

12.11.2019

FA-2 GSV

Std: VIII

Time : 1 hour

Marks :50

1. Irrational numbers are represented with the letter _____

- a) L b) Q c) M d) P

2. A terminating decimal has an _____ term.

- a) End b) Non-ending c) Repeating d) All of these

3. In $\frac{p}{q}$, P and Q are co-prime _____

- a) Numbers b) Integers c) Decimals d) Expansions

4. The value of π is _____

- a) 3.41 b) 3.44 c) 3.14 d) 3.141

5. \sqrt{ab} = _____

- a)
- $\sqrt{a}\sqrt{b}$
- b)
- $a)\sqrt{ab}$
- c)
- \sqrt{ba}
- d)
- \sqrt{ab}^2

6. Non-repeating numbers are the one that do have _____ terms

- a) Repeated b) Decimal c) Fractional d) None of these

7. $\frac{p}{q}$ form of the number $0.\overline{3}$ is _____

- a)
- $\frac{3}{10}$
- b)
- $\frac{3}{100}$
- c)
- $\frac{1}{30}$
- d)
- $\frac{1}{2}$

8. Non-terminating, Non-repeating, Non-recurring decimal are said to be an _____ number.

- a) Rational b) Irrational c) Prime d) Whole

9. Natural numbers are represented with the letter _____

- a) L b) Q c) N d) W

10. Which of the following is a rational number?

- a)
- $\sqrt{5}$
- b)
- π
- c) 0.1010010001 d) 0.853853

11. Quantities which can be measured are called _____ quantities.

- a) Physical b) Chemical c) Scalar d) Vector

12. In measurement FPS stands for _____

- a) Foot, Pound, System b) Foot, Pound, Second
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- c) Force, Pound, Second d) Foot, Pound, Scale

13. There are _____ fundamental quantities.

- a) 7 b) 9 c) 11 d) 15

14. The instrument which has combination of two scales is _____

- a) Ammeter b) Vernier caliper c) Calorimeter d) Balance

15. 1 Main scale division - 1 Vernier scale division = _____.

- a) Least count b) Measured value
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- c) Least division d) Dimensional value

16. There are _____ supplementary quantities.

- a) 5 b) 7 c) 4 d) 2

17. Fertilisation takes place in the _____ tube

- a) Fallopian b) Ovarian c) Peritonal d) None of these

18. External fertilization in frogs occurs in _____.

- a) Water b) Body c) Land d) Plants

19. The release of egg and sperm into the water is known as _____.

- a) Winnowing b) Spawning c) Earthing d) Recycling

20. Zygote is a _____ Cell.

- a) Eukaryotic b) Prokaryotic c) Neural d) Epithelial

21. A cheese like coating on baby's body is called _____.

- a) Metallic b) Vernix c) Gritty d) Wax

22. Gold fish is an example of _____ fertilization.

- a) Internal b) Conceptual c) External d) Public

23. The first _____ cell of a baby develop between 46 and 48 days.

- a) Bone b) Tissue c) Stem d) Cord

24. The process in which state of matter changes from solid to liquid by heating is _____.

- a) Boiling b) Condensation c) Evaporation d) Melting

25. Camphor and Iodine are examples for _____ process.

- a) Sublimation b) Condensation c) Filtration d) Solidification

26. Pure substance in which molecules are composed of only one kind of atoms is called as _____.

- a) Molecules b) Compounds c) Elements d) Alloys

27. The temperature above which the liquefaction of the gas is impossible is called as _____ temperature.

- a) Critical b) Resistive c) Thermocouple d) Bimetallic

28. Number of atoms present in the molecule is _____ of an element

- a) Consistency b) Isolation c) Durability d) Atomocity

