SAMPLE PAPER
GRADE – 6th

SECTION – A (English)

1. **Which of the following sentences uses the definite article correctly ?**
   (A) The Mount Everest is the highest peak in the world.
   (B) We sailed across the Pacific Ocean last summer.
   (C) Lake Superior is the largest of the Great Lakes.
   (D) He crossed Sahara desert on a camel.
2. **Fill in the blank with the correct present perfect tense.**
   'The committee _____ its decision regarding the new policy.'
   (A) have announced (B) has announced (C) is announcing (D) announce
3. **Read the sentence below.**
   Which word is an abstract noun ?
   'Her relentless determination led the team to a surprising victory.'
   (A) relentless (B) determination (C) team (D) victory
4. **Choose the right pronoun for this sentence.**
   'Neither of the boys brought _____ permission slip.'
   (A) their (B) his (C) them (D) theirs
5. **In the sentence 'The commander ordered the troops to move forward immediately', identify the adverbs of place and time.**
   (A) forward (place), immediately (time) (B) ordered (place), immediately (time)
   (C) forward (time), immediately (place) (D) troops (place), forward (time)
6. **Tick the option where the adjectives are in the correct order.**
   (A) A beautiful old wooden dining table
   (B) An old beautiful dining wooden table
   (C) A wooden beautiful old dining table
   (D) A dining old beautiful wooden table
7. **'She plays the piano brilliantly, _____ she rarely performs in public.' Which conjunction fits best to show a contrast ?**
   (A) so (B) for (C) yet (D) or
8. **Pick the sentence that uses the correct preposition for movement.**
   (A) The cat jumped on the table. (B) The cat jumped onto the table.
   (C) The cat jumped in the table. (D) The cat jumped at the table.
9. **Complete the sentence logically :**
   'By the time the reinforcements _____, the battalion _____ the hill.'
   (A) arrive, captured (B) arrived, had captured
   (C) had arrived, captured (D) arrived, have captured

10. Which of these sentences correctly handles a collective noun ?

(A) The jury are divided in its opinion.

(B) The flock of birds were flying south.

(C) The staff is attending a workshop on leadership.

(D) The herd of cattle are grazing in the field.

SECTION – B (Social Science)

11. Which of the following is the most accurate reason for the difference in local time between two places on Earth ?

(A) Difference in latitude (B) Difference in longitude

(C) Difference in altitude (D) Difference in ocean currents

12. The Tropic of Cancer passes through how many Indian states ?

(A) 6 (B) 7 (C) 8 (D) 9

13. Which of the following is considered an archaeological source for reconstructing ancient Indian history ?

(A) Modern newspaper reports (B) Coins and inscriptions

(C) Contemporary television programmes (D) Recent government advertisements

14. Why is the study of chronology important in history ?

(A) It helps classify historical events by their sequence in time.

(B) It proves that every historical source is accurate.

(C) It eliminates the need for archaeological evidence.

(D) It explains only the geographical location of events.

15. Which ancient Indian centre was especially renowned for Buddhist learning and attracted scholars from different regions ?

(A) Nalanda (B) Fatehpur Sikri (C) Red Fort (D) Victoria Memorial

16. The concept of *Vasudhaiva Kutumbakam* conveys which idea ?

(A) The world is divided into permanent rival groups.

(B) The world is one family.

(C) Knowledge should be restricted to one community.

(D) Political power is the only basis of unity

17. Which feature is essential to a democratic system of government ?

(A) Hereditary succession to political office (B) Government without public accountability

(C) Free and fair elections (D) Permanent rule by a single individual

18. In India, which institution is primarily responsible for conducting elections to the Lok Sabha and State Legislative Assemblies ?

(A) Supreme Court of India (B) Election Commission of India

(C) Union Public Service Commission (D) Finance Commission

19. Which of the following is an example of a non-market activity ?

(A) A shopkeeper selling groceries for profit

(B) A teacher receiving a salary from a school

(C) A family member cooking food at home without payment

(D) A factory selling manufactured goods

20. A farmer grows wheat and sells it to a flour mill. The mill converts the wheat into flour, which a bakery uses to produce bread. Which statement is correct ?

(A) Wheat is a final good in every stage of production.

(B) Flour cannot be considered an intermediate good.

