INTERNATIONAL DELHI PUBLIC SCHOOLS
ADMISSION TEST

GRADE – I

Time: 45 Minutes

Marks: 30

SET – C

GENERAL MATHEMATICS (Q1–10)

1. What comes next? 10, 20, 30, __
A) 35   B) 40   C) 45   D) 50

2. 7 + 9 =
A) 15   B) 16   C) 17   D) 18

3. Which number is greatest?
A) 26   B) 18   C) 32   D) 21

4. How many sides does a rectangle have?
A) 2   B) 3   C) 4   D) 5

5. 16 – 8 =
A) 6   B) 7   C) 8   D) 9

6. Which is an even number?
A) 9   B) 11   C) 13   D) 14

7. Half of 14 is:
A) 5   B) 6   C) 7   D) 8

8. Which number comes before 60?
A) 59   B) 61   C) 58   D) 62

9. 6 × 2 =
A) 10   B) 11   C) 12   D) 14

10. How many tens are there in 70?
A) 5   B) 6   C) 7   D) 8

GENERAL SCIENCE (Q11–20)

11. Which animal chirps?
A) Dog   B) Cow   C) Bird   D) Cat

12. We need food to get:
A) Colour   B) Sleep   C) Energy   D) Water

13. Which is a living thing?
A) Table   B) Chair   C) Tree   D) Stone

14. Which organ helps us taste?
A) Nose   B) Eye   C) Tongue   D) Ear

15. Colour of leaf is:

A) Blue   B) Green   C) Yellow   D) Red

16. Which season is rainy?

A) Winter   B) Summer   C) Rainy   D) Spring

17. Which part of plant has flowers?

A) Root   B) Stem   C) Leaf   D) Flower

18. We drink:

A) Oil   B) Milk   C) Sand   D) Wood

19. Which animal is called king of forest?

A) Elephant   B) Tiger   C) Lion   D) Bear

20. Humans have ___ fingers.

A) Eight   B) Ten   C) Twelve   D) Six

GENERAL ENGLISH (Q21–30)

21. I ___ a student.

A) am   B) is   C) are   D) were

22. Opposite of fast is:

A) Quick   B) Slow   C) Big   D) Short

23. Which is a naming word?

A) Run   B) Jump   C) Boy   D) Fast

24. Correct spelling:

A) Tigar   B) Tiger   C) Tigher   D) Tigarh

25. She ___ a song.

A) sing   B) sings   C) singing   D) sang

26. Plural of box is:

A) Box   B) Boxs   C) Boxes   D) Box's

27. Choose the article: ___ ice cream

A) A   B) An   C) The   D) No article

28. Which is an action word?

A) Sweet   B) Tall   C) Play   D) Red

29. Synonym of small:

A) Big   B) Tiny   C) Large   D) Heavy

30. A sentence ends with:

A) ,   B) ;   C) .   D) :

INTERNATIONAL DELHI PUBLIC SCHOOLS
ADMISSION TEST

GRADE – II
SET-C

Time: 45 Minutes   Marks: 30

GENERAL MATHEMATICS (Q1–10)

1. $42 \div 7 =$
A) 5   B) 6   C) 7   D) 8

2. Which number is greatest?
A) 214   B) 198   C) 176   D) 205

3. $8 \times 6 =$
A) 42   B) 48   C) 54   D) 56

4. Place value of 9 in 596 is:
A) 9   B) 90   C) 900   D) 96

5. $72 - 28 =$
A) 44   B) 46   C) 48   D) 52

6. How many months are there in a year?
A) 10   B) 11   C) 12   D) 13

7. Which is an odd number?
A) 24   B) 36   C) 58   D) 59

8. ¾ of 20 is:
A) 10   B) 12   C) 15   D) 16

9. Which shape has three corners?
A) Square   B) Rectangle   C) Circle   D) Triangle

10. $40 + 60 =$
A) 90   B) 100   C) 110   D) 120

GENERAL SCIENCE (Q11–20)

11. Which gas do humans breathe in?
A) Carbon dioxide   B) Oxygen   C) Nitrogen   D) Hydrogen

12. Which organ pumps blood in our body?
A) Brain   B) Lungs   C) Heart   D) Kidney

13. Which is a source of heat?
A) Fan   B) Sun   C) River   D) Soil

14. Animals that eat only meat are called:
A) Herbivores   B) Omnivores   C) Carnivores   D) Insectivores

15. Which object floats on water?
A) Iron nail   B) Stone   C) Coin   D) Wood

16. Which sense organ helps us see?
A) Ear   B) Nose   C) Eye   D) Tongue

17. Which is a man-made thing?
A) River   B) Mountain   C) Chair   D) Tree

18. Which season is very cold?
A) Winter   B) Rainy   C) Summer   D) Spring

19. We need air to:
A) Drink   B) Write   C) Breathe   D) Read

20. Which animal gives us eggs?
A) Cow   B) Goat   C) Hen   D) Dog

GENERAL ENGLISH (Q21–30)

