

I. Choose the correct answer:

1. \_\_\_\_\_ is a form of energy that is produced when objects vibrate.  
a. Sound    b. Heat    c. Light    d. Electricity
2. Sound vibrations travel through \_\_\_\_\_.  
a. light    b. air    c. water    d. vacuum
3. Important characteristics of waves are amplitude, time period and \_\_\_\_\_.  
a. vibration    b. frequency    c. displacement    d. magnitude
4. The amplitude of a vibration is the \_\_\_\_\_ distance by which an object is displaced from its mean position.  
a. Minimum    b. zero    c. maximum    d. none of these above
5. If the amplitude is greater, the sound produced is \_\_\_\_\_.  
a. lower    b. sharper    c. louder    d. shrill
6. The loudness of a sound is measured in \_\_\_\_\_.  
a. Joule    b. Kelvin    c. Hertz    d. Decibels
7. The time taken by vibrating object to make one complete to and fro movement is known as its \_\_\_\_\_.  
a. amplitude    b. frequency    c. time period    d. pitch
8. The SI unit of frequency is \_\_\_\_\_.  
a. Hertz    b. seconds    c. cm    d. Decibels
9. When objects vibrate \_\_\_\_\_ is produced.  
a. heat    b. electricity    c. sound    d. light
10. The nature of the \_\_\_\_\_ produced by an object depends on the nature of the waves..  
a. sound    b. light    c. electricity    d. heat
11. There are \_\_\_\_\_ behavioural skills.  
a. 7    b. 8    c. 9    d. 11
12. Many students lack negotiation skills in dealing with \_\_\_\_\_.  
a. Child    b. teenagers    c. adults    d. adolescent
13. The best time to teach new behavior is when the student is in the \_\_\_\_\_ phase of the cycle.  
a. anger    b. happy    c. calm    d. rude
14. An individual's \_\_\_\_\_ sense speaks the volume of his character.  
a. Attitude    b. speaking    c. dressing    d. walking
15. Dressing is important for every business profession as it states that the employees are \_\_\_\_\_.  
a. labourers    b. Professional    c. Indescent    d. descent
16. We should be able to balance \_\_\_\_\_ and life.  
a. Work    b. friends    c. family    d. None of the above
17. "A man is known by his \_\_\_\_\_". is a proverb.  
a. Wealth    b. Career    c. Education    d. dress
18. On 22<sup>nd</sup> July 2018 the Rajya Sabha passed the \_\_\_\_\_ of corruption, Bill 2013.  
a. Approval    b. Prevention    c. Acceptance    d. All the above.
19. Indian women ODI captain Mithali Raj has become the first women cricketer to feature in \_\_\_\_\_ ODI's.  
a. 100    b. 300    c. 200    d. 400
20. Prime minister Narendra Modi laid the foundation stone on the first ever University in \_\_\_\_\_.  
a. Delhi    b. Jammu & Kashmir    c. Odisha    d. Lucknow
21. \_\_\_\_\_ Government launched "Rajiv Gandhi Portal".  
a. Maharashtra    b. Rajasthan    c. Tamil Nadu    d. Andhra Pradesh
22. The amplitude of the wave is the \_\_\_\_\_ distance.  
a. Vertical    b. Horizontal    c. Mean    d. Curve
23. Vibration is the rapid back and forth movement about a \_\_\_\_\_ position.  
a. Fixed    b. Back    c. Forward    d. None of the above
24. A wave is an oscillation that transfers energy from one point to \_\_\_\_\_.  
a. another    b. opposite    c. backward    d. Vertical
25. The loudness of the sound depends on \_\_\_\_\_.  
a. frequency    b. amplitude    c. time period    d. motion
26. We use \_\_\_\_\_ letters to denote a set.  
a. Capital    b. Small    c. Numbers    d. Symbol
27. We use small letters like x,y, etc to denote the \_\_\_\_\_ of a set.  
a. Variables    b. Elements    c. Area    d. Perimeter

28. Union is denoted by the symbol \_\_\_\_\_.
- a.  $\cup$       b.  $\cap$       c.  $\phi$       d.  $\{\}$
29. Intersection is denoted by the symbol \_\_\_\_\_.
- a.  $\cup$       b.  $\cap$       c.  $\phi$       d.  $\{\}$
30. Complement of the set A is denoted by \_\_\_\_\_.
- a.  $\{A\}$       b. A      c.  $A^1$       d. A
31. \_\_\_\_\_ contains only those elements which belong to both X and Y.
- a.  $X \cap Y$       b.  $X \cup Y$       c.  $X^1$       d.  $Y^1$
32. \_\_\_\_\_ contains all the elements of X and all the elements of Y.
- a.  $X \cap Y$       b.  $X \cup Y$       c.  $X^1$       d. X
33. The intersection of sets A and B is expressed as \_\_\_\_\_.
- a. A/B      b. A-B      c.  $A \cap B$       d.  $A \cup B$
34. The union of sets A and B is expressed as \_\_\_\_\_.
- a. A/B      b. A-B      c.  $A \cap B$       d.  $A \cup B$
35. The universal set is denoted by the letter \_\_\_\_\_.
- a. A      b.  $\cup$       c. B      d.  $A^1$
36.  $SP - CP =$  \_\_\_\_\_
- a. Profit      b. Area      c. Perimeter      d. Loss
37.  $CP - SP =$  \_\_\_\_\_
- a. Profit      b. Area      c. Perimeter      d. Loss
38. \_\_\_\_\_ price is the price at which an article is purchased by the buyer.
- a. Loss      b. Profit      c. Cost      d. Selling
39. The party bringing the good is called an \_\_\_\_\_.
- a. Export      b. Import      c. Currency      d. Goods
40. \_\_\_\_\_ schemes are launched by the Government of India.
- a. Saving      b. Profit      c. Loss      d. Expensive
41. We can't predict the \_\_\_\_\_.
- a. past      b. future      c. climate      d. weather
42. FD means \_\_\_\_\_.
- a. For Due      b. Fixed Deposit      c. For Deduction      d. For Delay
43. \_\_\_\_\_ is an output device.
- a. Monitor      b. Keyboard      c. Mouse      d. Data
44. Tariff means \_\_\_\_\_.
- a. Tax      b. Fine      c. Change      d. Travel
45. The concept of national output is essential in the fields of \_\_\_\_\_.
- a. Literature      b. Civics      c. Macro economics      d. History
46. There are \_\_\_\_\_ output devices.
- a. 3      b. 5      c. 4      d. 8
47. Output device is \_\_\_\_\_.
- a. display      b. projection      c. physical reproduction      d. All the above
48. Saving money can help you become financially \_\_\_\_\_.
- a. liberal      b. disturbed      c. dependent      d. secure
49. An import in the receiving country is an \_\_\_\_\_ from the sending country.
- a. import      b. export      c. profit      d. Loss
50. \_\_\_\_\_ in economics is the quantity of goods produced by a firm.
- a. Output      b. Input      c. Export      d. Import