NACT Aptitude & Reasoning exam Practice Set class-1st

SECTION 1 – Logical Reasoning (25 Questions)

1. Which shape comes next? ■ ● ■ ● ?
   A) ● B) ■ C) ■ D) ■
   Ans: B

2. If 2 = 🐱 and 3 = 🐶, what is 🐱 + 🐶?
   A) 4 B) 5 C) 6 D) 2
   Ans: B

3. Which is the odd one out?
   A) Apple B) Mango C) Carrot D) Orange
   Ans: C

4. If today is Monday, what will be the day after tomorrow?
   A) Tuesday B) Wednesday C) Thursday D) Friday
   Ans: C

5. Which number comes next? 2, 4, 6, 8, ?
   A) 9 B) 10 C) 12 D) 14
   Ans: B

6. Which shape has 3 sides?
   A) Circle B) Triangle C) Square D) Rectangle
   Ans: B

7. Find the missing shape: □ □ ■ □ ■ □ ?
   A) □ B) ■ C) ● D) ■
   Ans: B

8. If a cat is smaller than a dog, and a dog is smaller than a horse, who is the biggest?
   A) Cat B) Dog C) Horse D) All same
   Ans: C

9. Which comes first in the alphabet?
   A) M B) N C) L D) O
   Ans: C

10. Which pair is similar?
    A) Pen–Paper B) Shoe–Foot C) Sun–Moon D) Chair–Book
    Ans: A

11. Which number comes next? 5, 10, 15, 20, ?
    A) 21 B) 22 C) 25 D) 30
    Ans: C

12. Which is the odd one out?
    A) Lion B) Tiger C) Elephant D) Chair
    Ans: D

13. Which figure comes next? ▲ ▲ □ ▲ □ ?
    A) ▲ B) □ C) ● D) ■
    Ans: B

14. If 1 = A, 2 = B, 3 = C, then 5 = ?
    A) E B) F C) G D) H
    Ans: A

15. Which is smallest?
    A) Ant B) Dog C) Horse D) Elephant
    Ans: A

16. Which letter comes after P?
    A) O B) Q C) R D) S
    Ans: B

17. Complete the sequence: 11, 13, 15, ?
    A) 16 B) 17 C) 18 D) 19
    Ans: B

18. Odd one out:
    A) Red B) Blue C) Green D) Mango
    Ans: D

19. Which comes first in numbers?
    A) 9 B) 7 C) 8 D) 10
    Ans: B

20. Which number should replace the question mark? 2, 4, 8, 16, ?
    A) 20 B) 24 C) 32 D) 18
    Ans: C

21. Find the missing number: 3, 6, 9, 12, ?
    A) 13 B) 14 C) 15 D) 16
    Ans: C

22. Which two shapes are same?

    A) 1 & 2 B) 1 & 3 C) 2 & 4 D) 3 & 4
    Ans: B

23. Which number is between 25 and 27?
    A) 24 B) 25 C) 26 D) 28
    Ans: C

24. What is the next letter? A, C, E, G, ?
    A) H B) I C) J D) K
    Ans: B

25. Which shape has no sides?
    A) Circle B) Square C) Triangle D)
    Pentagon
    Ans: A

SECTION 2 – Verbal & Non-Verbal Reasoning (25 Questions)

1. If 'sun' is to 'day', then 'moon' is to…
   A) Night B) Star C) Cloud D) Sunlight
   Ans: A

2. Which word does not belong?
   A) Cat B) Dog C) Cow D) Chair
   Ans: D

3. Rearrange the letters to make a word: P–E–N–L
   A) Lend B) Plan C) Penl D) Lpen
   Ans: B

4. If all roses are flowers and all flowers need water, then roses need…
   A) Soil B) Water C) Air D) Sunlight
   Ans: B