21. Choose the correct sentence:
A) They is playing   B) They are playing   C) They am playing   D) They be playing

22. Opposite of clean is:
A) Neat   B) Dirty   C) Fresh   D) Clear

23. Fill in the blank: We ___ in the park.
A) play   B) plays   C) played   D) playing

24. Which is a pronoun?
A) Book   B) Rani   C) She   D) School

25. Correct spelling:
A) Faverite   B) Favorite   C) Favrite   D) Favourit

26. Plural of child is:
A) Childs   B) Child   C) Children   D) Childes

27. Choose the preposition: The cat sat ___ the mat.
A) on   B) in   C) at   D) by

28. Synonym of big:
A) Large   B) Tiny   C) Short   D) Thin

29. Which is an adjective?
A) Jump   B) Eat   C) Blue   D) Run

30. A sentence always ends with a:
A) Capital letter   B) Number   C) Punctuation mark   D) Word

GRADE – III
SET-C

Time: 45 Minutes   Marks: 30

MATHEMATICS (Q1–10)

1. Place value of 9 in 9,204 is:
A) 9   B) 90   C) 900   D) 9000

2. 384 ÷ 6 =
A) 54   B) 64   C) 74   D) 84

3. Which number is divisible by 9?
A) 134   B) 315   C) 418   D) 527

4. 7 × 8 – 6 =
A) 50   B) 56   C) 58   D) 62

5. Smallest 4-digit number is:
A) 1000   B) 1001   C) 1111   D) 999

6. Perimeter of a rectangle with sides 7 cm and 5 cm is:
A) 24 cm   B) 26 cm   C) 28 cm   D) 30 cm

7. Which fraction is greater?
A) 2/3   B) 1/3   C) 1/6   D) 1/2

8. 480 + ___ = 960
A) 360   B) 420   C) 480   D) 520

9. How many minutes are there in 4 hours?
A) 200   B) 220   C) 240   D) 260

10. Pattern: 3, 6, 12, 24, __
A) 36   B) 42   C) 48   D) 54

GENERAL SCIENCE (Q11–20)

11. Which organ helps in digestion?
A) Brain   B) Heart   C) Stomach   D) Lungs

12. Air is a mixture of:
A) Solids   B) Liquids   C) Gases   D) Metals

13. Which part of plant makes food?
A) Root   B) Stem   C) Leaf   D) Flower

14. Animals that eat both plants and animals are called:
A) Herbivores   B) Carnivores   C) Omnivores   D) Insectivores

15. Which is a source of energy?
A) Wind   B) Stone   C) Soil   D) Water

16. Which state of matter has fixed shape and volume?
A) Gas   B) Liquid   C) Solid   D) Plasma

17. Which sense organ helps us hear?
A) Eye   B) Nose   C) Ear   D) Skin

18. Water freezes at:
A) 0°C   B) 10°C   C) 50°C   D) 100°C

19. Which material is attracted by a magnet?
A) Plastic   B) Glass   C) Wood   D) Iron

20. Which planet is closest to the Sun?
A) Venus   B) Earth   C) Mars   D) Mercury

GENERAL ENGLISH (Q21–30)

21. Choose the correct sentence:
A) They goes to school   B) They go to school   C) They going to school   D) They gone to school

22. Synonym of honest:
A) Truthful   B) Lazy   C) Angry   D) Clever

23. Antonym of begin:
A) Start   B) Open   C) End   D) Begin

24. Identify the adverb: He runs quickly.
A) He   B) Runs   C) Quickly   D) None

25. Fill in the blank: She ___ a letter yesterday.
A) write   B) writes   C) wrote   D) writing

26. Correct spelling:
A) Ocassion   B) Occasion   C) Occassion   D) Ocasian

27. One-word substitute: One who teaches students
A) Doctor   B) Teacher   C) Driver   D) Farmer

28. Plural of mouse is:
A) Mouses   B) Mouse   C) Mice   D) Mousies

29. Choose the correct article: ___ elephant
A) A   B) An   C) The   D) No article

30. Punctuation used to show surprise:
A) .   B) ,   C) !   D) ?

INTERNATIONAL DELHI PUBLIC SCHOOLS
ADMISSION TEST

GRADE – IV
SET-C

Time: 45 Minutes   Marks: 30

MATHEMATICS (Q1–10)

