

2025
ANNUAL COMPETITION
CLASS-VIII
Time Allowed: 2(Two) hours

INSTRUCTIONS:

This booklet contains 60 questions. Select ONLY ONE answer which you consider the best and mark it on the answer sheet. All questions carry equal marks. No marks will be deducted for incorrect answers.

Section A (English Grammar)

Fill in the blanks with the most appropriate options. (Q1-Q5)

1. *I have seen this*
(A) now (B) before
(C) never (D) since
2. *I _____ Hindi for twenty years.*
(A) am teaching (B) was teaching
(C) have been teaching (D) will be teaching
3. *You don't have to scream. I _____ hear you very well.*
(A) can (B) can't
(C) shall (D) must
4. *Where are you going _____ the weekend?*
(A) in (B) by
(C) at (D) on
5. *I _____ to the Taj Mahal.*
(A) am never been (B) was never been
(C) have never been (D) has never been
6. Identify the adverb in the following sentence:
"Fox is often believed to be cunning animal."
(A) cunning (B) believed
(C) often (D) be
7. Change the following sentences into passive voice

"People will hate you for this"

(A) You are hated by people for this (B) You shall be hated by people for this

(C) By people you will be hated for this (D) You will be hated for this by people.

8. Complete the following sentences using the correct degree of the adjective given in the bracket

Health is _____ wealth. (important)

(A) most important than (B) very important than
(C) more important than (D) better important than

9. *"A soldier is respected for his bravery."*

In the above sentence the underlined word is:

(A) a proper noun (B) an adjective
(C) an abstract noun (D) an adverb

10. Change the direct speech into reported/indirect speech.

"She said to me, 'Where do you live?'"

(A) She asked me where do I live (B) She asked me where I was living
(C) She asked me where I lived (D) She asked me where I have lived

(Read the following passage and answer questions 11 to 15)

Indira Gandhi was born on November 19, 1917, in Delhi. She was the daughter of Jawaharlal Nehru, the first Prime Minister of India. Indira became the Prime Minister of India in 1966 and was the first woman to hold this position. She worked hard to make India a stronger country. During her time as Prime Minister, she helped improve education, the economy, and made many changes to help poor people. She also focused on improving farming and food production. Indira Gandhi was known for her strong leadership and courage. She faced difficult challenges, including wars with neighboring countries, but she remained determined. She was loved and respected by many people in India for her hard work and dedication. Indira Gandhi is remembered as one of the greatest leaders of India.

11. According to the paragraph, what was one area Indira Gandhi focused on improving during her time as Prime Minister?

- (A) Space exploration (B) Film industry
 (C) Farming and food production (D) Nuclear weapons development
12. The paragraph mentions Indira Gandhi was known for her:
 (A) Humorous speeches (B) Strong leadership and courage
 (C) Musical talents (D) Skill in diplomacy
13. Indira Gandhi faced which of the following challenges during her time as Prime Minister?
 (A) Economic prosperity with no issues (B) Complete peace and harmony with all nations
 (C) Wars with neighboring countries (D) Universal agreement on all her policies
14. Indira Gandhi first became the Prime Minister of India in the year:
 (A) 1947 (B) 1956
 (C) 1976 (D) 1966
15. Indira Gandhi implemented changes to help which group of people?
 (A) Business owners (B) Poor people
 (C) Government employees (D) Artists and musicians

Section B (Science)

16. Rainbow is a natural phenomenon showing
 (A) dispersion of light (B) deviation of light
 (C) reflection of light (D) refraction of light
17. Previously, the solar system had 9 planets. Which of the following planets is no longer on the list?
 (A) Uranus (B) Saturn
 (C) Neptune (D) Pluto
18. When the forces are balanced, an object is
 (A) stationary (B) moving with constant speed
 (C) either at rest or moving with constant speed (D) moving with a speed
19. The “White Revolution” is primarily related to:

- (A) increase in milk production (B) increase in egg production
 (C) increase in fish production (D) increase in rice production
20. When we roll a ball on the ground, its speed gradually slows down and finally stops due to
 (A) braking force (B) gravitational force
 (C) frictional force (D) magnetic force
21. The lowest temperature at which a substance catches fire is known as
 (A) freezing temperature (B) boiling temperature
 (C) ignition temperature (D) firing temperature
22. The chemical which kills weeds around the plant but does not harm the crop is known as
 (A) pesticide (B) fertilizer
 (C) manure (D) selective herbicide
23. The process of crossing two genetically different individual to obtain a new individual having desirable characters is known as
 (A) hybridization (B) pollination
 (C) sowing (D) emasculation
24. The speed of sound in air is:
 (A) 300 m/s (B) 300 Km/s
 (C) 330 Km/s (D) 330 m/s .
25. An object 20cm high is placed at a distance of 100 cm from a plane mirror .The size of the image will be..
 (A) 20cm (B) 40cm
 (C) 10cm (D) 100cm
26. Which one of the following is not Rabi crop?
 (A) Wheat (B) Gram
 (C) Pea (D) Soya bean
27. Ringworm is caused by
 (A) worm (B) virus
 (C) bacteria (D) fungi