5. Which is opposite of "big"?
   A) Large B) Small C) Huge D) Tall
   Ans: B

6. Look at the series: A, C, E, G, ?
   A) I B) H C) J D) K
   Ans: A

7. Choose the figure that completes the pattern: ?
   A) B) C) D)
   Ans: A

8. Which two pictures are exactly the same?
   A) 1 & 2 B) 1 & 3 C) 2 & 3 D) None
   Ans: A

9. If in a code, CAT = DBU, then DOG = ?
   A) EPH B) EOH C) EPG D) DPH
   Ans: A

10. Which is the shortest?
    A) Pencil B) Ruler C) Needle D) Book
    Ans: C

11. If 'hot' is opposite of 'cold', then 'tall' is opposite of…
    A) Long B) Small C) Short D) Big
    Ans: C

12. Which does not belong?
    A) Rose B) Lily C) Lotus D) Apple
    Ans: D

13. Fill in the blank: Child is to School as Patient is to…
    A) Teacher B) Doctor C) Nurse D) Hospital
    Ans: D

14. If 1 = One, 2 = Two, then 3 = ?
    A) Four B) Three C) Thirty D) Tree
    Ans: B

15. Find the pair: Book → Read, Food → ?
    A) Drink B) Eat C) Cook D) Plate
    Ans: B

16. Which letter comes before Q?
    A) P B) R C) S D) O
    Ans: A

17. Which picture is different? 🟦 🔵 🟥
    🍎
    A) 🟦 B) 🔵 C) 🟥 D) 🍎
    Ans: D

18. Complete the series: Z, X, V, T, ?
    A) R B) S C) U D) Q
    Ans: A

19. Which word means the same as "happy"?
    A) Sad B) Glad C) Angry D) Tired
    Ans: B

20. Odd one out:
    A) Run B) Walk C) Jump D) Chair
    Ans: D

21. Which is opposite of "up"?
    A) Over B) Under C) Above D) High
    Ans: B

22. Find the missing letter: B, D, F, H, ?
    A) I B) J C) K D) L
    Ans: B

23. If all cats are animals, and some animals are dogs, then all cats are…
    A) Dogs B) Animals C) Birds D) None
    Ans: B

24. Which pair is similar?
    A) Ear–Hear B) Eye–See C) Nose–Smell D) All
    Ans: D

25. Which does not belong?
    A) Summer B) Winter C) Rainy D) Mango
    Ans: D

SECTION 3 – Mental Ability (25 Questions)

1. 5 + 3 = ?
   A) 6 B) 8 C) 7 D) 9
   Ans: B

2. Which is heavier?
   A) Feather B) Stone C) Paper D) Leaf
   Ans: B

3. A bag has 3 red balls and 2 blue balls. How many balls total?
   A) 5 B) 6 C) 4 D) 3
   Ans: A

4. If you have ₹10 and spend ₹4, how much is left?
   A) ₹6 B) ₹7 C) ₹8 D) ₹4
   Ans: A

5. Which clock shows 3 o'clock?
   A) Short hand on 3, long hand on 12
   B) Short hand on 12, long hand on 3
   C) Both hands on 3
   D) Short hand on 3, long hand on 6
   Ans: A