1. LCM of 9 and 12 is:
A) 18   B) 24   C) 36   D) 48

2. 4/5 of 200 =
A) 120   B) 140   C) 160   D) 180

3. Which number is a multiple of both 4 and 9?
A) 18   B) 24   C) 36   D) 45

4. 1,786 + 2,214 =
A) 3,900   B) 4,000   C) 4,100   D) 4,200

5. Area of a square of side 9 cm is:
A) 36   B) 72   C) 81   D) 90

6. Roman numeral of 40 is:
A) IL   B) XL   C) LX   D) L

7. Which fraction is equivalent to 4/6?
A) 2/3   B) 6/8   C) 8/10   D) 10/12

8. 500 g = ___ kg
A) 0.25   B) 0.5   C) 0.75   D) 1

9. Average of 5, 15, 25 is:
A) 10   B) 15   C) 20   D) 25

10. Simplify: 96 ÷ (6 × 4)
A) 2   B) 3   C) 4   D) 6

GENERAL SCIENCE (Q11–20)

11. Which system controls thinking and memory?
A) Digestive   B) Nervous   C) Circulatory   D) Respiratory

12. The process of breathing is called:
A) Inhalation   B) Exhalation   C) A & B Both   D) Neither A nor B

13. Which soil holds water for a long time?
A) Sandy   B) Clay   C) Loamy   D) Rocky

14. Which metal is used to make electric wires?
A) Iron   B) Gold   C) Silver   D) Aluminum

15. Which planet is known as the Morning Star?
A) Mars   B) Venus   C) Jupiter   D) Mercury

16. Which organ removes waste from blood?
A) Lungs   B) Heart   C) Kidney   D) Liver

17. Which is a non-renewable source of energy?
A) Wind   B) Solar   C) Coal   D) Water

18. Plants lose water through:
A) Roots   B) Leaves   C) Stem   D) Flowers

19. Which gas is essential for respiration?
A) Carbon dioxide   B) Nitrogen   C) Oxygen   D) Hydrogen

20. Sound cannot travel through:
A) Air   B) Water   C) Solids   D) Vacuum

GENERAL ENGLISH (Q21–30)

21. Choose the correct tense: He ___ finished his work.
A) has   B) have   C) had   D) having

22. Antonym of success:
A) Win   B) Gain   C) Failure   D) Profit

23. One-word substitute: One who writes poems
A) Author   B) Poet   C) Editor   D) Narrator

24. Identify the adjective: It was a narrow road.
A) It   B) Was   C) Narrow   D) Road

25. Correct sentence:
A) She do not like milk   B) She does not like milk   C) She did not likes milk   D) She not like milk

26. Plural of phenomenon is:
A) Phenomenons   B) Phenomena   C) Phenomenas   D) Phenomenon

27. Choose the correct preposition: The cat ran ___ the room.
A) into   B) on   C) at   D) under

28. Synonym of silent:
A) Loud   B) Noisy   C) Quiet   D) Angry

29. Correct spelling:
A) Recieve   B) Receive   C) Receeve   D) Receve

30. Idiom: Once in a blue moon means:
A) Very often   B) Never   C) Rarely   D) Always

INTERNATIONAL DELHI PUBLIC SCHOOLS
ADMISSION TEST

GRADE – V
SET-C

Time: 45 Minutes   Marks: 30

MATHEMATICS (Q1–10)

1. HCF of 24 and 36 is:
A) 6   B) 12   C) 18   D) 24

2. 3/4 of 240 =
A) 120   B) 150   C) 160   D) 180

3. Which number is divisible by 8?
A) 246   B) 312   C) 425   D) 537

4. Simplify: 120 ÷ (6 × 5)
A) 2   B) 3   C) 4   D) 5

5. Perimeter of a square with side 9 cm is:
A) 18   B) 27   C) 36   D) 45

6. Smallest prime number greater than 40 is:
A) 41   B) 42   C) 43   D) 45

7. Value of $6^2 + 8^2$ =
A) 64   B) 72   C) 100   D) 36

8. Convert 5 km 500 m into meters:
A) 5,050   B) 5,500   C) 5,005   D) 5,550

9. Which fraction is the largest?
A) 7/10   B) 3/5   C) 5/8   D) 9/12

10. Average of 15, 25, 35 is:
A) 20   B) 25   C) 30   D) 35

GENERAL SCIENCE (Q11–20)

