

Group E

1. A narrow strip of land that connects two larger land masses is called ?
A) Peninsula () B) Isthmus ()
C) Cape () D) Strait ()
2. Which is the oldest mountain range in India ?
A) Sapura range () B) Aravali range ()
C) Vindhya range () C) Pir panjal range ()
3. How much plains area in India
A) 96.3 () B) 43.3 ()
C) 66.3 () D) 22.9 ()
4. The place in India receiving the lowest rain fall is ?
A) Jodhpur () B) Jaipur ()
C) Leh () D) Srinagar ()
5. McMahan line demarcates the boundary between which countries ?
A) USA and Canada () B) Nepal and India ()
C) India and China () D) India and Myanmar ()
6. The Indus valley houses of built of ?
A) Mahe () B) Karaikal ()
C) Pondicherry () D) None of these ()
7. Which of the following lakes is situated on the West Coast of India ?
A) Astamudi () B) Chilka ()
C) Ganga () D) Kolleru ()
8. The country with the world's largest natural gas reserves is -
A) Saudi Arabia () B) Kuwait ()
B) Russia () D) United States of America ()
9. The tropical cyclones of the Bay of Bengal are usually called –
A) Hurricanes () C) Typhoons ()
B) Depression () D) Tornadoes ()
10. Which among the following is the natural inhabitant of North Pole but not of South Pole ?
A) Penguins () C) Emu ()
B) Polar Bear () D) Seals ()
11. Fashion is important to Shyam, so he always _____ the latest and most popular poaching style (to select)
A) selecting () C) selects ()
B) has been selecting () D) selected ()
12. May you lead a happy life !
A) Exclamatory () C) Exclamation ()
B) Optative () D) Assertive ()
13. Some people regard the world as _____.
A) imitation () C) allusion ()
B) illusion () D) ilision ()
14. It is hoped that a _____ will be reached in the meeting.
A) statement () C) comparison ()
B) compromise () D) compression ()
15. All the students were _____ by his jokes.
A) amused () C) happy ()
B) enjoyed () D) cheerful ()

Group E

16. Mick _____ on thin ice for two hours when he heard the first crack.(to skate)
 A) skating () C) had been skating ()
 B) skated () D) has been skating ()
17. Rita _____ it to me in detail yesterday (to explain)
 A) explaining () C) explained ()
 B) explanis () D) explain ()
18. Give Antonym "Fierce" ?
 A) Gentle () C) Violent ()
 B) Inactive () D) Careful ()
19. Give Synonym "Placate"
 A) Implore () C) Flatter ()
 B) Pacify () D) Compensate ()
20. Economic growth _____ altitudes and lifestyle.
 A) Change () B) Will change ()
 C) Changes () D) changed ()
21. The square root of which number is rational
 A) 7 () B) 0.04 ()
 C) 1.96 () D) 13 ()
22. The value of $5.63 \times 5.63 + 11.26 \times 2.37 + 2.37 \times 2.37$ is
 A) 237 () B) 56 ()
 C) 126 () D) 64 ()
23. The number of zeros of $x^2 + 4x + 2$
 A) 1 () B) 3 ()
 C) 2 () D) None of these ()
24. If the decimal representation of a number is non-terminating, non-repeating then the number is
 A) A natural number () B) A whole number ()
 C) A rational number () D) An irrational number ()
25. If the radius of a sphere is doubled, then what is the ratio of their surface area
 A) 1 : 2 () B) 1 : 4 ()
 C) 2 : 1 () D) 4 : 1 ()
26. A quadrilateral with only one pair of opposite sides parallel is called:
 A) Trapezium () B) Rectangle ()
 C) Square () D) Rhombus ()
27. Which of the following is not true for a parallelogram-
 A) Diagonals bisect each other () B) Opposite angles are equal ()
 C) Opposite sides are equal () D) Opposite angles are bisected by the diagonal ()
28. Which of the following is a perfect square ?
 A) 4624 () B) 4636 ()
 C) 4620 () D) 4691 ()
29. A sum of money at simple interest amounts to Rs. 815 in 3 years and Rs. 854 in years. The sum is:
 A) Rs. 650 () B) Rs. 698 ()
 C) Rs. 690 () D) Rs. 700 ()
30. Which number should come in the following series – 14, 28, 20, 40, 32, and 64 ?
 A) 52 () B) 60 ()
 C) 56 () D) 72 ()

Group E

31. Which vitamin is also known as Calciferol ?
A) Vitamin A () B) Vitamin B ()
C) Vitamin C () D) Vitamin D ()
32. The main constituent of natural gas is ?
A) Methane () B) Carbon dioxide ()
C) Hydrogen () D) Ethane ()
33. Both CO₂ and H₂ are
A) Heavier than air () B) Acidic in Nature ()
C) Colour less () D) Soluble in water ()
34. Which of the following are examples of prokaryotes ?
A) Algae () B) Bacteria ()
C) Fungi () D) Protozoa ()
35. The connective tissue that connects muscle to bone is called
A) Ligament () B) Nervous tissue ()
C) Tendon () D) All of the above ()
36. Xylem and Phloem are examples of
A) Epidermal tissue () B) Protective tissue ()
C) Simple tissue () D) Complex tissue ()
37. Brass is a ?
A) Compound () B) Homogeneous mixture ()
C) Element () D) Heterogeneous ()
38. The rate of change of momentum of an object is proportional to
A) Mass of the body () B) Velocity of the body ()
C) Net force applied on the body () D) Mango ()
39. Which instrument is used for measuring of electric potential
A) Ammeter () B) Voltmeter ()
C) Galvanometer () D) Potentiometer ()
40. Focal length of plane mirror is
A) At infinity () B) Negative ()
C) Zero () D) None of these ()
41. Which one is the first search engine in internet ?
A) Google () B) Archie ()
C) AltaVista () D) WAIS ()
42. Which one is the first Web Browser invented in 1990 ?
A) Mosaic () B) Mozilla ()
C) Internet Explorer () D) Nexus ()
43. Where is the Head-Quarter of Microsoft located ?
A) Texas () B) Washington ()
C) New York () D) California ()
44. Identify the odd term amongst the following group –
A) Coaxial cable () B) Optical cable ()
C) Twisted pair wire () D) Microwaves ()
45. 1024 Bits is equal to how many bytes
A) 1Byte () B) 128 Bytes ()
C) 32 Bytes () D) 64 Bytes ()

Group E

46. Roger federer belongs to -----
A) Cricket () B) Tennis ()
C) Football () D) Hockey ()
47. Summer Olympic 2020 will be held at –
A) Beijing () C) Tokyo ()
B) PyeongChang () D) Vancouver ()
48. The recently published book "She Walk, She Leads" is written by –
A) Gunjan Jain () C) Nita Ambani ()
B) Chanda Kochhar () D) Puja Nayna ()
49. International multilateral combat exercise Blue Flag 2021 conducted in which country?
A) India () B) Israel ()
C) China () D) Russia ()
50. India's first Rapid electronic Covid 19 RNA Test kit 'COVIHOME' launched by whom?
A) IIT Hyderabad () B) IIT Kanpur ()
C) IIT Delhi () D) IIT Roorkee ()

----- Rough Work -----