2022-23 **iset** IAME | **IAME**
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INTERNATIONAL SKILL ENHANCEMENT TRAINING

STD - 7

iset Reg. No.

Time: 2 Hours
Max Marks: 100

Name of the student:.. Div:............................

Name of the School: ....

1. The scientific study of soil is called?
   a) Selenology
   b) Paleontology
   c) Anthology
   d) Pedology

2. Which layer is the hottest layer of atmosphere?
   a) Exosphere
   b) Troposphere
   c) Stratosphere
   d) Thermosphere

3. Find out the correct statement?
   a) The ozone layer is found in the stratosphere
   b) On, heating, the air molecules contract.
   c) Ionosphere is the outermost layer of our atmosphere
   d) all of these

4. The innermost layer of the earth is made up of
   a) Copper and zinc
   b) Iron and Nickel
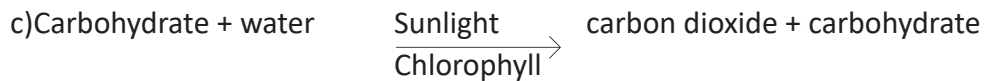   c) Sulphur and Carbon
   d) Silver and strontium

5. What is magma?
   a) Minerals stored in the inner core of the earth.
   b) Igneous rock that transformed into metamorphic rock
   c) Extremely hot molten rock that is stored within the Earth's crust.
   d) Tiny particles of sedimented rock.

6. Which of the following is a sedimentary rock?
   a) Granite   b) Shale
   c) Phyllite   d) Pumice

7. Which of the following is the correct equation of photosynthesis in plants?

a) Carbon dioxide + water $\xrightarrow[\text{Chlorophyll}]{\text{sunlight}}$ carbohydrate + Oxygen

b) Oxygen + Water $\xrightarrow[\text{chlorophyll}]{\text{Sunlight}}$ Starch + oxygen

c) Carbohydrate + water $\xrightarrow[\text{Chlorophyll}]{\text{Sunlight}}$ carbon dioxide + carbohydrate

d) All are false

8. Which of these is a parasite?
a) Mushroom
b) Pitcher plant
c) Lotus
d) Cuscuta

9. Which of these is not digested by human being?
a) Proteins   b) Cellulose
c) Carbohydrates   d) Fats

10. Vitamin soluble in water.
a) K   b) E
c) D   d) C

11. Which of the following is the correct way of air in human body?
a) Nose→ Trachea→ Nasal cavity→ Bronchi→ Bronchiole→ Alveoli
b) Nose→ Nasal cavity→ Bronchi→ Bronchiole→ Trachea→ Alveoli
c) Nose→ Nasal cavity→ Trachea→ Bronchi→ Bronchiole→ Alveoli
d) None of these

12. Which of the following gives red colour to the RBC?
a) Plasma   b) Platelets
c) Haemoglobin   d) Capillaries

13. Find out the false statement?
a) RBC do not have nucleus
b) Xylem is found outside the Vascular bundle.
c) Human heart has four chambers
d) Cell wall of xylem is thicker than that of phloem.

14. Processor is fixed on the ……………………
   a) Motherboard   b)Chipboard
   c) Monitor   d) Memory slot

15. HTML stands for ?
   a) Hyper Text Markup Language
   b) Hyper Text Marking Language
   c) High Tone Marking Language
   d) High Tech Markup Language

16.(-6x -8) + (7x-9) – (-4x -4)= ----------------
   a) 31   b) -31
   c) -1   d) 1

17. Which is the smallest in the group?
   -12, -20, 54, 35, 0, -4
   a) -4   b) -12
   c) -20   d) 0

18.Find the value of 'a' , if 16 - (-a)= 26
   a) 10   b) 16
   c) 26   d) 36

19.Which of the following pairs has the same rational numbers?
   a) 21/25 and 7/30   b) 5/8 and 50/40
   c) 20/50 and 2/3   d) 21/30 and 7/10

20. Find the value of expression 5a+6b+4c ,for a=5, b=9 and c=1
   a) 83   b) 79
   c) 81   d) 100

21. What should be subtracted from (a-b) to get -2b?
   a) a-b   b)2a
   c) ab   d) a+b

22. 72 km/h =----------------------m/s ?
   a) 25   b)20
   c) 30   d)15

23. A bus travels 500 meters in a minute. The speed of the bus is----------
   a) 28 km/h   b)35 km/h
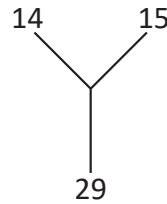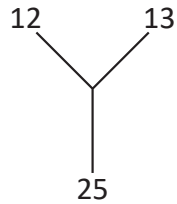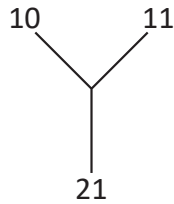   c) 30 km/h   d) 50 km/h

24. Rishi runs with a speed of 12 km/h. How long can he run in 5 minutes?

    a) 1km   b) 2km

    c) 1.5 km   d) 1.25 km

25. 6/2 ; 20/4 ; 42/6; ----------?
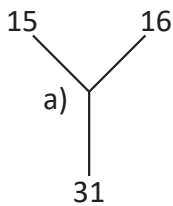
    a) 48/6   b) 68/8

    c) 72/8   d) 56/8

26. Which figure comes next?

10   11   12   13   14   15

21   25   29   ....?....