11. Which organ controls thinking and memory?
A) Heart   B) Lungs   C) Brain   D) Kidney

12. Which gas is essential for photosynthesis?
A) Oxygen   B) Nitrogen   C) Carbon dioxide   D) Hydrogen

13. Which soil is best for growing wheat?
A) Sandy   B) Black   C) Clayey   D) Rocky

14. Which force slows down moving objects?
A) Muscular   B) Gravitational   C) Magnetic   D) Friction

15. Which part of the eye helps us see clearly?
A) Retina   B) Pupil   C) Iris   D) Blind Spot

16. Which vitamin helps in good eyesight?
A) Vitamin A   B) Vitamin B   C) Vitamin C   D) Vitamin D

17. Which is a non-renewable source of energy?
A) Wind   B) Solar   C) Coal   D) Water

18. Which process changes gas into liquid?
A) Evaporation   B) Condensation   C) Melting   D) Freezing

19. Which planet is the largest in the solar system?
A) Earth   B) Mars   C) Jupiter   D) Saturn

20. Sound is produced due to:
A) Heat   B) Light   C) Vibrations   D) Motion

GENERAL ENGLISH (Q21–30)

21. Choose the correct sentence:
A) She have completed work   B) She has completed work

C) She completed has work   D) She completing work

22. Synonym of generous:
A) Kind   B) Angry   C) Lazy   D) Mean

23. Antonym of modern:
A) New   B) Recent   C) Ancient   D) Fresh

24. Identify the adverb: He answered politely.
A) He   B) Answered   C) Politely   D) None

25. One-word substitute: A person who looks after patients
A) Teacher   B) Nurse   C) Doctor   D) Driver

26. Correct spelling:
A) Enviroment   B) Environment   C) Envirement   D) Enviromentt

27. Choose the correct preposition: She is afraid ___ dogs.
A) with   B) of   C) for   D) from

28. Plural of medium is:
A) Mediums   B) Medias   C) Media   D) Medium

29. Idiom: Burn the midnight oil means:
A) Waste oil   B) Sleep early   C) Study late at night   D) Work carelessly

30. Choose the correct conjunction: He studied hard ___ he passed the exam.
A) but   B) because   C) so   D) or

INTERNATIONAL DELHI PUBLIC SCHOOLS
ADMISSION TEST

Time: 45 Minutes   Marks: 30

MATHEMATICS (Q1–10)

1. HCF of 54 and 72 is:
A) 6   B) 9   C) 18   D) 27

2. Simplify: $4^3 \times 3^2 =$
A) 144   B) 288   C) 576   D) 768

3. Which is a composite number?
A) 23   B) 29   C) 31   D) 33

4. Value of 15 − {6 + (4 − 2)} =
A) 1   B) 3   C) 5   D) 7

5. Ratio of 20 minutes to 1 hour is:
A) 1:2   B) 1:3   C) 2:3   D) 1:4

6. Perimeter of a square is 44 cm. Side =
A) 9   B) 10   C) 11   D) 12

7. Decimal of 7/16 is:
A) 0.375   B) 0.4375   C) 0.5625   D) 0.625

8. Which number is divisible by both 5 and 6?
A) 20   B) 24   C) 30   D) 36

9. Mean of first 15 natural numbers is:
A) 7   B) 7.5   C) 8   D) 8.5

10. Roman numeral of 500 is:
A) D   B) C   C) M   D) L

SCIENCE (Q11–20)

11. Which tissue covers the body surface?
A) Muscular   B) Nervous   C) Epithelial   D) Connective

12. Which blood cells fight infection?
A) RBC   B) WBC   C) Platelets   D) Plasma

13. Which mirror forms a virtual and erect image always?
A) Concave   B) Convex   C) Cubical   D) Cylindrical

14. Which substance is insoluble in water?
A) Sugar   B) Salt   C) Sand   D) Baking soda

15. Separation by winnowing is used to separate:
A) Husk from grain　　　B) Sand from water　　C) Salt from water　　D) Iron from sand