28. The first fully synthetic fibre (non-organic) is:
(A) nylon (B) rayon
(C) polyester (D) acrylic
29. Which of the following is true about *pressure*:
(A) it is measured in terms of pascal in SI unit (B) it is inversely proportional to force
(C) it is directly proportional to area (D) it is directly proportional to volume
30. The child born will be a girl when there is
(A) XX sex chromosome combination (B) YY sex chromosome combination
(C) XY sex chromosome combination (D) YX sex chromosome combination

Section C (Mathematics)

31. A rational number between $(\frac{1}{2})$ and $(\frac{3}{4})$ is :
(A) $\frac{2}{3}$ (B) $\frac{5}{6}$
(C) $\frac{2}{5}$ (D) $\frac{1}{3}$
32. The product of a rational number and its reciprocal is
(A) 0 (B) 1
(C) the number itself (D) -1
33. The additive identity for rational number is
(A) -1 (B) 1
(C) 0 (D) none of the above
34. How many rational numbers are there between any two given rational numbers?
(A) Only one (B) Only two
(C) Countless (D) Nothing can be said
35. Which quadrilateral has exactly one pair of parallel sides?
(A) Square (B) Rectangle
(C) Trapezium (D) Rhombus

36. A rhombus has:
(A) all angles equal (B) all sides equal
(C) both a and b (D) none of these
37. The sum of the exterior angles of any polygon is:
(A) 180° (B) 360°
(C) Depends on the number of sides (D) 90°
38. The angle sum of a convex polygon with number of sides 8 is
(A) 720° (B) 900°
(C) 1080° (D) 1440°
39. How many sides does a regular polygon have if each of its interior angles is 165° ?
(A) 12 (B) 24
(C) 9 (D) 6
40. Which of the following statement is false?
(A) All the rectangles are parallelograms (B) All the squares are rectangles
(C) All parallelograms are rectangles (D) All the rhombuses are parallelograms
41. Ritu is 5 years older than her brother. The sum of their ages is 23. What is Ritu's age?
(A) 9 (B) 11
(C) 14 (D) 18
42. The length of a rectangle is 4 more than its breadth. If the perimeter is 36 cm, what is the length?
(A) 11cm (B) 7cm
(C) 8cm (D) 10cm
43. Meena bought 5 pencils and 3 pens for ₹45. If one pencil costs ₹3, what is the cost of one pen?
(A) ₹5 (B) ₹10
(C) ₹7 (D) ₹8

44. The difference between a number and its one-third is 14. What is the number?
- (A) 18 (B) 19
(C) 14 (D) 21
45. A father is 3 times as old as his son. In 10 years, he will be twice as old as his son. What is the son's present age?
- (A) 10 years (B) 15 years
(C) 20 years (D) 25 years
46. Which of the following numbers is not a perfect square?
- (A) 289 (B) 484
(C) 361 (D) 525
47. A perfect square can never have the following digit at ones place.
- (A) 1 (B) 6
(C) 5 (D) 3
48. Which of the following is a perfect square of a prime number?
- (A) 225 (B) 169
(C) 81 (D) 100
49. How many natural numbers lie between squares of 12 and 13?
- (A) 24 (B) 25
(C) 26 (D) 27
50. The number of digits in the square of a 2-digit number is:
- (A) 2 or 3 (B) 3 or 5
(C) 3 or 4 (D) 1 or 2
51. What will be the square root of 0.09?
- (A) 0.03 (B) 0.3
(C) 3 (D) 0.9
52. The cube root of 343 is:
- (A) 5 (B) 6
(C) 7 (D) 8
53. Which number should be multiplied by 27 to get a perfect cube?

- (A) 2 (B) 3
(C) 4 (D) 1
54. Cube of a negative number is:
(A) Positive (B) Negative
(C) Zero (D) Cannot be determined
55. The smallest number by which 72 must be multiplied to get a perfect cube is:
(A) 2 (B) 3
(C) 5 (D) 6
56. If the cost price of a pen is ₹50 and it is sold at ₹60, what is the profit percentage?
(A) 10% (B) 15%
(C) 20% (D) 25%
57. A sum of ₹5000 is borrowed at a rate of 10% per annum for 2 years. What is the simple interest?
(A) ₹1000 (B) ₹500
(C) ₹750 (D) ₹1200
58. What is the percentage increase from 200 to 250?
(A) 20% (B) 25%
(C) 30% (D) 50%
59. The marked price of a shirt is ₹800. A shopkeeper allows a discount of 15%. What is the selling price?
(A) ₹680 (B) ₹700
(C) ₹720 (D) ₹750
60. Compound interest for 2 years on ₹3000 at 5% per annum compounded annually is:
(A) ₹ 157.50 (B) ₹ 150
(C) ₹ 307 (D) ₹ 307.50