6. What comes next? 10, 20, 30, 40, ?
   A) 45 B) 50 C) 55 D) 60
   Ans: B

7. Ravi has 2 apples and gets 3 more. How many now?
   A) 3 B) 4 C) 5 D) 6
   Ans: C

8. Which is bigger – 15 or 12?
   A) 12 B) 15 C) Both equal D) None
   Ans: B

9. Which is in the middle of 5, 7, 9?
   A) 5 B) 7 C) 9 D) 6
   Ans: B

10. Which shape has no corners?
    A) Square B) Triangle C) Circle D) Rectangle
    Ans: C

11. What is 12 – 5?
    A) 5 B) 6 C) 7 D) 8
    Ans: C

12. Which number is even?
    A) 7 B) 9 C) 12 D) 15
    Ans: C

13. A week has how many days?
    A) 5 B) 6 C) 7 D) 8
    Ans: C

14. Which is the smallest 2-digit number?
    A) 9 B) 10 C) 11 D) 12
    Ans: B

15. 20 ÷ 5 = ?
    A) 2 B) 3 C) 4 D) 5
    Ans: C

16. Which is greater – 45 or 54?
    A) 45 B) 54 C) Equal D) None
    Ans: B

17. Which is missing? 2, 4, 6, 8, ?
    A) 10 B) 12 C) 14 D) 16
    Ans: A

18. If 3 × 3 = 9, then 4 × 4 = ?
    A) 12 B) 15 C) 16 D) 18
    Ans: C

19. Which is smallest – 25, 35, 15, 45?
    A) 25 B) 35 C) 15 D) 45
    Ans: C

20. Which number comes before 100?
    A) 99 B) 98 C) 101 D) 90
    Ans: A

21. How many months have 30 days?
    A) 4 B) 5 C) 6 D) 7
    Ans: C

22. Which is half of 20?
    A) 5 B) 8 C) 10 D) 15
    Ans: C

23. 9 + 8 = ?
    A) 16 B) 17 C) 18 D) 19
    Ans: B

24. Which is bigger – 2 dozens or 20?
    A) 20 B) 22 C) 24 D) 12
    Ans: C

25. How many sides does a pentagon have?
    A) 4 B) 5 C) 6 D) 7
    Ans: B

SECTION 4 – Achievers Section (HOTS) (25 Questions)

1. Which number should replace the question mark? 2, 4, 8, 16, ?
   A) 18 B) 24 C) 32 D) 20
   Ans: C

2. If all squares are rectangles, and all rectangles are shapes, then all squares are…
   A) Shapes B) Circles C) Triangles D) Lines
   Ans: A

3. A rabbit runs faster than a turtle. The turtle runs faster than a snail. Who runs the slowest?
   A) Rabbit B) Turtle C) Snail D) All same speed
   Ans: C

4. Find the missing number: 3, 6, 9, 12, ?
   A) 13 B) 14 C) 15 D) 16
   Ans: C

5. If 1 = A, 2 = B, 3 = C, then 4 = ?
   A) C B) D C) E D) F
   Ans: B

6. Raju is 2 years younger than Meena. Meena is 7 years old. How old is Raju?
   A) 5 B) 6 C) 7 D) 8
   Ans: B

7. Which two shapes are exactly the same?
   🟦 🔵 🟦 🟥
   A) 1 & 2 B) 1 & 3 C) 2 & 4 D) 3 & 4
   Ans: B

8. Which is the correct order from smallest to largest?
A) Cat – Elephant – Dog
B) Dog – Cat – Elephant
C) Elephant – Dog – Cat
D) Cat – Dog – Elephant
Ans: D

9. If you mix red and yellow, what color do you get?
A) Orange B) Green C) Purple D) Pink
Ans: A

10. What is the missing letter? A, B, C, D, ?
A) E B) F C) G D) H
Ans: A

11. If 2 × 2 = 4, then 2^2 = ?
A) 2 B) 4 C) 6 D) 8
Ans: B

12. Which is heavier – 1 kg cotton or 1 kg iron?
A) Cotton B) Iron C) Both same D) None
Ans: C

13. A cube has how many edges?
A) 10 B) 12 C) 14 D) 16
Ans: B

14. Which number is missing? 25, 30, 35, ?, 45
A) 36 B) 37 C) 40 D) 42
Ans: C

15. If circle = 0 sides, triangle = 3 sides, then square = ?
A) 2 B) 3 C) 4 D) 5
Ans: C

16. In a family, father is older than mother, mother is older than son. Who is youngest?
A) Father B) Mother C) Son D) All same
Ans: C

17. If 5 = E, then 10 = ?
A) J B) K C) I D) H
Ans: A

18. Which figure is odd? 🟩 🟦 🔵 🐶
A) 🟩 B) 🟦 C) 🔵 D) 🐶
Ans: D

19. Fill the blank: 2, 4, 6, 10, 16, ?
A) 18 B) 24 C) 26 D) 28
Ans: B

20. Which number is missing? 100, 90, 80, ?, 60
A) 70 B) 65 C) 75 D) 85
Ans: A

21. If 12 ÷ 3 = 4, then 24 ÷ 6 = ?
A) 3 B) 4 C) 5 D) 6
Ans: B

22. Which is the odd one?
A) Monday B) Friday C) Sunday D) January
Ans: D

23. If 1 dozen = 12, then 2 dozen = ?
A) 20 B) 22 C) 24 D) 26
Ans: C

24. Which comes next in pattern? 🔴 🔴 🟦 🔴 🟦 ?
A) 🔴 B) 🟦 C) 🟩 D) 🔵
Ans: B

25. Which number is between 99 and 101?
A) 100 B) 101 C) 98 D) 97
Ans: A