16. Which gas is required for combustion?
A) Nitrogen　　　　　　B) Oxygen　　　　　　C) Carbon dioxide　　D) Hydrogen

17. Which organ controls involuntary actions?
A) Cerebrum　　　　　　B) Cerebellum　　　　C) Medulla　　　　　D) Spinal cord

18. Which force is a non-contact force?
A) Friction　　　　　　B) Muscular　　　　　C) Magnetic　　　　　D) Mechanical

19. Which layer of Earth contains molten rock?
A) Crust　　　　　　　B) Core　　　　　　　C) Mantle　　　　　　D) Surface

20. Deficiency of which vitamin causes rickets?
A) Vitamin A　　　　　B) Vitamin B　　　　　C) Vitamin C　　　　　D) Vitamin D

ENGLISH (Q21–30)

21. Choose the correct sentence:
A) Each of the players have arrived　　　　B) Each of the players has arrived

C) Each players has arrived　　　　　　　D) Each players have arrived

22. Synonym of reluctant:
A) Eager　　　　　　　B) Willing　　　　　　C) Unwilling　　　　　D) Ready

23. Antonym of visible:
A) Clear　　　　　　　B) Seen　　　　　　　C) Invisible　　　　　D) Bright

24. Identify the verb phrase: She has been reading.
A) She　　　　　　　　B) Has been reading　C) Reading　　　　　　D) Been

25. One-word substitute: One who speaks two languages
A) Linguist　　　　　　B) Translator　　　　C) Bilingual　　　　　D) Orator

26. Correct spelling:
A) Accomodation　　　B) Accommodation　　C) Acommodation　　D) Accommadation

27. Change into passive voice: They are repairing the bridge.
A) The bridge is repaired　　　　　　　　B) The bridge was repaired

C) The bridge is being repaired　　　　　D) The bridge has repaired

28. Idiom: Under the weather means:
A) Feeling unwell　　　B) Feeling happy　　　C) Feeling angry　　　D) Feeling excited

29. Choose the correct preposition: She insisted ___ the truth.
A) on　　　　　　　　B) for　　　　　　　　C) at　　　　　　　　D) to

30. Reported speech: He said, "I have finished."
A) He said he has finished　　　　　　　　B) He said that he had finished

C) He said he finished　　　　　　　　　D) He said that I had finished

INTERNATIONAL DELHI PUBLIC SCHOOLS
ADMISSION TEST

Time: 45 Minutes

Marks: 30

MATHEMATICS (Q1–10)

1. Simplify: $6^2 - 4^2$
A) 8   B) 12   C) 20   D) 28

2. LCM of 12 and 15 is:
A) 30   B) 45   C) 60   D) 90

3. Simplify: $(5/6) \div (10/3)$
A) 1/4   B) 1/3   C) 1/2   D) 3/5

4. If a : b = 4 : 5, then (a + b) : b =
A) 4 : 9   B) 5 : 9   C) 9 : 5   D) 9 : 4

5. If the area of a square is 144 cm^2, its perimeter is:
A) 36   B) 48   C) 60   D) 72

6. Solve: 9x – 7 = 29
A) 3   B) 4   C) 5   D) 6

7. Mean of 2, 4, 6, 8, 10 is:
A) 5   B) 6   C) 7   D) 8

8. Convert 7/20 into decimal:
A) 0.25   B) 0.30   C) 0.35   D) 0.40

9. Which is an irrational number?
A) 1.5   B) 2/3   C) $\sqrt{7}$ D) 0.125

10. Roman numeral of 600 is:
A) DC   B) CD   C) D   D) CM

SCIENCE (Q11–20)

11. The SI unit of force is:
A) Joule   B) Newton   C) Pascal   D) Watt

12. Which acid is present in vinegar?
A) Acetic acid   B) Citric acid   C) Lactic acid   D) Formic acid

13. The process by which plants lose water is called:
A) Respiration   B) Transpiration   C) Photosynthesis   D) Germination

14. Which type of nutrition is found in fungi?
A) Autotrophic   B) Heterotrophic   C) Saprophytic   D) Parasitic

15. Which metal is stored in kerosene?
A) Iron
B) Sodium
C) Copper
D) Aluminum

16. Blood vessels that carry oxygenated blood are:
A) Veins
B) Capillaries
C) Arteries
D) Nerves

17. Which mirror is used by dentists?
A) Plane
B) Concave
C) Convex
D) Cylindrical

18. Which gas is released during photosynthesis?
A) Oxygen
B) Nitrogen
C) Carbon dioxide
D) Hydrogen

19. Which vitamin helps in blood clotting?
A) Vitamin A
B) Vitamin B
C) Vitamin C
D) Vitamin K

20. Soil best suited for sugarcane crop is:
A) Sandy
B) Loamy
C) Clayey
D) Rocky

ENGLISH (Q21–30)