(C) Wheat and flour may be intermediate goods, while bread sold to consumers is a final good.

(D) Only the farmer contributes to economic production.

SECTION – C (Science)

21. A student adds a few drops of an unknown chemical solution to a mashed food sample, and it immediately turns blue-black. Which nutrient's presence is explicitly confirmed by this distinct color transition ?

(A) Proteins (B) Fats (C) Starch (D) Vitamin C

22. Dietary fibres do not provide any direct nutritional content to our bodies, yet they are considered an indispensable part of a balanced diet. What vital function do they perform ?

(A) They speed up metabolic energy production.

(B) They assist our body in eliminating undigested food mass safely.

(C) They carry blood oxygen straight to dynamic tissues.

(D) They synthesize structural bone calcium reserves.

23. Some plants possess weak, fragile stems that are completely unable to stand completely upright on their own. Instead, they spread out horizontally across the ground surface. How are these plants classified ?

(A) Herbs (B) Shrubs (C) Climbers (D) Creepers

24. Which structural part of a complete flower constitutes the fundamental male reproductive framework and houses both the anther and the supporting filament ?

(A) Pistil (B) Petal (C) Stamen (D) Sepal

25. Which anatomical joint in the human body frame provides the highest freedom of movement in almost all spatial directions, connecting our upper arm bone directly to the shoulder girdle ?

(A) Hinge joint (B) Ball and socket joint

(C) Pivotal joint (D) Fixed joint

26. Which method is used to separate insoluble solids from a liquid ?

(A) Evaporation (B) Filtration (C) Distillation (D) Sublimation

27. Which of the following is a reversible change ?

(A) Burning of paper (B) Cooking of food (C) Melting of ice (D) Rusting of iron

28. The process of conversion of water into water vapour is called :

(A) Condensation (B) Evaporation (C) Freezing (D) Melting

29. Which of the following is soluble in water ?

(A) Sand (B) Sugar (C) Chalk powder (D) Sawdust

30. Air is a :

(A) Compound (B) Element (C) Mixture (D) Pure substance

31. A student connects an electric cell to a small bulb using copper wires. For the bulb to glow smoothly, what path must the electric current take ?

(A) From the positive terminal of the cell, through the bulb, to its negative terminal.

(B) From the negative terminal of the cell, directly back to the negative terminal.

(C) From the positive terminal of the cell, directly back to the positive terminal.

(D) Randomly back and forth between the two terminals without any fixed pathway logic.

32. Four students measured the length of a wooden block using broken or worn-out scales. Which of the following experimental methods will yield the most accurate length measurement ?

(A) Start measuring from any fully visible, clear mark (like 2.0 cm) and subtract this value from the final reading.

(B) Start measuring blindly from the broken 0 cm edge and estimate the missing initial part by eye.

(C) Align the block carefully with the 1.0 cm mark and simply note down the final reading as the true length.

(D) Measure the block multiple times from the broken edge and calculate the simple average of all values.

33. A heavy box is being pushed across a smooth warehouse floor. Which combinations of motion are simultaneously experienced by the wheels of the trolley carrying the box ?

(A) Rectilinear motion and Periodic motion (B) Rotational motion and Rectilinear motion

(C) Periodic motion and Circular motion (D) Rotational motion and Oscillatory motion

34. A pinhole camera forms an inverted image of a distant green tree. What is the fundamental physical principle that explains why this image is upside down ?

(A) Light bends around the sharp corners of the camera pinhole.

(B) Light travels along straight lines, causing top rays to cross to the bottom.

(C) Light undergoes complete regular reflection inside the dark box interior.

(D) Light gets separated into its constituent colors when passing through the pinhole aperture.

35. When you look at your clean face in a highly polished plane mirror, what kind of image shift is primarily observed ?

(A) Your image appears upside down due to vertical inversion rules.

(B) Your left hand appears as the right hand of the image due to lateral inversion.

(C) Your image looks much smaller than your actual physical face dimensions.

(D) Your image appears blurred because a mirror acts as a translucent surface layer.

SECTION – D (Reasoning)

36. In a certain code language, if 'MONKEY' is written as 'XDJMNL', how will 'TIGER' be written in that same code language ?