15   16   16   17   16   17   18   20

a)   b)   c)   d)

31   18   33   37
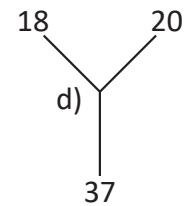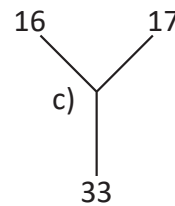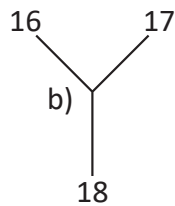
27. Pick out the odd one?

      100, 121, 169, 200

        a) 100   b) 121   c) 169   d) 200

28. Some numbers are codded as

    123=8

    245=28

    352=25 and

    624= 20 then What is 872?

        a) 60   b) 70   c) 80   d) 90

29. A man did 1/3 part of a work on first day . He did 2/3 part of the remaining work on second day . What part of the total work is remaining now?

        a) 11/27   b) 5/6   c) 2/3   d) 16/27

30. Which is the number -4 less than -5?

       a) -1   b) -9   c) 9   d) 1

31. What is the product of 3a X 4a X 2y ?

       a) $24\,a^2 y^2$ b) $24\,ay^2$

       c) $24\,ay$ d) $24a^2 y$

32. What is the difference of a % of b and b % of a ?

       a) 100   b) 10   c) 0   d) 1

33. Average of 10 numbers is 20. When one number was added to it the group average became 19 . The added number is ---------------

       a) 11   b) 9   c) 19   d) 10

34. 10 million=----------------------?

       a) 1 crore   b) 10 crore

       c) 10 lakhs   d) 100 crore

35. A rectangle has an area 48 sq.cm. When the length of it was increased by 5 cm. area of the rectangle became 78 sq.cm. What is the breadth of the first rectangle?

       a) 10 cm   b) 9cm

       c) 7cm   d) 6cm

36. Who is the father of Internet?

       a) Vinton cerf   b) Richard Stallman

       c) Alan turing   d) Charls Babbage

37. Which is the first computer virus?

       a) Reaper   b) Creeper

       c) Avira   d) Norton

38. The short key function of 'undo' function

       a) Ctrl+Z   b) Ctrl+X

       c) Ctrl+Y   d) Ctrl+C

39). Venue of 2024 Olympics?

       a) Tokyo   b) Paris

       c) Russia   d) Australia

40). The new Prime minister of UK?
        a) Liz truss   b) Boris Johnson
        c) Rishi Sunak   d) Thersa May

Replace the underlined word with a similar one in meaning

41. Pupa lives in a <u>fragile</u> cocoon

        a) Plain   b) delicate
        c) silky   d) comfortable

Read the given sentence and replace the underlined word with its antonym.

42. This video game gives the <u>illusion</u> that you are in control of an aero plane.

        a) confusion   b) delusion
        c) reality   d) imagination

use the appropriate question tag.

43. He ate an apple; ………………………………
        a) doesn't he?   b) didn't he?
        c) did he ?   d) isn't he?

Change the sentence in to passive voice.

44. She is reading a book.
     a) a book was read by her.   b) a book is being read by her
     c) a book has been read by her   d) a book was being read by her.

Complete the given sentence in indirect speech

45. The boy said; "I must go home"
  The boy said that …………………………………..

     a) he had to go home   b) he must go home
     c) he wish to go home   d) he want to go home

Convert the sentence in to direct speech
46. She said that she hadn't eaten anything that day.
     a) she said, "I hadn't eaten anything today"
     b) she said, "I haven't eaten anything today".
     c) she said, "I didn't eat anything today".
     d) she said, "I haven't eaten anything that day".

Read the poem and choose the right answer from the options

The mountain and the squirrel

The mountain and the squirrel had a quarrel;
And the former called the latter "little prig"
Bun replied,
"You are doubtless vey big;
But all sorts of things and weather
Must be taken in together
To make up a year
And a sphere,
And I think it no disgrace
To occupy my place
If I'm not so large as you,
You are not so small as I,
And not half so spry;
I'll not deny you make
A very pretty squirrel track.
Talents differ;all is well and wisely put;
If I cannot carry forests on my back,
Neither can you crack a nut"

(R.W Emerson)

47. The mountain called the squirrel "little prig" because :
    a) it is young and active   b) it is very small
    c) it is a new born   d) it is very short

48. Bun in the poem stands for ;
    a) small sweet round cake   b) the mountain
    c) the squirrel   d) the poet

49. And I think it no disgrace.
  What is the disgrace ?
    a) occupying one place on the mountain
    b) iam very small in size
    c) you are very big
    d) i cannot carry forests on my back.

50. Who is much more spry ?
    a) the weather   b) poet
    c) the squirrel   d) the mountain