21. Choose the correct sentence:
A) Each of the students are ready
B) Each of the students is ready

C) Each students are ready
D) Each students is ready

22. Synonym of diligent:
A) Lazy
B) Careless
C) Hardworking
D) Slow

23. Antonym of accept:
A) Take
B) Receive
C) Admit
D) Reject

24. Identify the adverb clause: He spoke softly because he was tired.
A) He spoke softly
B) Softly
C) Because he was tired
D) He was tired

25. One-word substitute: One who looks at stars
A) Astronomer
B) Scientist
C) Biologist
D) Geologist

26. Correct spelling:
A) Enviroment
B) Environment
C) Envirnoment
D) Enviornment

27. Change into passive voice: They have completed the work.
A) The work is completed
B) The work was completed

C) The work has been completed
D) The work had been completed

28. Idiom: Once in a blue moon means:
A) Very often
B) Rarely
C) Always
D) Never

29. Choose the correct preposition: She is good ___ mathematics.
A) at
B) in
C) on
D) with

30. Reported speech: She said, "I can solve this."
A) She said that she can solve that
B) She said that she could solve that

C) She said she solves this
D) She said that I could solve this

GRADE – VIII
SET-C

Time: 45 Minutes   Marks: 30

MATHEMATICS (Q1–10)

1. Simplify: $(-5)^2 - 4^2$
A) 9   B) 21   C) 25   D) 41

2. Solve for x: 5x + 9 = 34
A) 3   B) 4   C) 5   D) 6

3. Simplify: (3/4) × (16/9)
A) 4/3   B) 3/4   C) 16/36   D) 9/16

4. The value of $(x + y)^2$ when x = 4, y = 2 is:
A) 36   B) 24   C) 20   D) 12

5. Find the radius if the diameter of a circle is 14 cm
A) 5 cm   B) 6 cm   C) 7 cm   D) 14 cm

6. The square root of 256 is:
A) 14   B) 15   C) 16   D) 18

7. Find the mean of first 10 even numbers:
A) 9   B) 10   C) 11   D) 12

8. Convert 0.875 into fraction:
A) 5/8   B) 7/8   C) 3/4   D) 9/10

9. Which of the following is irrational?
A) 0.125   B) 7/4   C) $\sqrt{5}$ D) 1.6

10. Roman numeral for 400 is:
A) CD   B) CM   C) DC   D) D

SCIENCE (Q11–20)

11. The SI unit of pressure is:
A) Joule   B) Newton   C) Pascal   D) Watt

12. Which metal is used in making electric wires?
A) Iron   B) Aluminum   C) Copper   D) Zinc

13. The process of conversion of solid directly into gas is called:
A) Sublimation   B) Condensation   C) Evaporation   D) Freezing

14. Which part of the brain controls thinking?
A) Cerebellum   B) Medulla   C) Cerebrum   D) Spinal cord

15. The pH value of acidic solution is:
A) Less than 7   B) Equal to 7   C) More than 7   D) Equal to 14

16. Which gas is essential for combustion?
A) Nitrogen   B) Oxygen   C) Carbon dioxide   D) Hydrogen

17. Which organ helps in excretion?
A) Heart   B) Lungs   C) Kidney   D) Liver

18. The unit of power is:
A) Joule   B) Newton   C) Watt   D) Pascal

19. Which planet is known as the Red Planet?
A) Earth   B) Venus   C) Mars   D) Jupiter

20. Deficiency of which vitamin causes rickets?
A) Vitamin A   B) Vitamin B   C) Vitamin C   D) Vitamin D

ENGLISH (Q21–30)

21. Choose the correct sentence:
A) None of the students are absent   B) None of the students is absent

C) None students are absent   D) None students is absent

22. Synonym of immense:
A) Small   B) Huge   C) Thin   D) Narrow

23. Antonym of cautious:
A) Careful   B) Alert   C) Reckless   D) Watchful

24. Identify the adjective clause: The man who called you is my uncle.
A) The man   B) Who called you   C) Is my uncle   D) Called you

25. One-word substitute: One who compiles a dictionary
A) Author   B) Editor   C) Lexicographer   D) Linguist

26. Correct spelling:
A) Independant   B) Independent   C) Indepandent   D) Independint

27. Change into passive voice: They are repairing the road.
A) The road is repaired   B) The road was repaired

C) The road is being repaired   D) The road has repaired

28. Idiom: Hit the nail on the head means:
A) Miss the point   B) Say exactly right   C) Hit something   D) Be careless

29. Choose the correct preposition: She is afraid ___ darkness.
A) with   B) of   C) from   D) for

30. Reported speech: She said, "I have completed my work."
A) She said she has completed her work   B) She said that she had completed her work