(A) QDFHS (B) SDFHS (C) QDHFS (D) SHFDQ

37. Pointing to a photograph, Rohit said, "He is the only son of my grandfather's only child." How is the man in the photograph related to Rohit ?

(A) Father (B) Brother (C) Himself (D) Cousin

38. Find the missing character in the given alpha – numeric series.

A1Z, C4X, F9U, J16Q, ?

(A) 025M (B) N25L (C) 025L (D) P25K

39. Choose the pair that exhibits the same relationship as the given pair :

Light : Blind : : Speech : ?

(A) Deat (B) Dumb (C) Sound (D) Tongue

40. Arrange the following words in a meaningful logical sequence.

1. Nation 2. Village 3. State

4. District 5. Town

(A) 2, 5, 4, 3, 1 (B) 2, 4, 5, 3, 1 (C) 5, 2, 4, 3, 1 (D) 2, 5, 3, 4, 1

41. Find the odd one out from the given choices.

(A) 27 (B) 64 (C) 125 (D) 144

42. Which number will replace the question mark (?) in the following series ?

1438, 1429, 1417, 1402, ?

(A) 1378 (B) 1384 (C) 1387 (D) 1392

43. Select the missing number from the given options.

64 49 ?

12 17 4

20 24 8

(A) 16 (B) 12 (C) 36 (D) 25

44. From the given alternative words, select the word which cannot be formed using the letters of the given words.

SUPERINTENDENT

(A) PRETEND (B) DENTIST (C) RETAIN (D) REUSE

45. How many letters are there between the 9^{th} letter from left and 17^{th} letter from left in the English alphabet ?

(A) 9 (B) 10 (C) 8 (D) 7

SECTION – E (Mathematics)

46. What is the difference between the face value and place value of 7 in the number 85, 742 ?

(A) 700 (B) 693 (C) 7 (D) 735

47. Estimate the product of 47 and 83 by rounding off each number to the nearest ten.

(A) 3,200 (B) 4,000 (C) 3,500 (D) 4,100

48. Express the fraction $\frac{7}{25}$ as a decimal.

(A) 0.28 (B) 0.7 (C) 0.35 (D) 0.14

49. Rehana bought a ribbon of length 5.4 m and cut it into 6 equal pieces. What is the length of each piece ?

(A) 0.8 m (B) 0.9 m (C) 1.2 m (D) 0.09 m

50. Find the value of x if $4x - 7 = 25$.

(A) 6 (B) 7 (C) 8 (D) 9

51. If a car travels $'d'$ kilometres in 3 hours at a constant speed, how much distance will it travel in 7 hours ?

(A) $\frac{7d}{3}$ (B) $\frac{3d}{7}$ (C) $21d$ (D) $\frac{d}{21}$

52. The ratio of boys to girls in a school choir is 4 : 5. If there are 20 boys, what is the total number of students in the choir ?

(A) 25 (B) 40 (C) 45 (D) 50

53. Are the ratios 12 : 18 and 20 : 30 in proportion ?

(A) Yes, because both simplify to 2 : 3 (B) No, because 12 is less than 20

(C) Yes, because both simplify to 3 : 2 (D) Cannot be determined

54. A rectangular rectangular park is 25 m long and 18 m wide. A path runs along its boundary inside it. What is the perimeter of the park ?

(A) 43 m (B) 86 m (C) 450 m (D) 90 m

55. The area of a square playground is 144 square metres. What is the cost of fencing it at Rs 15 per metre ?

(A) Rs 180 (B) Rs 360 (C) Rs 720 (D) Rs 2,160

56. How many lines of symmetry does a regular hexagon have ?

(A) 3 (B) 4 (C) 5 (D) 6

57. An angle whose measure is greater than 180 degrees but less than 360 degrees is called a/an :

(A) Obtuse angle (B) Reflex angle (C) Straight angle (D) Complete angle

58. What is the smallest 5 – digit number that is exactly divisible by 12, 15, and 18 ?

(A) 10,080 (B) 10,020 (C) 10,180 (D) 10,000

59. A vessel contains 3 litres and 250 ml of water. How many glasses of 25 ml capacity each can be filled from it ?

(A) 110 (B) 130 (C) 150 (D) 125

60. The sum of two integers is -18. If one of them is 15, find the other integer.

(A) -3 (B) 3 (C) -33 (D) 33