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STD - 7

Name of the student: Div:

Name of the school :

Questions 1 – 10 carry 1 mark each.**(1 x 10 = 10)**

1. The following statements are true about

Located between about 80 and 700 kms.
It's lowest part contains the ionosphere.
The international space station orbits here.

- a) Exosphere c) Thermosphere
b) Mesosphere d) Stratosphere

2. What is water table?

- a) The uppermost layer of soil
b) The lower limit of groundwater
c) The lowest layer of soil
d) The upper limit of groundwater

3. Which two elements form water molecules?

- a) Oxygen and Nitrogen
b) Hydrogen and Carbon
c) Hydrogen and Oxygen
d) Oxygen and Carbon

4. Which of the following doesnot belong to the category of clouds?

- a) Cirrus c) Nimbus
b) Cumulus d) Tropus

5. Which of the following would be more pure water?

- a) Rain water c) River
b) Ground Water d) Lake

6. Which of the following substances has no smell, colour or taste?

- a) Spirit c) Methanol
b) Water d) Sodium Chloride

7. Any substance that readily attracts water from its surroundings through absorption or adsorption is called

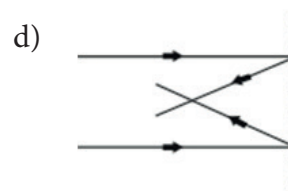
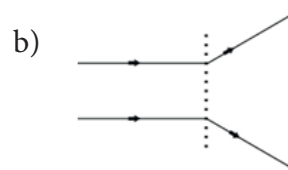
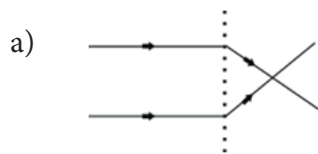
- a) Hydrophillic Substance
b) Hygroscopic Substance
c) Hydroscopic Substance
d) Hygrophillic Substance

8. When an object is dropped from a height, its Increases
 a) Velocity c) Weight
 b) Acceleration d) Energy
9. Molecules in solids have
 a) Translatory motion
 b) Vibration
 c) Oscillation
 d) Revolution
10. A mark on a paper that is kept under a glass slab appears to be inside the glass slab. This is because of
 a) Internal reflection c) Refraction
 b) Reflection d) Dispersion

Questions 11 – 20 carry 2 marks each.

(2 x 10 = 20)

11. An atom acquires positive charge by
 a) Losing electron
 b) Getting electron
 c) Losing neutron
 d) Getting proton
12. Find out the convex mirror from the images given below.



13. Observe the picture of layers of the Earth. and find the correct order.



A	B	C	D
Oceanic crust	Upper mantle	Oceanic crust	Outer core
Continental crust	Lower mantle	Continental crust	Inner core
Upper mantle	Lithosphere	Lithosphere	Lithosphere
Lower mantle	Asthenosphere	Asthenosphere	Asthenosphere
Lithosphere	Inner core	Upper mantle	Upper mantle
Asthenosphere	Outer core	Lower mantle	Lower mantle
Inner core	Continental crust	Outer core	Continental crust
Outer core	Oceanic crust	Inner core	Oceanic crust

14. Taj Mahal is made up of marble which is an example of:

- a) Magmatic rock
- b) Mineral rock
- c) Fossil rock
- d) Metamorphic rock

15. The composition of the upper layer of the Earth's Crust that is rich in Aluminium and Silica is termed as

- a) Alsi
- b) Sial
- c) Sium
- d) Alca

16. The remains of dead plants and animals trapped in the layers of rocks are called

- a) Nutrients
- b) Minerals
- c) Skeletons
- d) Fossils

17. Which of these is also known as the primary rocks?

- a) Igneous rocks,
- b) Metamorphic rocks
- c) Sedimentary rocks
- d) Molten rocks.

18. Which atmospheric layer is between the Thermosphere and the Stratosphere?

- a) lonesphere
- b) Toposphere
- c) Mesosphere
- d) Exosphere

19. The red colour of the red Soil is due to the presence of

- a) Arsenic oxides
- b) Magnesium oxides
- c) Manganese oxides
- d) Ferric oxides.

20. Which of these processes helps in Soil formation?

- a) Ploughing of land
- b) Filtration of sea water
- c) Seeping of underground water
- d) Weathering of rocks

Questions 21 – 30 carry 1 mark each.

(1 x 10 = 10)

21. The natural and slow movement of air is called

- a) Wind
- b) Typhoon
- c) Cyclone
- d) Storm

22. Which of the following forms a protective layer around our atmosphere that protects us from harmful ultraviolet rays of the Sun?

- a) Nitrogen
- b) Oxygen
- c) Benzene
- d) Ozone

23. Which of the following is salty?

- a) Sea water
- b) River water
- c) Lake water
- d) Pond Water

24. A computer understands only

- a) Binary language
- b) Sign language
- c) Foreign language
- d) None of these

25. Which of these is a Spreadsheet software ?

- a) Lotus 1-2-3
- b) MS word
- c) Oracle
- d) Bespoke

26. The short key combination of redo function is

- a) Ctrl + Z
- b) Ctrl + Y
- c) Ctrl + X
- d) Ctrl + C

27. Which Command is used to draw a rectangle?

- a) DRAW
- b) RECTANGLE
- c) CIRCLE
- d) LINE

28. Which of the following is a web browser?
a) Chrome
b) Linux
c) Notepad
d) Microsoft
29. How many Earth days is a lunar day?
a) 28 days
b) 14 days
c) 7 days
d) 2 days
30. Which organ of the new born babies does the Shikha Virus infect?
a) Kidney
b) Brain
c) Eyes
d) Liver

Questions 31 – 60 carry 2 marks each.