C) She said she completed her work   D) She said that I had completed my work

INTERNATIONAL DELHI PUBLIC SCHOOLS
ADMISSION TEST

GRADE – IX
SET-B

Time: 45 Minutes   Marks: 30

MATHEMATICS (Q1–10)

1. Solve for x: 4x + 11 = 39
A) 5   B) 6   C) 7   D) 8

2. Evaluate: $(3x^2 - 2x + 1)$ when x = 2
A) 7   B) 9   C) 11   D) 13

3. The zeroes of the polynomial $x^2 - 16$ are:
A) 4, –4   B) 16, –16   C) 0, 16   D) 8, –8

4. Find the HCF of 96 and 144
A) 24   B) 48   C) 12   D) 36

5. If the angles of a triangle are in the ratio 3 : 4 : 5, the largest angle is:
A) 60°   B) 75°   C) 45°   D) 90°

6. The value of $\sqrt{324}$ is:
A) 16   B) 17   C) 18   D) 19

7. A cyclist travels at 24 km/h for 2.5 hours. Distance covered is:
A) 48 km   B) 54 km   C) 60 km   D) 66 km

8. The area of a circle of radius 10.5 cm is (π = 22/7):
A) 231 cm²   B) 308 cm²   C) 346.5 cm²   D) 693 cm²

9. Which of the following is a rational number?
A) $\sqrt{7}$ B) π   C) 1.25   D) $\sqrt{11}$

10. The sum of first 25 natural numbers is:
A) 300   B) 325   C) 350   D) 375

SCIENCE (Q11–20)

11. The SI unit of energy is:
A) Joule   B) Newton   C) Pascal   D) Watt

12. Which law states that energy can neither be created nor destroyed?
A) Newton's law   B) Law of conservation of energy   C) Ohm's law   D) Boyle's law

13. Which gas is produced when iron reacts with dilute sulphuric acid?
A) Oxygen   B) Nitrogen   C) Hydrogen   D) Carbon dioxide

14. The structural and functional unit of the nervous system is:
A) Nephron   B) Neuron   C) Axon   D) Dendrite

15. Which tissue covers the external surface of the body?
A) Muscular   B) Nervous   C) Epithelial   D) Connective

16. The pH value of a basic solution is:
A) Less than 7   B) Equal to 7   C) More than 7   D) Equal to 14

17. Which part of the brain controls involuntary actions?
A) Cerebrum   B) Cerebellum   C) Medulla   D) Spinal cord

18. Which metal is highly reactive?
A) Copper   B) Iron   C) Sodium   D) Silver

19. The process of conversion of vapour into liquid is called:
A) Evaporation   B) Condensation   C) Sublimation   D) Freezing

20. Deficiency of which vitamin causes night blindness?
A) Vitamin A   B) Vitamin B   C) Vitamin C   D) Vitamin D

ENGLISH (Q21–30)

21. Choose the correct sentence:
A) They doesn't know the answer   B) They don't know the answer

C) They didn't knows the answer   D) They not know the answer

22. Synonym of evident:
A) Clear   B) Hidden   C) Doubtful   D) Rare

23. Antonym of timid:
A) Shy   B) Bold   C) Afraid   D) Quiet

24. Identify the type of clause: He was happy because he won the match.
A) Noun clause   B) Adjective clause   C) Adverb clause   D) Main clause

25. One-word substitute: A person who studies human society
A) Psychologist   B) Sociologist   C) Anthropologist   D) Geographer

26. Correct spelling:
A) Neccessary   B) Necesary   C) Necessary   D) Necesarry

27. Change into passive voice: They are building a bridge.
A) A bridge is built   B) A bridge was built   C) A bridge is being built   D) A bridge has built

28. Idiom: Break the ice means:
A) Break something   B) Start a conversation   C) Stop talking   D) Cause trouble

29. Choose the correct preposition: She is keen ___ learning new things.
A) on   B) for   C) in   D) at

30. Reported speech: He said, "I have lost my book."
A) He said that he has lost his book   B) He said that he had lost his book

C) He said he lost his book   D) He said that I had lost my book

GRADE – XI
SET-C

Time: 45 Minutes   Marks: 30

PHYSICS (Q1–10)

