 - Malnourished
36. Chameli soaked the chana in water in one bowl, and in other bowl she put a piece of damp cloth along with chanas. After 2 days she checked both the bowls. Sprouts were seen only in the second bowl and not in the first. The result is because ____:
- In first bowl only water was available, and air was not available.
 - In first bowl the water was less.
 - The chanas were not of good quality.
 - There was no light.
37. Which of the following fruits has seed outside?
- Orange
 - Mango
 - Cherry
 - Strawberry

38. Some animals have strong sense of smell which helps them to identify and differentiate the members of their own colony and other colony. Which among the following will belong to these animals?
- Ants
 - Birds
 - Sheep
 - Dolphins
39. The food items given are rich in vitamins and minerals, which of the following vitamins is present in the given items. [Cheese, Eggs, Milk, Sun, Salmon fish, orange juice]
- Vitamin E
 - Vitamin D
 - Vitamin K
 - Vitamin C
40. Dogs mark their area by _____
- Urinating
 - Barking
 - Urinating and barking
 - None of the above
41. Lions have excellent sense of sight and smell and therefore they are very good hunters. With which body part lion sense the movement and vibration in the air?
- Whiskers
 - Tail
 - Ears
 - Paws
42. Rani was eating jalebi and the sugar syrup fell on the floor. After few minutes Rani saw a group of ants revolving around the drop of syrup, what must be the reason from the following one behind the ants, which enables them to see the objects all around it?
- Due to the presence of well developed eyes.
 - Due to the presence of simple eyes.
 - Due to the presence of compound eyes.
 - Due to the presence of eyes over the head.
43. Animals of some species in jungle warned each other of the danger like tigers or leopard by making warning calls. Which of the following animals give warning calls.
- Deer
 - Monkey
 - Elephant
 - Langur
44. Shruti is suffering from cold, and her mother was feeding her. She ate the food and was not getting the taste of food properly. What can be the reason for not being able to taste the food.
- Food was not tasty.
 - Her tongue was ill due to cold.
 - Smell is blocked and 90% of the taste of food comes from smell.
 - Digestive system does not work properly.
45. There was an earthquake in the state. The intensity of the earthquake was 7.8 Richter scale and it caused lot of damage. How was the intensity of earthquake measured?
- Barometer
 - Seismograph
 - Ammeter
 - Thermometer
46. Which of the following have three stage life cycle.
- Housefly
 - Mosquito
 - Cockroach
 - Butterfly
47. Neha was roaming in nursery and found that there were no leaves to the cactus. Her mother explained her that stem have the thick covering called 'cuticle' which helps desert plant to ____.
- Breathe air
 - Prepare food
 - Absorb water
 - Reduce transpiration
48. Which of the following is the best method to kill (reduce) germs present in water?
- Keeping the water source in open sun
 - Boiling it
 - Adding sugar / salt
 - Covering water vessel with lid
49. Which of the following energy changes is taking place in the given figure.
- Light energy → Solar energy
 - Solar energy → chemical energy
 - Solar energy → electrical energy
 - Electrical energy → light energy
50. Teacher was teaching about remains of plants and animals. What is the term used for remains of plants and animals?
- Fossils
 - Endangered
 - Dinosaurs
 - Endemic

51. Which of the following are in liquid state normally.
- Water
 - Petrol
 - Mercury
 - All of the above
52. Which of the following fabrics are made from chemically manufactured fibres?
- Jute and silk
 - Cotton and wool
 - Nylon and acrylic
 - Wool and jute
53. A spoonful each, of sawdust, powdered sugar and salt were added to a glass containing water. Which of the following can be observed?
- Salt and sawdust are soluble in water, but sugar is insoluble
 - Salt and sugar are soluble in water, but sawdust is insoluble
 - Sugar and sawdust are soluble in water, but salt is insoluble
 - Sugar, sawdust and salt are all soluble in water
54. Which of the following objects would show lustre?
- Earthen pot
 - Plastic bottle
 - Aluminium foil
 - Wooden plank
55. A source of light was observed, through three sheets of paper. These were,
 Sheet 1: Butter paper
 Sheet 2: White tissue paper
 Sheet 3: Paper painted with black acrylic paint.

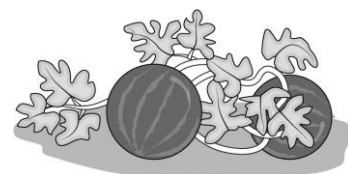
Which of the following is a correct statement regarding these sheets of paper?

- 1 is translucent, 2 is transparent and 3 is opaque
- 1 is transparent while 2 and 3 are translucent
- 1 is translucent while 2 and 3 are opaque
- 1 and 2 are translucent while 3 is opaque

56. An ice cube melts into the water and the change is considered as reversible change. Which factor would reverse the change?
- Increase in weight of the water
 - Decrease in weight of the water
 - Increase in temperature of water
 - Decrease in temperature of water

57. The root system and the shoot system of a plant play different roles. Which of the following functions does NOT relate to the shoot system?
- Transpiration
 - Flower development
 - Provide site for photosynthesis
 - Absorption of nutrients from the soil

58. The image shows a watermelon plant. A student claimed that it an herb. Is the claim made by the student, correct?



- Yes. The plant has green stems, so it is an herb.
- Yes. The plant has many branches, so it is an herb.
- No. The plant has weak stems and spreads on the ground, so it is a creeper.
- No. The plant has weak stems which are supporting the watermelon on the ground, so it is a climber.

59. The evolution of modes of transport is shown in the image. What factor is largely responsible for evolution of transportation?



- The size of the vehicle
 - Use of animals for pulling
 - Use of wheels in the vehicle
 - The number of people driving the vehicle
60. A student wants to measure the length of a curved line. Which of the given methods the student should use to measure the length correctly?
- using a thread
 - with foot steps
 - with hand span
 - using a metre scale