(2 x 30 = 60)

31. What is the name of India's first solar mission?
a) Aditya L1
b) PSLV 1
c) PSLV 2
d) BIRN 1
32. Who is the brand ambassador of the 'Skill India' Campaign?
a) E. Sreedharan,
b) Amitabh Bachan
c) Sachin Tendulkar
d) Mohan Lal
33. Which State is known as the capital of chess in India?
a) West Bengal
b) Kerala
c) Tamilnadu
d) Gujarat
34. Who was considered as the most powerful Chola ruler?
a) Rajaraja 1
b) Rajendra 1
c) Prahaladhan
d) Rajran II
35. Delhi became the capital of a kingdom for the first time under the
a) Tomara Rajputs
b) Mughal Dynasty
c) Chauhans
d) Turkish

36. The ruler who started Muslim rule in India is
- Alavudhin Gilji
 - Balban
 - Mohammed Ghori.
 - Sultana Rasiya
37. Which animal was firstly domesticated by the inhabitants of the Indus Valley?
- Cat
 - Sheep
 - Horse
 - Elephant
38. Which of these is the smallest?
- 0
 - 1
 - 4
 - 5
39. Choose the correct comparison from the following.
- $-10 < -15$
 - $0 > 20$
 - $-50 > 50$
 - $2 > -8$
40. The average of 23, -24, 25, -26, 27 is
- 5
 - 24
 - 23
 - 25
41. Subtract 100 from 51
- 49
 - 49
 - 151
 - 149
42. If The product of $\frac{5}{3}$ and $\frac{b}{15}$ is $\frac{7}{9}$ what will be the value of b?
- 9
 - 21
 - 45
 - 7
43. Which of the following is equivalent to $\frac{124}{186}$
- $\frac{74}{136}$
 - $\frac{2}{3}$
 - $\frac{5}{3}$
 - $\frac{24}{28}$
44. Find the rational number between $\frac{1}{3}$ and $\frac{1}{2}$
- $\frac{21}{60}$
 - $\frac{2}{3}$
 - $\frac{11}{20}$
 - $\frac{21}{30}$
45. Which of the following fractions is the smallest?
- $\frac{3}{13}$
 - $\frac{3}{7}$
 - $\frac{3}{5}$
 - $\frac{3}{11}$
46. Find the sum $-1 + 2 + -3 + 4 + -5 + 6 + -7 + 8 + -9 + 10$
- 5
 - 55
 - 55
 - 5
47. Odd man out $-10/0, 0/7, -15/-11, -14/-2$
- $-14/-2$
 - $-15/-11$
 - $-10/0$
 - $0/7$

48. What should be added to $-\left(\frac{4}{7}\right)$ to get 1?

- a) $1\frac{4}{7}$ b) $1\frac{7}{4}$ c) $\frac{7}{4}$ d) $\frac{4}{7}$

49. What power of 2 is half of 2^{10} ?

- a) 2^5 b) 2^8 c) 2^9 d) 2^{12}

50. $3^3 + 3^3 + 3^3 =$ This sum is what power of 3?

- a) 3^{10} b) 3^4 c) 27^4 d) 3^{27}

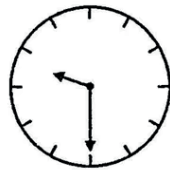
51. If the sum of two prime numbers is 253, what is the smaller one?

- a) 59 b) 11 c) 2 d) 101

52. What is the missing number in the series: 0, 2, 5, 10, 17, 28,?

- a) 41 b) 40 c) 50 d) 39

53. What is the mirror image of this time?



- a) 02:30 b) 03:30 c) 04:30 d) 01:30

54. Replace the underlined word with its synonym in the following sentence:-
The storm caused an abrupt power failure.

- a) Complete b) Gradual
c) Steady d) Sudden

55. Read the given sentence and replace the word underlined with its antonym.
Russia famished under the Five Year Plan.

- a) studied b) impoverished
c) satiated d) depressed

56. Use the appropriate question tag:-
I am never on time,?

- a) aren't I ? b) am I ?
c) do I ? d) don't I ?

57. Convert the following sentence into active voice: An essay will be written by Sona.

- a) An essay will have been written by Sona.
b) Sona will be writing an essay.
c) Sona would write an essay.
d) Sona will write an essay.

58. Convert the following sentence into indirect speech. Jaya said, “ I must finish the work on time”.
- a) Jaya said I must finish the work on time.
 - b) Jaya said that she must finish the work on time.
 - c) Jaya said that she had to finish the work on time.
 - d) Jaya said that she has to finish the work on time.

Read the poem and choose the correct answers to the following questions:-
MY HEART LEAPS UP

*My heart leaps up when I behold
A rainbow in the sky:
So was it when my life began;
So is it now I am a man;
So be it when I shall grow old,
Or let me die!
The Child is father of the Man;
And I could wish my days to be
Bound each to each by natural piety.
-William Wordsworth.*

59. What is meant by ‘The Child is father of the Man’?
- a) The child is a model for everyone to follow.
 - b) The child is the father of every man.
 - c) The behavior of the childhood determines one’s personality
 - d) The childhood determines the father’s life.
60. What is the poet’s wish?
- a) to behold a rainbow in the sky
 - b) to die
 - c) to think about rainbow and enjoy his life
 - d) to have days of natural piety