1. The SI unit of energy is:
A) Joule   B) Newton   C) Watt   D) Pascal

2. Which quantity is a vector?
A) Distance   B) Speed   C) Velocity   D) Time

3. The area under a velocity–time graph represents:
A) Acceleration   B) Displacement   C) Speed   D) Force

4. The unit of impulse is:
A) N   B) N·s   C) J   D) W

5. Which law is associated with inertia?
A) First law   B) Second law   C) Third law   D) Gravitation

6. Kinetic energy depends on:
A) Mass only   B) Velocity only   C) Mass and velocity D) Force

7. The value of g on Earth is approximately:
A) $9.8 \ m/s^2$ B) $8.9 \ m/s^2$ C) $10.8 \ m/s^2$ D) $9.0 \ m/s^2$

8. Power is the rate of doing:
A) Force   B) Energy   C) Work   D) Momentum

9. Which remains conserved in all types of collisions?
A) Energy   B) Momentum   C) Velocity   D) Speed

10. Work done is zero when displacement is:
A) Maximum   B) Minimum   C) Zero   D) Infinite

CHEMISTRY (Q11–20)

11. The number of electrons in a neutral atom is equal to:
A) Atomic mass   B) Atomic number   C) Neutrons   D) Nucleons

12. Which law states equal volumes of gases contain equal number of molecules?
A) Boyle's law   B) Charles' law   C) Avogadro's law   D) Dalton's law

13. The SI unit of pressure is:
A) Bar   B) Atmosphere   C) Pascal   D) mmHg

14. Which compound is used as baking soda?
A) Na_2CO_3 B) $NaHCO_3$ C) $CaCO_3$ D) $NaOH$

15. Which bond is formed by sharing of electrons?
A) Ionic   B) Covalent   C) Metallic   D) Hydrogen

16. The molar mass of CO_2 is:
A) 28 g/mol   B) 32 g/mol   C) 44 g/mol   D) 48 g/mol

17. Which acid is present in lemon?
A) Acetic   B) Lactic   C) Citric   D) Formic

18. pH value of a basic solution is:
A) Less than 7   B) Equal to 7   C) More than 7   D) Equal to 1

19. Which element is a noble gas?
A) Oxygen   B) Nitrogen   C) Neon   D) Hydrogen

20. The process of rusting is an example of:
A) Reduction   B) Oxidation   C) Neutralization   D) Displacement

MATHEMATICS (Q21–30)

21. If f(x)=x+5, find f(7):
A) 10   B) 11   C) 12   D) 13

22. Solve: $x^2 - 6x + 9 = 0$
A) 3,3   B) −3,−3   C) 1,9   D) 2,7

23. The value of sin 60° + cos 30° is:
A) 1   B) $\sqrt{2}$ C) $\sqrt{3}$ D) 2

24. Number of combinations of 6 objects taken 2 at a time is:
A) 12   B) 15   C) 20   D) 30

25. Slope of the line joining (2,4) and (6,12) is:
A) 1   B) 2   C) 3   D) 4

26. The value of |5 − 12| is:
A) −7   B) 7   C) 12   D) 17

27. If $\log_{10}0.001 = x$, then x =:
A) −1   B) −2   C) −3   D) 3

28. Distance between (1,1) and (4,5) is:
A) 4   B) 5   C) $\sqrt{13}$ D) $\sqrt{25}$

29. The solution of $x^2 = 64$ is:
A) 8   B) −8   C) ±8   D) 0

30. Value of cos 0° is:
A) 0   B) 1/2   C) $\sqrt{3}/2$ D) 1

BIOLOGY (Q21–30)

31. The basic unit of heredity is:
A) Cell   B) Gene   C) Chromosome   D) DNA

32. Which organelle is responsible for protein synthesis?
A) Ribosome B) Mitochondria C) Nucleus D) Golgi body

33. Which process converts glucose into energy?
A) Photosynthesis B) Respiration C) Transpiration D) Excretion

34. Which blood cells fight infection?
A) RBC B) Platelets C) Plasma D) WBC

35. The functional unit of the nervous system is:
A) Nephron B) Neuron C) Axon D) Dendrite

36. Which tissue transports food in plants?
A) Xylem B) Phloem C) Cambium D) Cortex

37. Which hormone regulates metabolism?
A) Insulin B) Thyroxine C) Adrenaline D) Growth hormone

38. Which vitamin is essential for vision?
A) Vitamin A B) Vitamin B C) Vitamin C D) Vitamin D

39. Which organ stores urine?
A) Kidney B) Liver C) Urinary bladder D) Ureter

40. The site of fertilization in humans is:
A) Uterus B) Ovary C) Fallopian tube D) Cervix